

# Insecta-Trichoptera checkList

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This database is also available on-line at:

<http://www.clemson.edu/cafls/departments/esps/database/trichopt/>

Note from database manager: Due to the long comments (which include line breaks), this list is extremely long and not very conveniently arranged. We will work out a solution to generate the list without comments in the near future.

## **Abacaria ME Mosely, 1941**

*Abacaria beroni* (K Kumanski, 1979) : AU (New combination, changed from *Cheumatopsyche* (*Cheumatopsyche*) to *Abacaria*, *Abacaria* subfusca Group, male redescribed by J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 45, f 90-93 Holotype--Male; NEW GUINEA: Telefomin, West Sepic Province, ca 1600 m, 25-vii--3-viii-1975; deposited in the National Natural History Museum, Sofia, Bulgaria (J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 45) Papua New Guinea)

*Cheumatopsyche beroni* K Kumanski, 1979

*Abacaria caledona* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria caledona* Group Holotype--Male; NEW CALEDONIA: Province Sud, Monts des Koghis, ca 300 m, S Koghi Restaurant, 22.18288\*S, 166.50490\*E, 457 m, 02-16-xi-2003, Malaise trap, loc#001, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France Fiji Islands)

*Abacaria cristova* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria nuhu* Group near *Abacaria nuhu* Holotype--Male; SOLOMON ISLANDS: San Cristoval camp2, 150', 30-vii-1965, (Roy Soc Exped) BM 1966-1; deposited in The Natural History Museum, London, United Kingdom Solomon Islands)

*Abacaria fijiana* (ME Mosely, 1934) : AU (Male redescribed in the *Abacaria fijiana* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1356: 53, f 114-118 Holotype--Male; FIJI ISLANDS: Vanua Levu, Dreketi River, ix-1922, HW Simmonds; deposited in The Natural History Museum, London, United Kingdom (J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 53) Fiji Islands)

*Hydropsychodes fijiana* ME Mosely, 1934

*Abacaria kosova* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria kosova* Group Holotype--Male; FIJI ISLANDS: Viti Levu, Tholo-i-Suva, 14-15-xi-1970, HS & GS Robinson; deposited in The Natural History Museum, London, United Kingdom Fiji Islands)

*Abacaria levu* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria fijiana* Group Holotype--Male; SOLOMON ISLANDS: San Cristoval camp2, 150', 30-vii-1965, Roy Soc Exped BM 1966-1; deposited in The Natural History Museum, London, United Kingdom Solomon Islands)

*Abacaria moselyi* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria ruficeps* Group near *Abacaria ruficeps* and *Abacaria robinsoni* Holotype--Male; FIJI ISLANDS: Tamavan, 5-ii-1922, HW Simmonds, by Imp Inst Ent BM 1940-80; deposited in The Natural History Museum, London, United Kingdom Fiji Islands)

*Abacaria nuhu* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria nuhu* Group near *Abacaria cristova* Holotype--Male; SOLOMON ISLANDS: Guadalcanal, Nuhu, 25-x-1965, blackwater pool, fast flowing village stream, Roy Soc Exped BM 1966-1; deposited in The Natural History Museum, London, United Kingdom Solomon Islands)

*Abacaria orkeni* J Illies, 1969 : AU (Male redescribed by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1356: 43-45, f 87-89 Holotype--Male; NEW GUINEA: Eastern Highlands, Mt Wilhelm, outlet of Lake Aunde, 3-x-1966, J Illies; deposited in the collection of the Entomology Department, CSIRO, Canberra, Australia (J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1356: 43-44) New Guinea)

*Abacaria robinsoni* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria ruficeps* Group near *Abacaria ruficeps* Holotype--Male; FIJI ISLANDS: Vanua Levu, Nuvvunda Forest, 3-5-ix-1975, HS Robinson & P Maddison; deposited in The Natural History Museum, London,

United Kingdom Fiji Islands)

*Abacaria ruficeps* (F Brauer, 1867) : AU (Changed combination from *Hydropsychodes* to *Abacaria* by ME Mosely, 1941: 366-368

Male redescribed in the *Abacaria ruficeps* Group by J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 46, f 94-96 Holotype--Male; FIJI ISLANDS: Viti Levu; deposited in The Natural History Museum, London, United Kingdom Fiji Islands)

*Hydromanicus ruficeps* F Brauer, 1867

*Abacaria savura* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria kosova* Group Holotype--Male; FIJI ISLANDS: Viti Levu, Savura Creek, 31-vii-1975, PA Maddison; deposited in The Natural History Museum, London, United Kingdom Fiji Islands)

*Abacaria subfusca* DE Kimmins, 1962 : AU (Male genitalia re-illustrated, belonging in the *Abacaria subfusca* Group, "the microscope slide of the holotype of *Abacaris baretti* was labelled according to the original description, but the abdomen is of a female of an unknown species" according to J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 43, f 85-86 Holotype--Male; PAPUA: Kokoda 1200 ft, viii-ix-1933; deposited in The Natural History Museum, London, United Kingdom (J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 43) Papua)

Syn.: *Abacaria barretti* K Korboot, 1964

*Abacaria wekana* J Olah & PC Barnard, 2006 : AU (Male described originally in the *Abacaria fijiana* Group near *Abacaria fijiana* Holotype--Male; FIJI ISLANDS: Viti Levu, Suva, Suvara Creek, 1-x-1975, PA Maddison; deposited in The Natural History Museum, London, United Kingdom Fiji Islands)

#### ***Abaria* ME Mosely, 1948**

*Abaria achwatirtha* F Schmid, 1982 : OL (India)

*Abaria ateduna* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Abaria boripat* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Abaria devavrata* F Schmid, 1982 : OL (India)

*Abaria dusyanta* F Schmid, 1982 : OL (India)

*Abaria electa* G Marlier, 1960 : AT (Democratic Republic of the Congo)

*Abaria guatila* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Abaria hamatit* H Malicky, 2009 : OL (Male described originally near *Abaria pura* F Schmid, *Abaria richika* F Schmid, and *Abaria uchinaru* F Schmid Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21\*28'N, 105\*38'E, 19-v-13-vi-1995; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Abaria hamul* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Loei, Ban Phangam, Suanhom Waterfall, 700 m, 17\*03'N, 101\*46'E, 8-v-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Abaria heliantha* W Mey, 1998 : OL (Male described originally, very close to *Abaria mindorocola* W Mey Holotype--Male; Philippines: Palawan, 20 km East of Puerto Princessa, Balsahan, 3-4-1995, small springbrook, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Abaria hemdan* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Surat Thani Prov, Klong Saeng Wildlife Sanctuary, Chiew Larn Darn, 09\*00'N, 098\*45'E, 6-v-1995, leg Louis Lebel Thailand)

*Abaria heth* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Erawan National Park, 200 (m), 14\*22'N, 099\*08'E, 22-23-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Abaria iuma* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Abaria madhavi* F Schmid, 1982 : OL (India)

*Abaria margaritifera* F Schmid, 1958 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Sri Lanka)

*Abaria mindorocola* W Mey, 1995 : OL (Philippines)

*Abaria mindorogena* W Mey, 1995 : OL (Philippines)

*Abaria puru* F Schmid, 1982 : OL (India)

*Abaria richika* F Schmid, 1982 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Abaria tripunctata* ME Mosely, 1948 : AT (Occurring in WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 553 Yemen)

*Abaria triquetra* W Mey, 1998 : OL (Male described originally Holotype--Male; Philippines: Palawan,

Cayasan, Babuyan River, 5-6-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Abaria uchinara* F Schmid, 1982 : OL (India)

*Abaria yakcha* F Schmid, 1982 : OL (India)

#### ***Absensomina* DI Cartwright, 2010**

*Absensomina weara* DI Cartwright, 2010 : AU (This species is *Ecnomina* sp n A A Wells & DI Cartwright, 1993, Cape York Peninsula Scientific Expedition Wet Season 1992, The Royal Geographical Society of Queensland Inc, Report volume 2: 227 according to DI Cartwright, 2010, Zootaxa 2415: 4

This species is *Ecnomina* sp nov PT-1590 K Walker, A Neboiss, J Dean, & D Cartwright, 1995, Australian Entomologist 22: 22, and DI Cartwright, 1997, Preliminary Guide to the Identification of Late Instar Larvae of Australian Ecnomidae, Philopotamidae and Tasimiidae (Insecta: Trichoptera), Identification Guide No 10: 5

Male (specimen CT-439 figured) and female (specimen CT-498 figured) described originally Holotype--Male; AUSTRALIA: Queensland, Gunshot Ck, Telegraph Crossing, 11°44'S, 142°29'E, Cartwright and Wells; NMV, T-20705; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

#### ***Abtrichia* ME Mosely, 1939**

*Abtrichia antennata* ME Mosely, 1939 : NT (Pupa described by EB Angrisano, 2002, Proc Internatn Symp Trich 10: 406, f 13-14 Brazil)

*Abtrichia squamosa* ME Mosely, 1939 : NT (Brazil)

#### ***Acanthotrichia* A Wells, 1982**

*Acanthotrichia bilamina* A Wells, 1982 : AU (Australia)

#### ***Achoropsyche* RW Holzenthal, 1984**

*Achoropsyche duodecimpunctata* (L Navas, 1916) : NT (Recorded from Brazil by GL de Almeida & L Marinoni, 2000, Revista Brasileira de Zool 17(2): 347-359 Brazil)

*Setodes duodecimpunctata* L Navas, 1916

#### ***Aclosma* JC Morse, 1974**

*Aclosma anomala* (KH Barnard, 1940) : AT (Republic of South Africa)

*Petroplax anomala* KH Barnard, 1940

*Aclosma bispinosum* JC Morse, 1974 : AT (Republic of South Africa)

#### ***Acostatrichia* ME Mosely, 1939**

*Acostatrichia brevipenis* OS Flint, 1974 : NT (Surinam)

*Acostatrichia fimbriata* OS Flint, 1974 : NT (Surinam)

*Acostatrichia plaumanni* ME Mosely, 1939 : NT (Brazil)

*Acostatrichia simulans* ME Mosely, 1939 : NT (Larva, pupa, and larval and pupal cases described by EB Angrisano & JV Sganga, Zootaxa 2480: 54-60, f 1-18 Brazil)

*Acostatrichia spinifera* OS Flint, 1974 : NT (Surinam)

#### ***Acritoptila* A Wells, 1982**

*Acritoptila amphapsis* RW Kelley, 1989 : AU (New Caledonia)

*Acritoptila capistra* A Wells, 1990 : AU (Australia)

*Acritoptila chiasma* RW Kelley, 1989 : AU (New Caledonia)

*Acritoptila crinita* RW Kelley, 1989 : AU (New Caledonia)

*Acritoptila disjuncta* RW Kelley, 1989 : AU (New Caledonia)

*Acritoptila globosa* A Wells, 1982 : AU (Australia)  
*Acritoptila glossocercus* RW Kelley, 1989 : AU (New Caledonia)  
*Acritoptila hamatus* A Wells, 1982 : AU (Australia)  
*Acritoptila margaretae* A Wells, 1982 : AU (Australia)  
*Acritoptila ouenghica* A Wells, 1995 : AU (New Caledonia)  
*Acritoptila pearsoni* A Wells, 1990 : AU (Australia)  
*Acritoptila planichela* RW Kelley, 1989 : AU (New Caledonia)

#### ***Acrophylax* F Brauer, 1867**

*Acrophylax sowai* B Szczesny, 2007 (Described originally from the Western Carpathians, Poland and Slovakia, in high-elevation springs and streams (B Szczesny, 2010, personal communication) Poland)  
*Acrophylax vernalis* J Dziedzielewicz, 1912 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Carpathian Mountains)  
*Acrophylax vernalis lacustris* K Mayer, 1936 (~*vernalis* J Dziedzielewicz, 1912, Spraw Kom Fizyogr 46 (1911): 133, 134-136, pl 2 f 1-4)  
*Acrophylax zerberus* F Brauer, 1867 (Carpathian Mountains)  
*Acrophylax zerberus praecox* F Schmid, 1951 (~*zerberus* F Brauer, 1867, Verh zool bot Ges 17: 742, 743-744)

#### ***Adectophylax* A Neboiss, 1982**

*Adectophylax volutus* A Neboiss, 1982 : AU (Australia)

#### ***Adicella* R McLachlan, 1877**

*Adicella acte* F Schmid, 1994 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Adicella acutangularis* L Yang & JC Morse, 2000 : OL (China (Yunnan))  
*Adicella agastya* F Schmid, 1958 : OL (Sri Lanka)  
*Adicella aglae* F Schmid, 1994 : OL (India)  
*Adicella alcyo* F Schmid, 1994 : OL (India)  
*Adicella altandroconia* L Botosaneanu & K Novak, 1965 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Roumania)  
*Adicella anakpanah* J Huisman & T Andersen, 1997 : OL (Malaysia (Sabah))  
*Adicella androconifera* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Adicella athys* F Schmid, 1994 : OL (India)  
*Adicella balcanica* L Botosaneanu & K Novak, 1965 (Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), Gortania 26: 256 Bosnia)  
*Adicella bavanga* J Huisman & T Andersen, 1997 : OL (Malaysia (Sabah))  
*Adicella bifasciata* DE Kimmins, 1963 : OL (India)  
*Adicella biramosa* AV Martynov, 1936 : OL (India)  
*Adicella byblis* H Malicky, 1998 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))  
*Adicella capitata* L Yang & JC Morse, 2000 : OL (China (Yunnan))  
*Adicella castanea* DE Kimmins, 1963 : OL (India)  
*Adicella chloe* F Schmid, 1994 : OL (India)  
*Adicella clelia* F Schmid, 1994 : OL (India)  
*Adicella clio* F Schmid, 1994 : OL (India)  
*Adicella clotho* F Schmid, 1994 : OL (India)  
*Adicella contorta* G Marlier, 1956 : AT (Democratic Republic of the Congo)  
*Adicella core* F Schmid, 1994 : OL (India)  
*Adicella cremisa* H Malicky, 1972 (Austria)  
*Adicella dahsetuha* J Olah, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))  
*Adicella danae* F Schmid, 1994 : OL (India)  
*Adicella danumensis* J Huisman & T Andersen, 1997 : OL (Malaysia (Sabah))  
*Adicella daphne* F Schmid, 1994 : OL (India)  
*Adicella dharasena* F Schmid, 1961 : OL (Male re-illustrated and reported from India by H Malicky, P

Chantaramongkol, N Saengpradab [sic, Sangpradub], P Chaibu, I Thani, N Changthong, S Cheunbarn, P Laudee, T Prommi, & S Sompong, 2002, *Braueria* 29: 26-27, f 27;

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, *Linzer Biol Beitr* 35(2): 906-907, f 2 Pakistan)

*Adicella dhruvasena* F Schmid, 1961 : OL (Pakistan)

*Adicella dicte* F Schmid, 1994 : OL (India)

*Adicella dionisos* H Malicky, 1977 (Greece)

*Adicella dirce* F Schmid, 1994 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Adicella dryas* F Schmid, 1994 : OL (India)

*Adicella dryope* F Schmid, 1994 : OL (India)

*Adicella ellipsoidalis* L Yang & JC Morse, 2000 : OL (China (Jiangxi))

*Adicella eloa* F Schmid, 1994 : OL (India)

*Adicella elon* H Malicky & T Prommi, 2008 : OL (Male described originally Holotype--Male; THAILAND: Songkla Province, Hat Yai, waterfall behind faculty houses at Prince of Songkla University, 40 m, 07°00'N, 100°30'E, 22-iv-2007, leg T Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella enone* F Schmid, 1994 : OL (India)

*Adicella erato* F Schmid, 1994 : OL (India)

*Adicella eryx* F Schmid, 1994 : OL (India)

*Adicella eucharis* H Malicky, 1976 (Greece)

*Adicella eunoia* F Schmid, 1994 : OL (India)

*Adicella euphrosyne* F Schmid, 1994 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Adicella euryale* F Schmid, 1994 : OL (India)

*Adicella eurynoe* F Schmid, 1994 : OL (India)

*Adicella eurynome* F Schmid, 1994 : OL (India)

*Adicella euryppyle* F Schmid, 1994 : OL (India)

*Adicella eurysthene* F Schmid, 1994 : OL (India)

*Adicella eurythemiste* F Schmid, 1994 : OL (India)

*Adicella evadne* F Schmid, 1994 : OL (Variation of male genitalia reported from Thailand, Indonesia (Sumatra), and China by H Malicky, P Chantaramongkol, N Saengpradab [sic, Sangpradub], P Chaibu, I Thani, N Changthong, S Cheunbarn, P Laudee, T Prommi, & S Sompong, 2002, *Braueria* 29: 24, f 24

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand, China, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

India)

*Adicella evohe* F Schmid, 1994 : OL (India)

*Adicella filicornis* (FJ Pictet, 1834) (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine by B Szczyzny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 Switzerland)

*Mystacide filicornis* FJ Pictet, 1834

Syn.: *Erotosis italica* L Navas, 1934

Syn.: *Leptocerus attenuatus* JF Stephens, 1836

Syn.: *Setodes eremita* JPEF Stein, 1873

Syn.: *Setodes moestella* R McLachlan, 1868

*Adicella fulva* DE Kimmins, 1963 : OL (India)

*Adicella gada* J Huisman & T Andersen, 1997 : OL (Malaysia (Sabah))

*Adicella hakkariensis* H Malicky, 1987 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Turkey)  
*Adicella hakopi* W Mey & R Jung, 1986 (Armenia)  
*Adicella hebe* F Schmid, 1994 : OL (India)  
*Adicella hero* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Doi Tung, 1100 m, 11-2-1992, leg Malicky & Schwendinger; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella hiddekel* H Malicky, 2009 : OL (Male described originally Holotype--Male; LAOS, Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20\*12'N, 104\*01'E, 22-iv-15-v-2008, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)  
*Adicella hypseloknossoios* H Malicky, 1977 (Cyprus)  
*Adicella ilia* H Malicky, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Prapat, Holzweg 2, 10-2-1991, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra)  
*Adicella ino* (HA Hagen, 1858) : OL (Sri Lanka)  
*Setodes ino* HA Hagen, 1858  
*Adicella iole* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Prov Loei, Ban Phangam, 17\*03'N, 101\*46'E, Piangtin Wasserfall, 8-5-2001, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella iphigenie* H Malicky, 2002 : OL (Male described originally

Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Holotype--Male; Philippines: Sibuyan, Tampayan, Ga-ong, Pawala River, 18-3--6-4-1987, leg Roland Mueller; deposited in the H Malicky Collection, Lunz am See, Austria Philippines (Sibuyan))  
*Adicella iphimediaia* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Doi Inthanon, 2300 m, 25-3-1992, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella iturna* H Malicky & N Sangpradub [as "Saengpradab"], 2002 : OL (Male described originally Holotype--Male; Thailand: Pu Kradung National Park, Namtok Penpob, 24-5-1996, leg Sangpradub ["Saengpradab"]; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella josephinae* MA Gonzalez & JC Otero, 1981 (Reported from France by G Coppa, J Le Doare, & M Gonzalez, 2009 ("2008"), Ephemera 19(1): 11-14 Spain)  
*Adicella kalypto* H Malicky, 2002 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Vietnam: Tam Dao, 800-1100 m, 19-5--13-6-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Adicella kanake* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally, also from Indonesia (Sumatra)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Thailand: Kao Soi Dao National Park, 400 m, 23-4-1996, leg Malicky and Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella kassandra* H Malicky, 2002 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; Vietnam: Tam Dao, 800-1100 m, 19-5--13-6-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Adicella klytimestra* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon, 2300 m, unterhalb des Gipfels, 10-iv-1996, leg Malicky

& Chantaramongkol (H Malicky, 2006, Linzer Biologische Beitrage 38(2): 1514), "MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit, 21-22-4-1999, leg Sivec" (originally published data in error); deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella koronis* H Malicky & I Thani, 2002 : OL (Male described originally, also from Indonesia (Sumatra))

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Holotype--Male; Thailand: Mo Paeng Wasserfal (6 km NW Pai) 900 m, 19°23'N, 98°24'E, 11-4-2000, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella kydippe* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring Hot Spring, Sungai Kipungit, 21-22-iv-1999, leg Sivec (H Malicky, 2006, Linzer Biologische Beitrage 38(2): 1514), "Taiwan: Nantou County, W Tatung, 880 m, 24°01'N, 121°05'E, 25-10-1996, leg Sivec" (originally published data in error); deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Adicella lais* F Schmid, 1994 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Adicella lampito* F Schmid, 1994 : OL (India)

*Adicella larentia* H Malicky & S Cheunbarn, 2002 : OL (Male described originally, also from Indonesia (Sumatra) Holotype--Male; Thailand: Doi Inthanon, 1600 m, 25-2-1987, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella leda* F Schmid, 1994 : OL (India)

*Adicella leto* F Schmid, 1994 : OL (India)

*Adicella linearia* W Mey, 1997 : OL (Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Philippines)

*Adicella longicerca* (DE Kimmins, 1963) : OL (Male re-illustrated and reported from Thailand by H Malicky, P Chantaramongkol, N Saengpradab [sic, Sangpradub], P Chaibu, I Thani, N Changthong, S Cheunbarn, P Laudee, T Prommi, & S Sompong, 2002, Braueria 29: 25, f 25 Myanmar)

*Triaenodes longicerca* DE Kimmins, 1963

*Adicella longicornis* L Yang & JC Morse, 2000 : OL (China (Fujian))

*Adicella longiramosa* L Yang & JC Morse, 2000 : OL (Reported from Russia (Khabarovsk Territory) as *Adicella* n sp Yang & Morse by TI Arefina & JC Morse, 2001, Pan-Pacif Entomol 77(2): 78 and by TI Arefina, 2005, Zootaxa 1088: 51, f 4 China (Jiangxi))

*Adicella luzomangyana* W Mey, 2003 : OL (Male described originally near *Adicella mangyana* W Mey and *Adicella paramangyana* W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to Agos River, leg W Mey; pinned; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Adicella maculata* DE Kimmins, 1963 : OL (India)

*Adicella magna* DE Kimmins, 1959 : AT (Uganda)

*Adicella makaria* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; TAIWAN: Nantou County, W Tatung, 880 m, 24°01'N, 121°05'E, 25-x-1996, leg Sivec (H Malicky, 2006, Linzer Biologische Beitrage 38(2): 1514), "Thailand: Doi Inthanon, 2300 m, unterhalb des Gipfels, 10-4-1996, leg Malicky and Chantaramongkol" (originally published data in error); deposited in the H Malicky Collection, Lunz am See, Austria Taiwan)

*Adicella mangyana* W Mey, 1995 : OL (Philippines)

*Adicella medaia* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Huai Nam Ru, 1400 m, 18-4-1989, leg Malicky and Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella melanella* (R McLachlan, 1884) (Portugal)

*Erotosis melanella* R McLachlan, 1884

*Adicella melanella marocana* L Botosaneanu, 1989 (

~*melanella* (R McLachlan, 1884, Rev Syn Add Suppl p 38-39, pl 4 f 1-5), *Erotosis*)

*Adicella meridionalis* KJ Morton, 1906 (Spain)

*Adicella mita* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Adicella monachus* KH Barnard, 1940 : AT (Republic of South Africa)  
*Adicella myrtho* F Schmid, 1994 : OL (India)  
*Adicella najas* (HA Hagen, 1859) : OL (Sri Lanka)  
*Setodes najas* HA Hagen, 1859  
*Adicella narendraya* F Schmid, 1961 : OL (Pakistan)  
*Adicella nigropunctata* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Adicella niobe* F Schmid, 1994 : OL (India)  
*Adicella nyse* F Schmid, 1994 : OL (India)  
*Adicella occidentalis* FM Gibon, 1986 : AT (Male redescribed by T Andersen and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 91-93, f 2 Guinea)  
*Adicella ordinaria* W Mey, 1995 : OL (Philippines)  
*Adicella otos* H Malicky, 2006 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon, 2300 m, 10-iv-1989, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella oviformis* G Ulmer, 1951 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 803, pl 9) Indonesia (Java)  
*Adicella palaimon* H Malicky, 2006 : OL (Male described originally Holotype--Male; VIETNAM: Nam Cat Tien, 17-25-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Adicella palladion* H Malicky, 2006 : OL (Male described originally near *Adicella bavanga* J Huisman & T Andersen

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, 15-31-vii-1976, leg Diehl; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))  
*Adicella pandaros* H Malicky, 2006 : OL (Male described originally Holotype--Male; MALAYSIA: Perak, Belum Expedition, Base camp, 05°30'N, 101°26'E, 250 m, 3-13-iv-1994, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Perak))  
*Adicella papillosa* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Adicella paramangyana* W Mey, 1997 : OL (Philippines)  
*Adicella penicillaris* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Adicella petraios* H Malicky & P Thamsenanupap, 2005 : OL (Male described originally, near *Adicella acutangularis* L Yang & JC Morse Holotype--Male; THAILAND: Prov Chiangmai, Doi Inthanon NP, Mae Pan Noi, 18°31'N, 98°25'E, 750 m, 11-12-viii-2002, leg Thamsenanupap; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Adicella phoebe* F Schmid, 1994 : OL (India)  
*Adicella phyrne* F Schmid, 1994 : OL (India)  
*Adicella ploessli* H Malicky, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Gunung Leuser, kleine Quelle unterhalb des Gipfels bei 3350 m, 3°45'N, 97°10'E, 24-2-1997, leg Ploessl & Tarmann; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))  
*Adicella pulcherrima* G Ulmer, 1906 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 802, pl 9

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))  
*Adicella ragma* H Malicky, 2009 : OL (Male described originally near *Aicella ilia* H Malicky and *Adicella pandaros* H Malicky Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 22-iv-15-v-2008, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)  
*Adicella rectangulata* W Mey, 1997 : OL (Philippines)  
*Adicella reducta* (R McLachlan, 1865) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12



Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 281

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 (Britain)

*Setodes reducta* R McLachlan, 1865

Syn.: *Adicella noguerana* L Navas, 1919

Syn.: *Leptocerus bicolor* JF Stephens, 1836

Syn.: *Mystacides ferruginea* E Pictet, 1865

*Adicella remus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon, beim Koenigstempel, 2000 m, 18\*33'N, 098\*29'E, 8-iv-1989, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella rheia* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Adicella bavanga* J Huisman & T Andersen Holotype--Male; THAILAND: Prov Kanchanaburi, Sai Yok National Park, 100 m, 14\*26'N, 098\*51'E, 17-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella rhesos* H Malicky, 2006 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 21\*28'N, 105\*38'E, 800-1100 m, 19-v--13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Adicella romulus* H Malicky & P Thamsenanupap, 2006 : OL (Male described originally Holotype--Male; THAILAND: Doi Suthep, beim Tempel, 1200 m, 18\*47'N, 098\*55'E, 10-iii-1992, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Adicella samla* H Malicky & W Mey, 2010 : OL (Male described originally near *Adicella byblis* H Malicky and *Adicella linearis* W Mey Holotype--Male; INDONESIA: Zentral-Sulawesi, Puncak, 1000 m, 22-ii-1994, leg ?; deposited in the Zoological Museum, Berlin, Germany Indonesia (Sulawesi))

*Adicella silvestris* DE Kimmins, 1959 : AT (Male redescribed by T Andersen and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 93, f 3)

Misidentified by G Ulmer, 1909, in A Voeltkow (editor), Reise in Ostafrika in den Jahren 1903-1905, as "*Adicella syriaca*" according to T Andersen & RW Holzenthal, 2002, Aquatic Insects 24(2): 161-164 Uganda)

*Adicella similis* G Ulmer, 1932 (included in Chinese fauna by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 7, 84, 91-92, 94, 96, f 117 China (Beijing))

*Adicella starmuehlneri* H Malicky, 1979 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 India (Andaman Islands))

*Adicella syriaca* G Ulmer, 1907 : OL (Not in Afrotropical Region according to T Andersen & RW Holzenthal, 2002, Aquatic Insects 24(2): 161-164)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 "based on material from Lebanon" according to T Andersen & RW Holzenthal, 2002, Aquatic Insects 24(2): 161 Syria (or Lebanon))

*Adicella tarmanni* H Malicky, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Tapanuli, 12 km n Sipirok, 1300 m, 1\*36'N, 99\*19'E, 27-2-1994, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Adicella thais* F Schmid, 1994 : OL (India)

*Adicella thalia* H Malicky, 1976 (Turkey)

*Adicella thalie* F Schmid, 1994 : OL (India)

*Adicella thoas* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Adicella tridigitata* L Yang & JC Morse, 2000 : OL (China (Jiangsu))

*Adicella trifida* DE Kimmins, 1963 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)  
*Adicella triramosa* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Adicella uwuensis* T Andersen and RW Holzenthal, 2002 : AT (Holotype--Male; Ghana: Volta Region, River Uwue south of Lipke Mate, 6-xi-1995, at light, NUFU-project (UMSP); deposited in University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Ghana)  
*Adicella vera* J Olah, 1986 : AT (Tanzania)  
*Adicella visayana* W Mey, 1998 : OL (Male described originally, closely related to *Adicella mangyana* W Mey Holotype--Male; Philippines: Panay, Antique, Culasi, St Vincente, 400 m, at light, 11-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))  
*Adicella zniachtl* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Vietnam)

### ***Adicrophleps* OS Flint, 1965**

*Adicrophleps hitchcocki* OS Flint, 1965 : NA (Predation by *Salvelinus fontinalis* in Maryland reported by JP Bordelais & RM Duffield, 1999, Proc Entomol Soc Washington 101(3): 692-694 United States of America)

### ***Aethaloptera* F Brauer, 1875**

*Aethaloptera dispar* F Brauer, 1875 : AT (Reported from Nigeria (Ile-Ife) by SS Ogbogu, Zootaxa 1088: 25-32)

Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Senegal)

Syn.: *Primerenca maerina* L Navas, 1916

Syn.: *Primerenca maesi* L Navas, 1915

*Aethaloptera evanescens* (R McLachlan, 1880) (Dispersal and distribution of larvae in winter in Selenge and Chikoi Rivers, Russia, reported by NV Bazova & AV Bazov, 2003, Sibirskii Ekologicheskii Zhurnal 0(3): 311-320)

Listed from China (Xinjiang) as *Aethaloptera evanesens* (R McLachlan) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470

Reported from China (Xinjiang, Altai Region) as *Aethaloptera evanesens* by W Wang, JH Zhang, & JY Zhu, 2006, Journal of Shihezi University (Natural Science) 24(5): 544, f 2a-b

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Spatiotemporal distribution in the Selenge River, Russia, discussed by NV Bazova, AV Bazov, NM Pronin, NA Rozhkova, LT Dashibalova, & ZI Khazheeva, 2008, Russian Journal of Ecology 39(6): 438-443 Russia (southern Far East))

*Chloropsyche evanescens* R McLachlan, 1880

Syn.: *Aethaloptera rossica* AV Martynov, 1910

*Aethaloptera gracilis* (AV Martynov, 1935) : OL (India)

*Paraethaloptera gracilis* AV Martynov, 1935

*Aethaloptera maxima* G Ulmer, 1906 : AT (Republic of South Africa)

*Aethaloptera sexpunctata* (F Kolenati, 1859) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Distributed in Thailand and Vietnam and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Setodes sexpunctata* F Kolenati, 1859

Syn.: *Aethaloptera dyakana* N Banks, 1920

Syn.: *Paraethaloptera punctata* N Banks, 1938

### ***Afrorheithrus* JS Weaver III, FM Gibon, & P Chvojka, 2008**

*Afrorheithrus admirabilis* JS Weaver III, FM Gibon, & P Chvojka, 2008 : AT (Male described originally near *Afrorheithrus fallax* JS Weaver III, FM Gibon, P Chvojka and *Afrorheithrus mirus* JS Weaver III, FM Gibon, P Chvojka Holotype--Male; MADAGASCAR: Toamasina Prov, 4 km E Amboditafonana, brook, tributary of Andravina River, basin of Maningory River, 48°46'18"E, 17°27'32"S, approx 840 masl, 28-29-i-2000, P Chvojka leg, swept along slow-flowing brook in rain forest; pinned; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Afrorheithrus fallax* JS Weaver III, FM Gibon, & P Chvojka, 2008 : AT (Male, female, eggmass described originally near *Afrorheithrus mirus* JS Weaver III, FM Gibon, P Chvojka Holotype--Male; MADAGASCAR: Fianarantsoa Prov, 7 km W Ranomafana, 1100 m 22-31-x-1988, WE Steiner, flight-intercept-yellow pan in Malaise trap, island in stream, montane rainforest; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Afrorheithrus mirus* JS Weaver III, FM Gibon, & P Chvojka, 2008 : AT (Male and female described originally near *Afrorheithrus fallax* JS Weaver III, FM Gibon, P Chvojka Holotype--Male; "MADAGASCAR: Mus Pragense"; pinned; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

### ***Agapetus* J Curtis, 1834**

#### **subgenus *Agapetus* J Curtis, 1834**

*Agapetus (Agapetus) abdeel* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Mae Hong Son Prov, Huai Pang Paek, 1200 m, 19°26'N, 098°20'E, 27-iv-2000; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Agapetus (Agapetus) abimelech* H Malicky & W Mey, 2009 : OL (Male described originally near *Agapetus pedarius* W Mey Holotype--Male; CAMBODIA: Cardamon Mts, Cham Kar Chhrey, 350 m, 12°20'N, 103°01'E, 6-iii-2000, leg M Nuss; deposited in the Zoological Museum Berlin, Germany Cambodia)

*Agapetus (Agapetus) ablusus* A Neboiss, 1986 : AU (Male and female redescribed near *Agapetus vicanthicus* A Neboiss by A Wells, 2010, Zootaxa 2420: 5, 16, f 45 Holotype--Male; AUSTRALIA: Victoria, Dee River 2 km NW of Millgrove; NMV-T-8178; deposited in Museum Victoria, Melbourne, Australia (A Wells, 2010, Zootaxa 2420: 16) Australia)

*Agapetus (Agapetus) abram* H Malicky, 2009 : OL (Male described originally near *Agapetus japonicus* M Tsuda and *Agapetus sibiricus* AV Martynov Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit 600 m, 21-22-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Agapetus (Agapetus) adejensis* G Enderlein, 1929 (Spain (Canary Islands))

*Agapetus (Agapetus) ajpetriensis* AV Martynov, 1916 (Genus *Synagapetus* according to H Malicky, 2005, Linzer biol Beitr 37(1): 541

Listed from Ukraine as *Synagapetus ajpetriensis* (Martynov) by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Ukraine)

*Agapetus (Agapetus) alabamensis* SC Harris, 1986 : NA (Male redescribed and larva described from United States of America (Alabama) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 4-5, f 1a-c, map 1 Holotype--Male; UNITED STATES OF AMERICA: Alabama, Tuscaloosa Co, unnamed tributary to Wallace Branch, 5 mi SE of Berry, T17S R10W, S2; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 4) United States of America)

*Agapetus (Agapetus) altineri* F Sipahiler, 1989 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Turkey)

*Agapetus (Agapetus) antikena* F Schmid, 1959 : OL (Pakistan)

*Agapetus (Agapetus) antiyaka* F Schmid, 1959 : OL (Pakistan)

*Agapetus (Agapetus) anuragoda* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) apalapsili* (H Malicky, 1978) : AU (New Guinea)

*Synagapetus apalapsili* H Malicky, 1978

*Agapetus (Agapetus) aphallus* DA Etnier, JT Baxter Jr, & CR Parker, 2010 : NA (Female and larva described originally near *Agapetus avitus* SW Edwards, possibly a parthenogenic species Holotype--

Female; UNITED STATES OF AMERICA: Tennessee, Little Duck R at TN 55, 35-4805\*N, 86-0793\*W, Manchester, Coffee Co, 10 May 2005, emerged 23 May, DA Etnier; EX UT 1.980; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) arcita* DG Denning, 1951 : NA (United States of America)

*Agapetus (Agapetus) artesus* HH Ross, 1938 : NA (Male redescribed from United States of America (Missouri) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, Insecta Mundi 0149: 7-8, f 3a-c, map 3 Holotype--Male; UNITED STATES OF AMERICA: Missouri, Phelps Co, Greer Spring; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 7) United States of America)

*Agapetus (Agapetus) avitus* SW Edwards, 1956 : NA (Male redescribed and larva described from United States of America (Alabama, Kentucky, Mississippi, Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, Insecta Mundi 0149: 8-10, f 4a-c, map 4 United States of America)

*Agapetus (Agapetus) ayodhia* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) baueri* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus jocassee* JC Morse also from North Carolina and Virginia Holotype--Male; UNITED STATES OF AMERICA, Tennessee, Unicoi Co, North Indian Creek at USFS picnic area, 1.2 rd mi E of TN 173 on TN 107, 36-1665\*N, 82-2520\*W, 17 May 1998, DA Etnier, emerged 8 June 1998; EX UT 1-424; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) belareca* L Botosaneanu, 1957 (The species epithet is a geographic name and should not be coordinated in gender Roumania)

*Agapetus (Agapetus) beredensis* M Dakki and H Malicky, 1980 (Morocco)

*Agapetus (Agapetus) bidens* R McLachlan, 1875 : PA ("Habitat in valle Sarafschanensi et prope Schachimardan (Kokan)" Turkestan)

*Agapetus (Agapetus) bidens brevidens* AV Martynov, 1927 (

~*bidens* R McLachlan, 1875, Reise Turkestan Fedtschenko, Neuroptera p 43-44, pl4 f 5-5b)

*Agapetus (Agapetus) bifidus* DG Denning, 1949 : NA (United States of America)

*Agapetus (Agapetus) birgi* (F Sipahiler, 1989) (Genus *Synagapetus* according to H Malicky, 2005, Linzer biol Beitr 37(1): 541 Turkey)

*Synagapetus birgi* F Sipahiler, 1989

*Agapetus (Agapetus) boulderensis* LJ Milne, 1936 : NA (Current velocity and spatial scale as determinants of distribution and abundance of larva provided by TA Wellnitz, NL Poff, G Cosyleon, & B Steury, 2001, Landscape Ecology 16(2): 111-120)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337

Upstream movement of larva described by JB Monroe & JD Olden, 2008, Natural History, May 2008: 64

Reported from Arizona by Blinn & Ruiters, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Agapetus (Agapetus) budoensis* M Kobayashi, 1982 ([male redescribed by T Ito, N Kuhara, & Y Ito, 1997, Biol Inland Waters 12: 20-36] Japan)

*Agapetus (Agapetus) cannensis* A Wells, 2010 : AU (Male described originally near *Agapetus cralus* (ME Mosely) Holotype--Male; AUSTRALIA: Victoria, 37\*25'S, 149\*11'E, Cann River, 33 km N Cann River, 5-ii-1987, Walker & McPhee, NMV [Tri-485, Ag-17]; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Agapetus (Agapetus) cataractae* G Ulmer, 1951 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Agapetus (Agapetus) caucasicus* AV Martynov, 1913 (

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253 Turkey)

*Agapetus (Agapetus) celatus* R McLachlan, 1871 : NA (United States of America)

Syn.: *Agapetus ophionis* HH Ross, 1947

*Agapetus (Agapetus) chinensis* (ME Mosely, 1942) : OL (China (Fuzhou))  
*Pseudagapetus chinensis* ME Mosely, 1942  
*Agapetus (Agapetus) chitraliorum* F Schmid, 1959 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Pakistan)  
*Agapetus (Agapetus) christineae* A Wells, 2010 : AU (Male described originally near *Agapetus neboissi* A Wells Holotype--Male; AUSTRALIA: New South Wales, Kosciuszko National Park, 1.8 km NE of Thredbo, over narrow stream in flowering grassland, Malaise trap, 11-13-i-2002, CL Lambkin, NT Starick, 1480 m, 36°28'49"S, 148°18'51"E; deposited in the Australian National Insect Collection, Canberra, Australia Australia)  
*Agapetus (Agapetus) cocandicus* R McLachlan, 1875 : PA (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2 "Habitat in montibus Alajensis regno Kokanico" Uzbekistan)  
 Syn.: *Allagapetus punjabicus* AV Martynov, 1936  
*Agapetus (Agapetus) cornutus* DG Denning, 1958 : NA (United States of America)  
*Agapetus (Agapetus) cralus* (ME Mosely, 1953) : AU (Male redescribed near *Agapetus pontona* (ME Mosely) and *Agapetus dayi* HH Ross by A Wells, 2010, Zootaxa 2420: 5, 6, f 3, 24 Holotype--Male; AUSTRALIA: Tasmania, Cradle Mountains; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, Zootaxa 2420: 6) Australia)  
*Synagapetus cralus* ME Mosely, 1953  
 Syn.: *Synagapetus styliferus* S Jacquemart, 1965  
*Agapetus (Agapetus) crasmus* HH Ross, 1939 : NA (Male redescribed and larva described from United States of America (Alabama, Tennessee) by DA Etnier, CR Parker, & JT Baxter Jr, 2010, in DA Etnier, CR Parker, JT Baxter Jr, TM Long, Insecta Mundi 0149: 12-13, f 6a-c, map 6 Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Marion Co, Martin Springs; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 12) United States of America)  
*Agapetus (Agapetus) cravensis* J Giudicelli, 1973 (France)  
*Agapetus (Agapetus) cyrnensis* ME Mosely, 1930 (Endemic to geographic Italy (Sardinia, Corsica, Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))  
*Agapetus (Agapetus) dakkii* H Malicky & A Lounaci, 1987 (Morocco)  
*Agapetus (Agapetus) dayi* HH Ross, 1956 : AU (Male redescribed near *Agapetus monticolus* N Banks by A Wells, 2010, Zootaxa 2420: 5, 7, f 4a-b, 26 Holotype--Male; AUSTRALIA: New South Wales, Bathurst; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, Zootaxa 2420: 7) Australia)  
*Agapetus (Agapetus) delicatulus* R McLachlan, 1884 (First record for Hungary reported by O Kiss & D Schmera, 1999, Proc Internatn Symp Trich 9: 171-174;  
 Reported from southwestern Hungary by S Nogradi & A Uherkovich, 2002, Somogyi Muzeumok Kozlomenyei 15, Supplement Termeszettudomány: 129-144  
 Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178  
 Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38  
 Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Pyrenees, Scotland)  
*Agapetus (Agapetus) denningi* HH Ross, 1951 : NA (United States of America)  
*Agapetus (Agapetus) dentatus* (DE Kimmins, 1953) : OL (Myanmar)  
*Synagapetus dentatus* DE Kimmins, 1953  
*Agapetus (Agapetus) diacanthus* SW Edwards, 1956 : NA (Male redescribed and larva described from United States of America (Tennessee) by DA Etnier, CR Parker, & JT Baxter Jr, 2010, in DA Etnier, CR Parker, JT Baxter Jr, TM Long, Insecta Mundi 0149: 13-14, f 7a-c, map 7 Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Sequatchie Co, 1.5 mi NW of Dunlap on TN 108 [but more likely Tennessee, Marion Co, on TN 108 1.5 mi N of Whitwell]; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 13, 14) United States of America)  
*Agapetus (Agapetus) dolichopterus* J Giudicelli & M Dakki, 1980 (Morocco)  
*Agapetus (Agapetus) dundungra* A Wells, 2010 : AU (Male and female described originally near *Agapetus paracralus* A Wells Holotype--Male; AUSTRALIA: New South Wales, Chichester State

Forest, Dundungra Falls, 24-xii-2000, A Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Agapetus (Agapetus) episkopi* H Malicky, 1972 (Greece (Crete))

*Agapetus (Agapetus) evansi* HH Ross, 1956 : AU (Male redescribed near *Agapetus stclairae* A Wells by A Wells, 2010, Zootaxa 2420: 10-11, f 11 Holotype--Male; AUSTRALIA: New South Wales, Ebor; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, Zootaxa 2420: 10) Australia)

*Agapetus (Agapetus) excisus* DE Kimmins, 1953 : OL (Myanmar)

*Agapetus (Agapetus) flinti* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male described originally near *Agapetus iridis* HH Ross Holotype--Male; UNITED STATES OF AMERICA: North Carolina, Jackson Co, EX UT 1-1129, Scotsman Cr at Bullpen Road (SR 1100) 4.1 rd mi W of NC 107, 27.0 air mi WSW of Brevard, 35.02124\*N, 83.11340\*W, 4 June 2008, Jason L Robinson, black light; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) fuscipes* J Curtis, 1834 (Cited as senior synonym by FCJ Fischer, 1971, Trich Cat 12: 36-40)

Larval feeding behavior by G Becker, 1996, Verhandl Westdeutsch Entomol 1996: 125-128

Survival strategies by J Majecki, J Schot, PFM Verdonschot, & LWG Higler, 1997, P Internatn Symp Trich 8: 283-288

Effects of bankside vegetation on distribution & abundance in streams reported by SSC Harrison, IT Harris, A Croeze, R Wiggers, 2001, Internationale Vereinigung fuer Theoretische und Angewandte Limnologie Verhandlungen 27(3): 1480-1484

Case construction, larval size, and crawling rates on substratum with different roughnesses reported by G Becker, 2001, Archiv fuer Hydrobiologie 151(2): 317-334

Probable pheromones in sternum V glands detected by J Bergmann, C Loefstedt, VD Ivanov, W Francke, 2002, Proc Internatn Sym Trich 10: 37-46

Larval variations discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 52

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 Britain)

Syn.: *Agapetus odonturus* L Navas, 1916

Syn.: *Potamaria pictetii* F Kolenati, 1848

Syn.: *Rhyacophila ?incolor* FJ Pictet, 1834

Syn.: *Rhyacophila lanata* FJ Pictet, 1834

Syn.: *Rhyacophila tomentosa* FJ Pictet, 1834

*Agapetus (Agapetus) fuscus* F Vaillant, 1954 (Taxonomy clarified by H Malicky & A Lounaci, 1987, Opusc zool fluminensia 14: 1-20 Algeria)

*Agapetus (Agapetus) gelbae* HH Ross, 1947 : NA (Male redescribed and larva described from United States of America (Alabama, Indiana, Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 16-17, f 9a-c, map 9 Holotype--Male; UNITED STATES OF AMERICA: Indiana, Monroe Co, May's Spring 2 mi SW of Bloomington; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, Insecta Mundi 0149: 16) United States of America)

*Agapetus (Agapetus) grahami* HH Ross, 1956 : OL (China (Sichuan))

*Agapetus (Agapetus) hadimensis* F Sipahiler, 1996 (Turkey)

*Agapetus (Agapetus) hanumata* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) harrisi* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus ibis* DA Etnier, CR Parker, & JT Baxter Jr, *Agapetus meridionalis* DA Etnier, CR Parker, & JT Baxter Jr, and *Agapetus tomus* HH Ross Holotype--Male Pupa; UNITED STATES OF AMERICA: Alabama, Marshall Co, Chandler Branch 0.6 rd mi N of jct co rd 593 on AL 79, 34.4680\*N, 86.2270\*W, 26 April 2000, 23 May, DA Etnier; EX UT 1-607; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) hellenorum* (H Malicky, 1984) (Genus *Synagapetus* according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 542 Greece)

*Synagapetus hellenorum* H Malicky, 1984

*Agapetus (Agapetus) hesperus* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus avitus* SW Edwards Holotype--Male Pupa; UNITED STATES OF AMERICA: Alabama, Lawrence Co, tributary to Hubbard Cr at Forest Service Road 210 bridge, Bankhead National Forest, 34.3052\*N, 87.4995\*W, 15 April 2005, DA Etnier, PL Rakes, CF Saylor, JR and PW Shute; EX UT 1.967; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) hessi* JW Leonard & FA Leonard, 1949 : NA (Male redescribed and larva described from Canada (New Brunswick, Novascotia) and United States of America (Alabama, Kentucky, Maine, Michigan, North Carolina, Virginia, West Virginia) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, *Insecta Mundi* 0149: 20-21, f 12a-c, map 12 Holotype--Male; UNITED STATES OF AMERICA: Michigan, Crawford Co, South Branch Au Sable River, T25N, R2W, S21; deposited in the Museum of Zoology, University of Michigan, Ann Arbor, Michigan, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, *Insecta Mundi* 0149: 20) United States of America)

*Agapetus (Agapetus) ibis* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally also from Alabama and Tennessee Holotype--Male; UNITED STATES OF AMERICA: Georgia, Dade Co, Skyuka Spring, 34.9096\*N, 85.3884\*W, Chattanooga and Chickamauga National Military Park, 8 May 2007, black light, CR Parker, JL Robinson; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) illini* HH Ross, 1938 : NA (Male redescribed and larva described from United States of America (Arkansas, Idaho, Indiana, Kentucky, Missouri, Oklahoma, Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, *Insecta Mundi* 0149: 23-24, f 14a-c, map 14 Holotype--Male; UNITED STATES OF AMERICA: Illinois, Pope Co, Herod; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, TM Long, 2010, *Insecta Mundi* 0149: 23) United States of America)

*Agapetus (Agapetus) incertulus* R McLachlan, 1884 (Larva described by A Ruiz, JC Salamanca-Orcana, & M Ferreras-Romero, 2004, *Aq Ins* 26(3-4): 153-159, f 1-15)

Larval distributions in Vizcaya, Spain (G de Jalon, 1982, *SHILAP Rev de lepidopterologia* 19(37-39): 75-78), are in error according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 51 Portugal)

Syn.: *Agapetus berbericus* J Giudicelli & M Dakki, 1980

*Agapetus (Agapetus) iridis* HH Ross, 1944 : NA (Male redescribed and larva described from United States of America (Alabama, Connecticut, Massachusetts, North Carolina, New Hampshire, New York, Pennsylvania, South Carolina, Tennessee, Virginia) and Canada (Quebec) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 24-25, f 15a-c, map 15 Holotype--Male; UNITED STATES OF AMERICA: New York, Essex Co, small creek near Tahawus, Adirondack State Park; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 24) United States of America)

*Agapetus (Agapetus) jafiwi* HH Ross, 1951 : AU (New Guinea)

*Agapetus (Agapetus) jakutorum* AV Martynov, 1934 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Yakutsk, Russia (central Siberia))

*Agapetus (Agapetus) joannia* DG Denning, 1965 : NA (United States of America)

*Agapetus (Agapetus) jocassee* JC Morse, 1989 : NA (Larva described by JS Craft & JC Morse, 1997, *J Entomol Sci* 32(4): 377-385)

Male and larva redescribed from United States of America (Georgia, North Carolina, South Carolina,

Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 25-26, f 16a-c, map 16 Holotype--Male; UNITED STATES OF AMERICA: North Carolina/South Carolina border, Coley Creek; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 25) United States of America)

*Agapetus (Agapetus) karabagi* F Cakin, 1983 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38 Turkey)

*Agapetus (Agapetus) kashmirensis* DE Kimmins, 1953 : OL (India)

*Agapetus (Agapetus) kimminsi* HH Ross, 1956 : AU (Male and female redescribed near *mittamitta* A Wells by A Wells, 2010, *Zootaxa* 2420: 5, 14, f 17a-b, 41 Holotype--Male; AUSTRALIA: Victoria, Fernshaw; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, *Zootaxa* 2420: 14) Australia)

*Agapetus (Agapetus) kirchneri* CR Parker, DA Etnier, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus hessi*, *Agapetus spinosus*, and *Agapetus walkeri*, from United States of America (Tennessee, Virginia) Holotype--Male Pupa; UNITED STATES OF AMERICA: Virginia, Lee Co, Station Creek at horse barn, 36.6040\*N, 083.6285\*W, Cumberland Gap National Historical Park, 5 April 2007, emerged 25 Apr - 7 May, JL Robinson; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) kirgisorum* AV Martynov, 1927 : PA (Kirghizstan)

*Agapetus (Agapetus) kithmalie* (P Chantaramongkol & H Malicky, 1986) : OL (Sri Lanka)

*Synagapetus kithmalie* P Chantaramongkol & H Malicky, 1986

*Agapetus (Agapetus) komanus* (M Tsuda, 1942) (Japan)

*Synagapetus komanus* M Tsuda, 1942

*Agapetus (Agapetus) kumudumalie* (P Chantaramongkol & H Malicky, 1986) : OL (Sri Lanka)

*Synagapetus kumudumalie* P Chantaramongkol & H Malicky, 1986

*Agapetus (Agapetus) laniger* FJ Pictet, 1834 (Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, *Lauterbornia* 56: 155-167

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Europe)

Syn.: *Agapetus pactus* R McLachlan, 1879

*Agapetus (Agapetus) laparus* A Neboiss, 1977 : AU (Male redescribed near *Agapetus cralus* (ME Mosely) by A Wells, 2010, *Zootaxa* 2420: 5, 6, f 25 Australia)

*Agapetus (Agapetus) latosus* HH Ross, 1951 : AU (New Guinea)

*Agapetus (Agapetus) lepetimnos* H Malicky, 1976 (Greece (Lesbos))

*Agapetus (Agapetus) malleatus* N Banks, 1914 : NA (United States of America)

*Agapetus (Agapetus) marlo* LJ Milne, 1936 : NA (United States of America)

*Agapetus (Agapetus) medicus* HH Ross, 1938 : NA (Male redescribed and larva described from United States of America (Arkansas) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 27-28, f 18a-c, map 18 Holotype--Male; UNITED STATES OF AMERICA: Arkansas, Garland Co, McFadden Springs (Three Sisters Springs), Lake Ouachita State Park; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 29) United States of America)

*Agapetus (Agapetus) membrosus* HH Ross, 1951 : OL (China (Sichuan))

*Agapetus (Agapetus) meridionalis* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus vireo* HH Ross Holotype--Male Pupa: UNITED STATES OF AMERICA: Georgia, Floyd Co, spring run at Everett Springs Road 0.6 rd mi N of entrance to Boy Scouts of America Camp Sidney Dew, 34.5365\*N, 085.1076\*W, 6 April 1999, emerged 19 April, DA Etnier; EX UT 1.453; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) minutus* CK Sibley, 1926 : NA (Male redescribed and larva described from United States of America (Delaware, Kentucky, Massachusetts, North Carolina, New York, Pennsylvania, Tennessee, Virginia, West Virginia) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 31-33, f 20a-c, map 20 Holotype--Male; UNITED STATES OF AMERICA: New York, Tompkins Co, McLean; deposited in the Cornell University Insect Collection, Cornell University, Ithaca, New York, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 31) United States of America)

*Agapetus (Agapetus) mittamitta* A Wells, 2010 : AU (Male described originally near *Agapetus kimminsi* HH Ross Holotype--Male; AUSTRALIA: Victoria, 36\*07'D, 148\*E, Murray River, 10 km NW Khancoban, 31-i-1998, Wells & de Moor; Ag 006; deposited in the Australian National Insect



Collection, Canberra, Australia Australia)

*Agapetus (Agapetus) montanus* DG Denning, 1949 : NA (United States of America)

*Agapetus (Agapetus) monticolus* N Banks, 1939 : AU (Ecology provided by R Marchant & G Hehir, 1999, Freshw Bio 42(4): 655-671

Male redescribed near *Agapetus dayi* HH Ross by A Wells, 2010, Zootaxa 2420: 5, 14-15, f 19, 43  
Holotype--Male; AUSTRALIA: New South Wales, Mt Kosciusko; deposited in the Australian National Insect Collection, Canberra, Australia (A Wells, 2010, Zootaxa 2420: 14) Australia)

*Agapetus (Agapetus) mossmanensis* A Wells, 2010 : AU (Male described originally in the *Agapetus monticolus* Group near *Agapetus jafiwi* HH Ross Holotype--Male; AUSTRALIA: N Queensland, Boulder Creek, Mossman, 1997, G Theischinger; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Agapetus (Agapetus) muelleri* A Wells, 2010 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Queensland, Upper Freshwater Creek, Whitfield Range, 15-xii-1974, MS Moulds, NMV PT-2025; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Agapetus (Agapetus) nevoissi* A Wells, 2010 : AU (Male and female described originally near *Agapetus christineae* A Wells Holotype--Male; AUSTRALIA: Victoria, Cement Creek, Mt Donna Buang Road [Mount Donna Buang Reserve], 12-i-1978, A Neboiss; deposited in Museum Victoria, Melbourne, Australia Australia)

*Agapetus (Agapetus) nimbulus* R McLachlan, 1879 (Reported from the Iberian Peninsula by C Zamora-Munoz, JM Poquet, J Alba-Tercedor, & N Bonada, 2006, Boletin de la Asociacion Espanola de Entomologia 30(3-4): 187-189 central Europe)

*Agapetus (Agapetus) nivodacus* VD Ivanov, 1992 (Tajikistan)

*Agapetus (Agapetus) nokowoula* A Neboiss, 1986 : AU (Vanuatu)

*Agapetus (Agapetus) numidicus* F Vaillant, 1954 (Algeria)

*Agapetus (Agapetus) oblongatus* AV Martynov, 1913 (Genus *Synagapetus* according to H Malicky, 2005, Linzer biol Beitr 37(1): 542 Georgia, Russia (Caucasus))

*Agapetus (Agapetus) occidentis* DG Denning, 1949 : NA (United States of America)

*Agapetus (Agapetus) ochripes* J Curtis, 1834 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Adult maxillary palp illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 150;

Probable pheromones in sternum V glands detected by J Bergmann, C Loefstedt, VD Ivanov, W Francke, 2002, Proc Internatn Sym Trich 10: 37-46;

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), Gortania 26: 246

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Diurnal dynamics of emergence in far northern Russia (Kola Peninsula) discussed by IA Baryshev, 2008, Russian Journal of Ecology 39(5): 379-381

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Europe)

Syn.: *Agapetus comatus* FJ Pictet, 1834

Syn.: *Hydroptila pumilio* JW Zetterstedt, 1840

*Agapetus (Agapetus) ohiya* DE Kimmins, 1953 : OL (Sri Lanka)

*Agapetus (Agapetus) oramatama* (H Malicky, 1978) : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Synagapetus oramatama* H Malicky, 1978

*Agapetus (Agapetus) orontes* H Malicky, 1980 (Syria)

*Agapetus (Agapetus) orosus* DG Denning, 1950 : NA (United States of America)

*Agapetus (Agapetus) paluma* A Wells, 2010 : AU (Male described originally near *Agapetus cralus* (ME Mosely) Holotype--Male; AUSTRALIA: Queensland, Birthday Creek Falls, Birthday Creek near Paluma, AL Sheldon, 6-xii-1993; NMV PT-2027, WTH-2667; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Agapetus (Agapetus) paracralus* A Wells, 2010 : AU (Male and female described originally near *Agapetus paluma* A Wells, *Agapetus cralus* (ME Mosely), and *Agapetus pontona* (ME Mosely) Holotype--Male; AUSTRALIA: Victoria, Aire River, 4 km NE Glenaire, 4-xii-1972; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Agapetus (Agapetus) pegram* DA Etnier, JT Baxter Jr, & CR Parker, 2010 : NA (Male and larva described originally near *Agapetus styliifer* DA Etnier, JT Baxter Jr, & CR Parker Holotype--Male Pupa; UNITED STATES OF AMERICA: Tennessee, Cheatham Co, Cave Spring, Pegram, 36.1070\*N, 087.0462\*W, 27 March 1998, emerged 19 April, DA Etnier, CJ Paxton, CE Skelton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) pinatus* HH Ross, 1938 : NA (Male redescribed and larva described from United States of America (Alabama, Connecticut, Georgia, Maine, Mississippi, North Carolina, New Hampshire, New York, Pennsylvania, Tennessee, Virginia, Vermont) and Canada (New Brunswick, Quebec) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 35-36, f 22a-c, map 22 Holotype--Male: UNITED STATES OF AMERICA: Tennessee, Sevier Co, Great Smoky Mountains National Park, Elkmont; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 35) United States of America)

*Agapetus (Agapetus) pontona* ME Mosely, 1953 : AU (Ecology provided by R Marchant & G Hehir, 1999, Freshw Bio 42(4): 655-671

Male redescribed near *Agapetus cralus* (ME Mosely) by A Wells, 2010, Zootaxa 2420: 5, 7, f 1a-b, 27 Holotype--Male; AUSTRALIA: New South Wales, Hampton; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, Zootaxa 2420: 7) Australia)

*Agapetus (Agapetus) productus* (DE Kimmins, 1962) : AU (Papua New Guinea)

*Synagapetus productus* DE Kimmins, 1962

*Agapetus (Agapetus) quadratus* ME Mosely, 1930 (France (Corsica))

*Agapetus (Agapetus) rama* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) rawana* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) rectigonopoda* L Botosaneanu, 1957 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Roumania)

*Agapetus (Agapetus) ruiteri* CR Parker, DA Etnier, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus minutus* CK Sibley Holotype--Male Pupa; UNITED STATES OF AMERICA: Tennessee, Polk County, spring run in US Forest Service Quinn Springs Campground, TN 30 1.7 rd mi SE of US 411, 35.2290\*N, 084.5460\*W, 12 May 1977, DA Etnier, GA Schuster; EX UT 1.104; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) salomonis* (DE Kimmins, 1957) : AU (Solomon Islands (Guadalcanal))

*Synagapetus salomonis* DE Kimmins, 1957

*Agapetus (Agapetus) segovicus* F Schmid, 1952 (Diagnostic characters and description of last instar larva provided by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1998 ("1997"), NACC Biologia 8: 263-270, figs Spain)

*Agapetus (Agapetus) selgensis* F Sipahiler, 2005 (Male and female described originally, near *Agapetus hadimensis* F Sipahiler, 1996 Holotype--Male; TURKEY: Antalya, Beskonak, Koepruecay (37\*10'N, 31\*11'E), near the ancient city of Selge, 50 m, 21-V-2003, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Agapetus (Agapetus) sheldoni* A Wells, 2010 : AU (Male and female described originally near *Agapetus ulmeri* HH Ross Holotype--Male; AUSTRALIA: Queensland, 18\*57'S, 146\*10'E, Mt Spec State Forest, Birthday Creek above weir, 6-xii-1993, AL Sheldon; deposited in Museum Victoria, Melbourne, Australia Australia)

*Agapetus (Agapetus) sibiricus* AV Martynov, 1918 (Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Distributed in Japan (Hokkaido, Honshu, Kyushu) and Russia (Kurile, Sakhalin) according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Hiroshima Prefecture (Japan), as *Agapetus japonicus* M Tsuda, by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Russia (southern Siberia - Sajon Mountains)

Syn.: *Synagapetus japonicus* M Tsuda, 1940

*Agapetus (Agapetus) sindis* DE Kimmins, 1953 : OL (India)

*Agapetus (Agapetus) sita* F Schmid, 1958 : OL (Sri Lanka)

*Agapetus (Agapetus) slavorum* L Botosaneanu, 1960 (Genus *Synagapetus* according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 542 Bosnia)

*Agapetus (Agapetus) spinosus* DA Etnier & JD Way, 1973 : NA (Male redescribed and larva described from the United States of America (Alabama, Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 38-39, f 24a-c, map 24 Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Cumberland Co, University of Tennessee Plateau Experiment Station, 6 rd mi W of Crossville, US 70; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 38) United States of America)

*Agapetus (Agapetus) stclairae* A Wells, 2010 : AU (Male and female described originally near *Agapetus evansi* HH Ross Holotype--Male; AUSTRALIA: New South Wales, Manning River, Pheasant Creek Road, 31°53'S, 151°29'E, 03--xii-2007, A Glaister, J Dean & R StClair; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Agapetus (Agapetus) stylifer* DA Etnier, JT Baxter Jr, & CR Parker, 2010 : NA (Male and larva described originally near *Agapetus pegram* DA Etnier, JT Baxter Jr, & CR Parker Holotype--Male Pupa; UNITED STATES OF AMERICA: Tennessee, DeKalb Co, Smith Fork trib 0.5 rd mi W of US 70 on TN 96, 36.0140°N, 086.0021°W, 18 April 2000, emerged 28 April 2000, DA Etnier; EX UT 1.596; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Agapetus (Agapetus) tadzhikorum* VD Ivanov, 1992 (Tajikistan)

*Agapetus (Agapetus) taho* HH Ross, 1947 : NA (United States of America)

*Agapetus (Agapetus) tapaiacus* F Schmid, 1965 (China ("Tapai Shan"))

*Agapetus (Agapetus) tasmanicus* (ME Mosely, 1953) : AU (Male and female redescribed near *Agapetus kimminsi* HH Ross, *Agapetus mittamitta* A Wells, *Agapetus monticolus* N Banks, *Agapetus christineae* A Wells, and *Agapetus ablasus* A Neboiss by A Wells, 2010, *Zootaxa* 2420: 5, 13, f 2, 40 Holotype--Male; AUSTRALIA: Tasmania, New Norfolk; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2010, *Zootaxa* 2420: 13) Australia)

*Synagapetus tasmanicus* ME Mosely, 1953

*Agapetus (Agapetus) theischingeri* H Malicky, 1980 (Spain)

*Agapetus (Agapetus) tomus* HH Ross, 1941 : NA (Recollected, rare, locally abundant in Minnesota by DC Houghton & RW Holzenthal, 2004, *Great Lakes Entomol* 36(1): 35-40

Male redescribed and larva described from United States of America (Alabama, Georgia, Kentucky, Michigan, Minnesota, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia) by DA Etnier, CR 41-42, f 26a-c, map 2639-41, f 25a-c, map 25 Holotype--Male; UNITED STATES OF AMERICA: Georgia, Whitfield Co, Swamp Cr 7 mi S of Dalton; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, *Insecta Mundi* 0149: 41) United States of America)

*Agapetus (Agapetus) triangularis* AV Martynov, 1935 : OL (Reported from Bhutan by F Schmid, 1975, *Entomol Basiliensia* 1: 77-86, and H Malicky, 2007, *Linzer biol Beitr* 39(1): 495

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Agapetus (Agapetus) tricornutus* DA Etnier, CR Parker, & JT Baxter Jr, 2010 : NA (Male and larva described originally near *Agapetus alabamensis* SC Harris Holotype--Male ; UNITED STATES OF AMERICA: Alabama, Jefferson Co, stream 1.5 rd mi W of US 11 on continuation of St Clair co rd 30,

33.7345\*N, 086.5379\*W, 13 April 1999, emerged 17 April 1999, DA Etnier; EX UT 1.464; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (United States of America)

*Agapetus (Agapetus) tridens* R McLachlan, 1875 : PA (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 Probably Kazakhstan according to VD Ivanov, 1996, in litt)

*Agapetus (Agapetus) tubrabucca* A Wells, 2010 : AU (Male and female described originally near *Agapetus paracralus* A Wells Holotype--Male; AUSTRALIA: New South Wales, Tubrabucca, Barrington Tops, 15-xi-1953, A Neboiss; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

Syn.: *Synagapetus styliferus* S Jacquemart, 1965

*Agapetus (Agapetus) turcomanorum* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Agapetus (Agapetus) ulmeri* HH Ross, 1951 : AU (New Guinea)

*Agapetus (Agapetus) vicanthicus* A Neboiss, 1988 : AU (Nomen novum for *Agapetus diacanthus* A Neboiss, 1986)

Male redescribed by A Wells, 2010, Zootaxa 2420: 5, 11, f 34 Australia)

Syn.: *Agapetus diacanthus* A Neboiss, 1986

*Agapetus (Agapetus) vireo* HH Ross, 1941 : NA (Male redescribed from United States of America (Alabama, Georgia, Tennessee) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 44-45, f 28a-c, map 28 Holotype--Male; UNITED STATES OF AMERICA: Georgia, Whitfield Co, Swamp Cr 7 mi S of Dalton; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 44) United States of America)

*Agapetus (Agapetus) walkeri* (C Betten & ME Mosely, 1940) : NA (Probable larva described by GB Wiggins, 1977, Larvae of the North American Caddisfly Genera, and 1996, Larvae of the North American Caddisfly Genera, 2nd edition, according to DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 47)

Male redescribed and larva described from United States of America (Alabama, Connecticut, Georgia, Massachusetts, Maryland, Maine, Minnesota, North Carolina, New Hampshire, Pennsylvania, South Carolina, Tennessee, Virginia, West Virginia) and Canada (New Brunswick, Novascotia, Ontario) by DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 46-47, f 29a-c, map 29 Holotype--Male; CANADA: Ontario, St Martin's Falls, Albany River, Hudson Bay; deposited in The Natural History Museum, London, United Kingdom (DA Etnier, CR Parker, JT Baxter Jr, & TM Long, 2010, Insecta Mundi 0149: 46) Canada)

*Synagapetus walkeri* C Betten & ME Mosely, 1940

Syn.: *Agapetus rossi* DG Denning, 1941

*Agapetus (Agapetus) zwicki* A Wells, 2010 : AU (Male described originally near *Agapetus monticolus* N Banks and *Agapetus dundungra* A Wells Holotype--Male; AUSTRALIA: Victoria, Eucumbene River, below Kiewa, 22-x-1972, Zwick; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

#### **subgenus *Synagapetus* R McLachlan, 1879**

*Agapetus (Synagapetus) agilis* (KH Barnard, 1934) : AT (Republic of South Africa)

*Myspoleo agilis* KH Barnard, 1934

*Agapetus (Synagapetus) aineias* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264)

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Nepal)

*Agapetus (Synagapetus) albomaculatus* (DE Kimmins, 1953) : OL (Myanmar)

*Synagapetus albomaculatus* DE Kimmins, 1953

*Agapetus (Synagapetus) anakdacing* H Malicky, 1995 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Agapetus (Synagapetus) anaksatu* H Malicky, 1995 : OL (China (Sichuan))

*Agapetus (Synagapetus) anatolicus* (F Cakin, 1983) (Listed from northwestern Turkey as *Synagapetus anatolicus* F Cakin by F Sipahiler, 2007, Braueria 34: 38 Turkey)

*Synagapetus anatolicus* F Cakin, 1983

*Agapetus (Synagapetus) antilochos* H Malicky, 1998 : OL (Indonesia (Java))

*Agapetus (Synagapetus) armatus* (R McLachlan, 1879) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria)

*Pseudagapetus armatus* R McLachlan, 1879

*Agapetus (Synagapetus) arvernensis* (H Malicky, 1980) (France)

*Synagapetus arvernensis* H Malicky, 1980

*Agapetus (Synagapetus) atuus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) barang* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) basagureni* MA Gonzalez & L Botosaneanu, 1995 (Spain)

*Agapetus (Synagapetus) caimoc* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) cenumarus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) clio* (H Malicky, 1976) (southern Balkan Peninsula)

*Synagapetus clio* H Malicky, 1976

*Agapetus (Synagapetus) dagunagari* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Agapetus (Synagapetus) danbang* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) dangorum* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) desom* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) diversus* (R McLachlan, 1884) (Portugal)

*Pseudagapetus diversus* R McLachlan, 1884

Syn.: *Pseudagapetus rotundatus* L Navas, 1930

*Agapetus (Synagapetus) dubitans* (R McLachlan, 1879) (Reported from France by G Coppa, A Manach, & J Le Doare, 2004("2003"), Ephemera 5(1): 19-22 France, central Europe)

*Synagapetus dubitans* R McLachlan, 1879

*Agapetus (Synagapetus) eriopus* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) esinertus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) foliatus* (DE Kimmins, 1953) : OL (Myanmar)

*Synagapetus foliatus* DE Kimmins, 1953

*Agapetus (Synagapetus) gonophorus* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) gorgitensis* F Sipahiler, 1996 (Turkey)

*Agapetus (Synagapetus) gotgian* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) haimon* H Malicky, 2003 : OL (Male described originally Holotype--Male; India: Himachal Pradesh, Naggar Nala, 11-5-1997; deposited in the H Malicky Collection, Lunz am See, Austria India)

*Agapetus (Synagapetus) halong* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) hamatus* HH Ross, 1956 : OL (China (Guangdong))

*Agapetus (Synagapetus) inaequispinosus* F Schmid, 1970 (Reported from Japan by T Ito, A Ohkawa, M Uenishi, & N Kuhara, 1999, Biol Inland Waters 14: 16-27

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Mongolia, Kamchatka)

*Agapetus (Synagapetus) incurvatus* (DE Kimmins, 1953) : OL (Myanmar)  
*Synagapetus incurvatus* DE Kimmins, 1953  
*Agapetus (Synagapetus) insons* (R McLachlan, 1879) (Reported from Spain as *Synagapetus insons* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 France)  
*Pseudagapetus insons* R McLachlan, 1879  
 Syn.: *Pseudagapetus vernus* L Navas, 1932  
*Agapetus (Synagapetus) iridipennis* (R McLachlan, 1879) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland, central Europe)  
*Synagapetus iridipennis* R McLachlan, 1879  
 Syn.: *Synagapetus ater* F Klapalek, 1904  
 Syn.: *Synagapetus degrangei* F Vaillant, 1967  
*Agapetus (Synagapetus) jiriensis* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Agapetus (Synagapetus) kithmalie* (P Chantaramongkol & H Malicky, 1986) : OL (Sri Lanka)  
*Synagapetus kithmalie* P Chantaramongkol & H Malicky, 1986  
*Agapetus (Synagapetus) kongcanxing* J Olah, 1988 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)  
*Agapetus (Synagapetus) krawanyi* (G Ulmer, 1938) (Recorded from Italy by F Cianficconi, C Corallini-Sorcetti, & G Moretti, 1999, Proc internatn Symp Trich 9: 55-63

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Austria)

*Synagapetus krawanyi* G Ulmer, 1938  
*Agapetus (Synagapetus) kumudumalie* (P Chantaramongkol & H Malicky, 1986) : OL (Sri Lanka)  
*Synagapetus kumudumalie* P Chantaramongkol & H Malicky, 1986  
*Agapetus (Synagapetus) lalus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Agapetus (Synagapetus) liguricus* (H Malicky, 2011) (Male described originally near *Agapetus iridipennis* (R McLachlan) and *Agapetus lusitanicus* (H Malicky) Holotype--Male; ITALY: Savona, Verzi, 240 m, 44\*09'N, 08\*13'E, 19-vi-2010, leg H Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Italy)  
*Synagapetus liguricus* H Malicky, 2011  
*Agapetus (Synagapetus) lusitanicus* (H Malicky, 1980) (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Nouv Revue Entomol (NS) 18(1): 15-29, f 2, 4-25, 27 Portugal)  
*Synagapetus lusitanicus* H Malicky, 1980  
*Agapetus (Synagapetus) mahadhyandika* (F Schmid, 1959) : OL (Reported from Bhutan (as *Agapetus "mahadhyandica"*) by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Pakistan)  
*Synagapetus mahadhyandika* F Schmid, 1959  
*Agapetus (Synagapetus) maharikhita* (F Schmid, 1959) : OL (Pakistan)  
*Synagapetus maharikhita* F Schmid, 1959  
*Agapetus (Synagapetus) marlierorum* (L Botosaneanu, 1980) (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Nouv Revue Entomol (NS) 18(1): 15-29, f 1, 3, 26, 28-39 Portugal)  
*Synagapetus marlierorum* L Botosaneanu, 1980  
*Agapetus (Synagapetus) mitis* (DE Kimmins, 1953) : OL (Myanmar)  
*Synagapetus mitis* DE Kimmins, 1953  
*Agapetus (Synagapetus) montanus* (K Kumanski, 1985) (Bulgaria)  
*Synagapetus montanus* K Kumanski, 1985  
*Agapetus (Synagapetus) moselyi* (G Ulmer, 1938) (Austria)  
*Pseudagapetus moselyi* G Ulmer, 1938  
*Agapetus (Synagapetus) murinus* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Myspoleo murinus* KH Barnard, 1934  
*Agapetus (Synagapetus) oinopion* H Malicky, 2007 : OL (Maled described originally near *Agapetus dagunagari* H Malicky Holotype--Male; BHUTAN: Punakha, Dungkhar Rongchhu, 27\*39'N, 89\*46'E, 1370 m, 24-iv-2006, Graf & Malicky, lichtfallen und Tagfang, Bach in engem Tal mit ungestoertem, dichtem, subtopischem Walk, aehnlich wie Ort 8; deposited in NECS, Thimphu Bhutan)  
*Agapetus (Synagapetus) padanus* (E Bertuetti, O Lodovici, & M Valle, 2004) (Male described originally, with affinity to "*Synagapetus krawanyi*" and "*Synagapetus dubitans*"

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Lombardia, Provincia di

Bergamo, Bergamo m 250, Astino, 30-iv-7-v-2004, Trappola cromotropica leg Lodovici O, Pantini P; deposited in Museo di Bergamo, Bergamo, Italy Italy)

*Synagapetus padanus* E Bertuetti, O Lodovici, & M Valle, 2004

*Agapetus (Synagapetus) phorkys* H Malicky & A Nuntakwang, 2007 : OL (Male described originally near *Agapetus viricatus* H Malicky & P Chantaramongkol, *Agapetus lalus* H Malicky & P

Chantaramongkol Holotype--Male; THAILAND: Chiangmai Prov, Chiang Dao Wildlife Research Centre, 520 m, 19°21'N, 98°55'E, February 2003, leg A Nuntakwang; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Agapetus (Synagapetus) placidus* (L Navas, 1918) (Synonym of *Agapetus diversus* according to F Schmid, 1950, Eos 25: 314

Reported from Spain as *Synagapetus placidus* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra as *Synagapetus placidus* by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 Spain)

*Pseudagapetus placidus* L Navas, 1918

*Agapetus (Synagapetus) punctatus* HA Hagen, 1859 (Portugal (Madeira))

Syn.: *Lanagapetus lundbladi* ME Mosely, 1938

*Agapetus (Synagapetus) quordus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) rudis* HA Hagen, 1859 : OL (Sri Lanka)

*Agapetus (Synagapetus) rupestris* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus (Synagapetus) sarayensis* F Sipahiler, 1996 (Turkey)

*Agapetus (Synagapetus) serotinus* (L Navas, 1919) (A synonym of *Agapetus insons* according to F Schmid, 1950, Eos 25: 314

Reported from Spain as *Synagapetus serotinus* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Spain)

*Pseudagapetus serotinus* L Navas, 1919

*Agapetus (Synagapetus) sexipalpus* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Agapetus (Synagapetus) tamrangensis* (DE Kimmins, 1964) (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Synagapetus tamrangensis* DE Kimmins, 1964

*Agapetus (Synagapetus) truncatus* AV Martynov, 1913 (Genus *Agapetus* (and not genus *Synagapetus*) according to H Malicky, 2005, Linzer biol Beitr 37(1): 541 Georgia)

*Agapetus (Synagapetus) ungulatus* (ME Mosely, 1939) : AT (Uganda)

*Afragapetus ungulatus* ME Mosely, 1939

*Agapetus (Synagapetus) ungulatus exsectus* DE Kimmins, 1959 (

~*ungulatus* (ME Mosely, 1939, Ruwenzori Exp 3 no 1: 34-35, f 104-108), *Afragapetus*)

*Agapetus (Synagapetus) vercondarius* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) viricatus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) voccus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Agapetus (Synagapetus) zniachtl* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

#### **subgenus *Tagapetus* HH Ross, 1951**

*Agapetus (Tagapetus) abbreviatus* G Ulmer, 1913 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 796, pl 1

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Agapetus (Tagapetus) agtuuganonis* W Mey, 1997 (Philippines)

*Agapetus (Tagapetus) alicae* A Neboiss & L Botosaneanu, 1988 : OL (Male and female described originally Holotype--Male; INDONESIA: Sulawesi Utara, Motolanga River, Dolodua-Malibagu Road, 00°28'N, 123°58'E, at light, 9-v-1985, A Wells and C Dowling; MNM T-9719; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Agapetus (Tagapetus) bapto* W Mey, 1998 : OL (Male described originally near *Agapetus curvidens* G Ulmer and *Agapetus agtuuganonis* W Mey Holotype--Male; Philippines: Palawan, Balsahan, 20 km E of Puerto Princesa, 3-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Agapetus (Tagapetus) curvidens* G Ulmer, 1930 : OL (Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines)

*Agapetus (Tagapetus) gunungus* A Neboiss & L Botosaneanu, 1988 : OL (Male described originally Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga Bone National Park, Edwards Camp near Tumpah River 650 m, 00°35'N, 123°51'E, MV light, 22-v-1985, A Wells; genitalia prep PT-1509 figured; MVM T-9707; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Agapetus (Tagapetus) kekrops* H Malicky, 2004 : OL (Male described originally near *Agapetus abbreviatus*, *Agapetus curvidens*, *Agapetus lindus*, and *Agapetus torautus* Holotype--Male; Indonesia: Jawa Timur, Waldach westlich Trawas, 800 m, 7°40'S, 112°35'E, 21-iv-2003, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Java Timor))

*Agapetus (Tagapetus) lindus* A Neboiss & L Botosaneanu, 1988 : OL (Male and female described originally

Considered related to subgenus *Tagapetus* species by Malicky, 2004, Braueria 31: 37 Holotype--Male; INDONESIA: Sulawesi Palu, 50 km SE of Lore Lindu National Park, Sopo River near Dongi Dongi, 950 m, 8-xii-1985, J van Tol; deposited in the Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands Indonesia (Sulawesi))

*Agapetus (Tagapetus) torautus* A Neboiss & L Botosaneanu, 1988 : OL (Male and female described originally near *Agapetus lindus* A Neboiss & L Botosaneanu

Spelled "*Agapetus torantus*" and considered related to subgenus *Tagapetus* species by Malicky, 2004, Braueria 31: 37 Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga Bone National Park, Toraut and Tumpah River junction, 00°34'N, 123°55'E, light trap, 16-v-1985, A Wells; MVM T-9714; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Agapetus (Tagapetus) unicuspidalis* (W Mey, 1990) : OL (Philippines)

*Synagapetus unicuspidalis* W Mey, 1990

*Agapetus annulicornis* S Matsumura, 1931 (Japan)

*Agapetus apalapsili* H Malicky, 1978 (New Guinea)

*Agapetus hieianus* (M Tsuda, 1942) (Japan)

*Synagapetus hieianus* M Tsuda, 1942

*Agapetus himalayanus* (AV Martynov, 1935) (India)

*Synagapetus himalayanus* AV Martynov, 1935

*Agapetus limsusan* J Olah, 1993 (Malaysia (Peninsular))

*Agapetus loxozona* W Mey, 1997 (Philippines)

*Agapetus oramatama* (H Malicky, 1978) (Indonesia (Sumatra))

*Synagapetus oramatama* H Malicky, 1978

*Agapetus pedarius* W Mey, 1997 (Philippines)

*Agapetus tampulemensis* W Mey, 2006 (Male and female described originally Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Make Matano, at lithe, 16-x-2005, leg W Mey; deposited in the Indonesian Institute of Sciences, Bogor, Indonesia Indonesia (Sulawesi))

*Agapetus uiguricus* W Mey, 1993 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 China (Xinjiang))

*Agapetus wolframi* H Malicky, 2007 (Male described originally Holotype--Male; BHUTAN: Tsirang, Tsirang Rong Chhu, 26°59'N, 90°09'E, 1700 m, 18-iv-2006, Graf & Malicky, Lichtfallen, Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in NECS, Thimphu Bhutan)

*Agapetus yasensis* (M Tsuda, 1942) (Japan)

*Synagapetus yasensis* M Tsuda, 1942

## **Agarodes N Banks, 1899**

### **subgenus *Agarodes* N Banks, 1899**

*Agarodes (Agarodes) alabamensis* SC Harris, 1987 : NA (Male redescribed, confirmed from single individual specimen by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 3-4, f 3a-d United States of America)



*Agarodes (Agarodes) crassicornis* (F Walker, 1852) : NA (Male redescribed, female described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 5-6, f 2b, 4a-d, 5a-c United States of America)

*Hydropsyche crassicornis* F Walker, 1852

*Agarodes (Agarodes) georgia* HH Ross and DC Scott, 1974 : NA (Male redescribed, female described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 7-8, f 2d, 6a-d, 7a-c United States of America)

*Agarodes (Agarodes) griseus* N Banks, 1899 : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 9-10, f 2c, 8a-d, 9a-c, 26b United States of America)

Syn.: *Notidobia americana* N Banks, 1900

*Agarodes (Agarodes) logani* AC Keth & SC Harris, 1999 : NA (Male redescribed, female described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 11-12, f 2a, 10a-d, 11a-c United States of America)

*Agarodes (Agarodes) stannardi* (HH Ross, 1962) : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 13-14, f 12a-d, 13a-c United States of America)

*Sericostoma stannardi* HH Ross, 1962

*Agarodes (Agarodes) tetron* (HH Ross, 1948) : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 15-16, f 14a-d, 15a-c, 26c United States of America)

*Sericostoma tetron* HH Ross, 1948

*Agarodes (Agarodes) tuskaloosa* AC Keth & SC Harris, 1999 : NA (Male redescribed by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 17, f 16a-d United States of America)

*Agarodes (Agarodes) wallacei* HH Ross & DC Scott, 1974 : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 18-19, f 17a-d, 18a-c, 26d United States of America)

*Agarodes (Agarodes) ziczac* HH Ross & DC Scott, 1974 : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 20-21, f 19a-d, 20a-c, 26d United States of America)

#### **subgenus *Psiloneura* N Banks, 1914**

*Agarodes (Psiloneura) distinctus* (G Ulmer, 1905) : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 21-23, f 21a-d, 22a-c United States of America)

*Notidobia distinctus* G Ulmer, 1905

Syn.: *Psiloneura moesta* N Banks, 1914

Syn.: *Schizopelex lobata* N Banks, 1911

*Agarodes (Psiloneura) libalis* HH Ross & DC Scott, 1974 : NA (Male redescribed, female and larva described by AC Keth & SC Harris, 2008, The Caddis Press, Columbus, Ohio, p 24-25, f 23a-d, 24a-c, 26a United States of America)

#### ***Agmina* JB Ward & PW Schefter, 2000**

*Agmina acula* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina arator* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina artarima* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Riviere des Pirogues New Caledonia)

*Agmina berada* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Val de l'Hermitage New Caledonia)

*Agmina bimaculata* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Riviere Bleue New Caledonia)

*Agmina cheirella* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina comata* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina diriwu* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Karionan River tributary New Caledonia)

*Agmina hamata* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Pouedihhi New Caledonia)

*Agmina hastata* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Riviere

des Pirogues New Caledonia)

*Agmina hexacantha* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina hircina* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Pic Mouirange New Caledonia)

*Agmina hirta* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Aoupinie New Caledonia)

*Agmina jepiva* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Amoa Valley, Sainte Therese New Caledonia)

*Agmina joycei* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Pic Mouirange New Caledonia)

*Agmina kapiwa* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Pouedihi New Caledonia)

*Agmina kara* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA New Caledonia)

*Agmina mariae* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Dore Saddle Road New Caledonia)

*Agmina nodosa* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina padi* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Dore Saddle Road New Caledonia)

*Agmina panda* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Pouedihi New Caledonia)

*Agmina parie* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: La Crouen New Caledonia)

*Agmina pugnea* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina rhara* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Mt Aoupinie New Caledonia)

*Agmina tridactyla* JB Ward, 2003 : AU (Holotype--XXX?; NEW CALEDONIA: New Caledonia)

*Agmina urugi* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Val de l'Hermitage New Caledonia)

*Agmina vuegi* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: R. Pouembout tributary New Caledonia)

### ***Agraylea* J Curtis, 1834**

#### **subgenus *Agraylea* J Curtis, 1834**

*Agraylea (Agraylea) costella* HH Ross, 1941 : NA (Canada)

*Agraylea (Agraylea) drosima* L Navas, 1917 (Spain)

*Agraylea (Agraylea) insularis* (HA Hagen, 1865) (Portugal (Madeira))

*Hydrorchestia insularis* HA Hagen, 1865

*Agraylea (Agraylea) multipunctata* J Curtis, 1834 : NA, PA (Cited as senior synonym by FCJ Fischer, 1961, Trich Cat 2: 87-93)

Reported from Oestfold and Akershus, Norway, also as *Agraylea cognatella* R McLachlan, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, as *Agraylea cognatella* R McLachlan, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Adult illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 140

Male redescribed and compared with *Agraylea taemyrensis* by W Mey, 2003, Entomologische Nachrichten und Berichte 47(1): 39-40, f 5-7

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Chita Region, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Agraylea cognatella* R McLachlan, 1880

Syn.: *Agraylea fraterna* N Banks, 1907

Syn.: *Agraylea multiguttata*, 1869

Syn.: *Allotrichia flavida* N Banks, 1907

Syn.: *Allotrichia signata* N Banks, 1904

Syn.: *Hydrorchestia argyricola* F Kolenati, 1848

*Agraylea (Agraylea) saltesea* HH Ross, 1938 : NA (United States of America)

*Agraylea (Agraylea) sexmaculata* J Curtis, 1834 : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Agraylea pallidula* R McLachlan, 1875

Syn.: *Hydroptila flabellifera*, 1864

*Agraylea (Agraylea) taymyrensis* W Mey, 2003 (Male described originally Holotype--Male; Russia; North Siberia, Norilsk, 40 km E, Pyany Insel, 28 Jul 2002, leg M Kozlov (mounted on minuten, genital preparation "Mey 22/03"); deposited im Museum fuer Naturkunde Berlin Russia (North Siberia))

### ***Agrypnia* J Curtis, 1835**

#### **subgenus *Agrypnetes* R McLachlan, 1876**

*Agrypnia (Agrypnetes) crassicornis* (R McLachlan, 1876) : PA (Larva illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 73-74

Belonging in the genus *Agrypnia* according to H Malicky, 2005, Linzer biol Beitr 37(1): 561

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported skating on the surface of lakes of northern Europe to central Asia according to GB Wiggins, 1998, The Caddisfly Family Phryganeidae, and JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227

Diagnostic characters, as *Agrypnetes crassicornis*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 216 Finland)

*Agrypnetes crassicornis* R McLachlan, 1876

*Agrypnia (Agrypnetes) crassicornis desertorum* (AV Martynov, 1924) (Described originally as *Prophryganea crassicornis morpha desertorum*

~*crassicornis* R McLachlan, 1876, Rev Syn Suppl 1: 2-3, pl 24 f 1-8)

*Prophryganea crassicornis desertorum* AV Martynov, 1924

*Agrypnia (Agrypnetes) hayfordae* JC Morse & S Chuluunbat, 2007 (Male, female, larva, pupa, and larval and pupal cases described originally near *Agrypnia crassicornis* (R McLachlan, 1876) and *Agrypnia colorata* HA Hagen, 1873 Holotype--Male; MONGOLIA: Arkhangay Aimag, Tsenkher Soum, Nooriin Khooloi lake about 9 km SW of Tavanbulag, N47.33933, E101.82093, elev 1693 m,

10-vii-2004, JC Morse, S Chuluunbat, and other members of the Selenge River Basin Aquatic Insect Survey Team; deposited in the Mongolian Academy of Sciences, Ulaanbaatar, Mongolia (Mongolia)

*Agrypnia acristata* GB Wiggins, 1998 (Japan)

*Agrypnia colorata* HA Hagen, 1873 : NA, PA (Considered to develop in brackish water, Gulf of Bothnia, Sweden, (as *Agrypnia principalis* AV Martynov) according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Canada)

Syn.: *Phryganea principalis* AV Martynov, 1909

Syn.: *Prophryganea bradorata* LJ Milne, 1931

*Agrypnia czerskyi* (AV Martynov, 1924) : PA (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 18

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147 Russia (southeastern Siberia, northcentral Siberia))

*Prophryganea czerskyi* AV Martynov, 1924

*Agrypnia deflata* (LJ Milne, 1931) : NA (Considered a subspecies of *Prophryganea obsoleta* by Milne, 1934, Stud N Amer Trich 1: ? Canada)

*Prophryganea deflata* LJ Milne, 1931

*Agrypnia glacialis* HA Hagen, 1873 : NA (Canada)

Syn.: *Agrypnia dextra* HH Ross, 1938

Syn.: *Asynarchus alascensis* N Banks, 1900

*Agrypnia improba* (HA Hagen, 1873) : NA (United States of America)

*Phryganea improba* HA Hagen, 1873

Syn.: *Dasytorgia improba sackeni* N Banks, 1943

*Agrypnia incurvata* GB Wiggins, 1998 (Japan)

*Agrypnia legendrei* (L Navas, 1923) : OL (China (Yunnan))

*Phryganea legendrei* L Navas, 1923

*Agrypnia macdunnoughi* (LJ Milne, 1931) : NA (Canada)

*Prophryganea macdunnoughi* LJ Milne, 1931

*Agrypnia obsoleta* (HA Hagen, 1864) : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 16

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)

*Phryganea obsoleta* HA Hagen, 1864

*Agrypnia obsoleta reticulata* (AV Martynov, 1928) (described originally as *Prophryganea obsoleta reticulata*)

~obsoleta (HA Hagen, 1864, Verh zool bot Ges 14: 866), *Phryganea*)

*Prophryganea obsoleta reticulata* AV Martynov, 1928

*Agrypnia pagetana* J Curtis, 1835 : NA, PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Probable pheromones in sternum V glands detected by J Bergmann, C Loefstedt, VD Ivanov, W Francke, 2002, Proc Internatn Sym Trichoptera 10: 37-46

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai, Chita Region, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Oligotricha strigosa* P Rambur, 1842

Syn.: *Phryganea aegrota* H Burmeister, 1839

*Agrypnia pagetana hyperborea* R McLachlan, 1884 (

~pagetana J Curtis, 1835, Brit Ent pl 540 and text)

*Agrypnia pagetana nearctica* LJ Milne, 1934 (

~pagetana J Curtis, 1835, Brit Ent pl 540 and text)

*Agrypnia picta* F Kolenat, 1848 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Poland ("Silesia"))

Syn.: *Agrypnia islandica* HA Hagen, 1873

*Agrypnia picta tibetana* (AV Martynov, 1930) (described originally as *Prophryganea picta* variety *tibetana*)

~picta F Kolenati 1848, Gen Spec Trich 1: 23, 33, 79)

*Prophryganea picta tibetana* AV Martynov, 1930

*Agrypnia sahlbergi* (R McLachlan, 1880) : NA, PA (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): XXX???)

Rediscovered in Finland by J Salmela, 2005, *Sahlbergia* 19(1): 4-6 Russia (northwestern Siberia))

*Phryganea sahlbergi* R McLachlan, 1880

*Agrypnia sordida* (R McLachlan, 1871) (Japan)

*Phryganea sordida* R McLachlan, 1871

Syn.: *Prophryganea umbrina* AV Martynov, 1924  
*Agrypnia straminea* HA Hagen, 1873 : NA (Reported from 32-45 m depth in Lake Superior, Wisconsin, by JH Selgeby, 1974, Journal of the Fisheries Research Board of Canada 31: 109-111)

Reported skating on the surface of Lac Tantare, Quebec, Canada, according to JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227 Canada)  
Syn.: *Agrypnetes curvata* N Banks, 1900  
Syn.: *Phryganomyia obscura* N Banks, 1907  
*Agrypnia ulmeri* (AV Martynov, 1909) (Lectotype designated by GB Wiggins, 1998, Caddisfly Fam Phryganeidae, p 101)

Male redescribed by T Ito, A Ohkawa, M Uenishi, & N Kuhara, 1999, Biol Inland Waters 14: 16-27 Japan)  
*Phryganea ulmeri* AV Martynov, 1909  
Syn.: *Phryganea ulmerina* L Navas, 1920  
*Agrypnia varia* (JC Fabricius, 1793) (Cited as as senior synonym, FCJ Fischer, 1964, Trich Cat 5: 35-48)

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Larva, larval case, pupal case, and female photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 1-4

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Morphology of silk glands and silk weave described by MC Biccierai & F Cianficconi, 2007, Proc Internatn Symp Trichoptera 12: 1-7

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Denmark)  
*Phryganea varia* JC Fabricius, 1793  
Syn.: *Phryganea detrita* , 1853  
*Agrypnia vestita* (F Walker, 1852) : NA (Morphological variation of female genitalia provided by GB Wiggins, 1998, Caddisf Fam Phryganeidae United States of America)  
*Neuronia vestita* F Walker, 1852  
Syn.: *Neuronia commixta* F Walker, 1852

***Alisotrichia* OS Flint, 1964**

*Alisotrichia aglae* L Botosaneanu, 1991 : NT (Male described originally)

Known from Haiti (type locality) and Dominican Republic (Barahona, Independencia) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 26 Haiti)

*Alisotrichia alayoana* L Botosaneanu, 1977 : NT (Cuba)

*Alisotrichia aquaecadentis* L Botosaneanu, 1991 : NT (Male and female described originally)

Known from Haiti (type locality) and Dominican Republic (Independencia) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 27 Haiti)

*Alisotrichia arcana* L Botosaneanu, 1991 : NT (Male described originally)

Known from Haiti (type locality) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 27 Haiti)

*Alisotrichia argentinea* OS Flint, 1968 : NT (Jamaica)

*Alisotrichia arizonica* (RL Blicke & DG Denning, 1977) : NA (Larva described by DE Bowles, SC Harris, & J Bueno-Soria, 1999, P Internatn Symp Trich 9: 44 United States of America)

*Riopitila arizonica* RL Blicke & DG Denning, 1977

*Alisotrichia asta* SC Harris & OS Flint, Jr, 2002 : NT (Panama)

*Alisotrichia bisetosa* OS Flint & JL Sykora, 2004 : NT (Male described originally, near *Alisotrichia circinata* OS Flint, from the Dominican Republic (Independencia, Barahona, La Vega) Holotype--Male; DOMINICAN REPUBLIC: Independencia Province, Rio Guyabal, 4.5 km N Postrer Rio, 18°34.7'N, 71°37.7'W, 150 m, 25 March 1999, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Alisotrichia cacaulandia* SC Harris & OS Flint, Jr, 2002 : NT (Brazil)

*Alisotrichia cainguas* EB Angrisano & JV Sganga, 2009 : NT (Male described originally in the *Alisotrichia orophila* Group near *Alisotrichiacacaulandia* SC Harris & OS Flint, *Alisotrichia* SC Harris & OS Flint, *Alisotrichia neblina* SC Harris & OS Flint, *Alisotrichia woldai* SC Harris & OS Flint, *Alisotrichia gabriel* EB Angrisano, *Alisotrichia paxilla* SC Harris & OS Flint, and *Alisotrichia mathisi* SC Harris & OS Flint Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, tributary of Arroyo Cufia-Puru, Malaise trap, 8-14-i-2006, Angrisano & Bravo leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Alisotrichia chihuahua* J Bueno-Soria & SC Harris, 1993 : NA (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Chihuahua))

*Alisotrichia chiquitica* L Botosaneanu, 1977 : NT (Cuba)

*Alisotrichia chorra* OS Flint, 1970 : NT (Mexico (Chiapas))

*Alisotrichia cimarrona* L Botosaneanu, 1977 : NT (Cuba)

*Alisotrichia circinata* OS Flint, 1992 : NT (Puerto Rico)

*Alisotrichia cornicula* J Bueno-Soria & SC Harris, 1993 : NT (Mexico (Guerrero))

*Alisotrichia cuernita* SC Harris & OS Flint, Jr, 2002 : NT (Panama)

*Alisotrichia cyanolenus* OS Flint, 1996 : NT (Trinidad)

*Alisotrichia euphrosyne* L Botosaneanu, 1991 : NT (Male described originally)

Known from Haiti (type locality) and Dominican Republic (Pedernales) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 27 Haiti)

*Alisotrichia flintiana* L Botosaneanu, 1977 : NT (Cuba)

*Alisotrichia fundorai* (L Botosaneanu & JL Sykora, 1973) : NT (Cuba)

*Oxyethira fundorai* L Botosaneanu & JL Sykora, 1973

*Alisotrichia giampaolina* L Botosaneanu, 1998 : NT (Jamaica)

*Alisotrichia hirudopsis* OS Flint, 1964 : NT (Puerto Rico)

*Alisotrichia hirudopsis aitija* L Botosaneanu, 1995 (*Alisotrichia hirudopsis* OS Flint, 1964, Technical Pap PR agric Exp Sta no 40: 47, figs (Puerto Rico)

Known from Dominican Republic (Duarte, La Vega, Monsenor Noel, Peravia) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 27)

*Alisotrichia hispaniolina* L Botosaneanu, 1991 : NT (Male and female described originally)

Known from Haiti (type locality and several other localities) and Dominican Republic (Pedernales, Azua, Barahona, Independencia) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 27-28 Haiti)

*Alisotrichia kanukua* SC Harris & OS Flint, Jr, 2002 : NT (Guyana)

*Alisotrichia latipalpis* OS Flint, 1991 : NT (Colombia)

*Alisotrichia linterna* SC Harris & OS Flint, Jr, 2002 : NT (Panama)

*Alisotrichia lobata* OS Flint, 1968 : NT (Dominica)

*Alisotrichia mathisi* SC Harris & OS Flint, Jr, 2002 : NT (Jamaica)

*Alisotrichia muellita* SC Harris & OS Flint, Jr, 2002 : NT (Jamaica)

*Alisotrichia neblina* SC Harris & OS Flint, Jr, 2002 : NT (Venezuela)

*Alisotrichia orophila* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 37-38 Dominica)

*Alisotrichia orophila guadeloupea* L Botosaneanu, 1994 (*Alisotrichia orophila* OS Flint, 1968, *Proc US natn Mus* 125 (3665): 41, figs)

*Alisotrichia panamensis* SC Harris & OS Flint, Jr, 2002 : NT (Panama)

*Alisotrichia schmidi* K Kumanski, 1987 : NT (Cuba)

*Alisotrichia setigera* OS Flint, 1992 : NT (Puerto Rico)

*Alisotrichia sonora* J Bueno-Soria & SC Harris, 1993 : NA (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 Mexico (Sonora))

*Alisotrichia tenuivirga* L Botosaneanu, 1998 : NT (Jamaica)

*Alisotrichia tetraespinosa* J Bueno-Soria & SC Harris, 1993 : NT (Mexico (Guerrero))

*Alisotrichia thalia* L Botosaneanu, 1991 : NT (Male described originally)

Known from Haiti (type locality) and Dominican Republic (Barahona) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 29 Haiti)

*Alisotrichia timouchela* L Botosaneanu, 1989 : NT (Reported from Venezuela by SC Harris & OS Flint, Jr, 2002, *Proceedings of the Entomological Society of Washington* 104(1): 195-210

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 38 Martinique)

*Alisotrichia tiza* SC Harris & RW Holzenthal, 1993 : NT (Costa Rica)

*Alisotrichia ultima* OS Flint & JL Sykora, 2004 : NT (Male described originally, near *Alisotrichia thalia* L Botosaneanu, from the Dominican Republic (Azua) Holotype--Male; DOMINICAN REPUBLIC: Azua Province, Rio Las Cuevas, 8 km NE Padre Las Casas, 18°46'N, 70°53'W, 580 m, 3-4 October 1991, J Rawlins, C Young, S Thompson, & R Davidson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Alisotrichia ventricosa* OS Flint, 1991 : NT (Colombia)

*Alisotrichia viuda* SC Harris & OS Flint, Jr, 2002 : NT (Venezuela)

*Alisotrichia woldai* SC Harris & OS Flint, Jr, 2002 : NT (Panama)

*Alisotrichia woodruffi* OS Flint & JL Sykora, 2004 : NT (Male described originally, in the *Alisotrichia orophila* Group, from the Dominican Republic (Monsenor Nouel) Holotype--Male; DOMINICAN REPUBLIC: Monsenor Nouel Province [not La Vega as labelled], 6 km [not mi as labelled] NW Rt 1 on road to Constanza, 27 June 1998, Woodruff & Baranowski; deposited in the Florida State Collection of Arthropods, Gainesville, Florida, United States of America Dominican Republic)

### ***Allobiosis* ME Mosely, 1953**

*Allobiosis erratica* ME Mosely, 1953 : AU (New South Wales)

### ***Allochorema* ME Mosely, 1953**

*Allochorema reclivatum* A Neboiss, 1962 : AU (Australia)

*Allochorema tasmanicum* ME Mosely, 1953 : AU (Range extensions in Tasmania noted by A Neboiss, 2002, *Papers & Proceed R Soc Tasmania* 136: 43-44 Australia (Tasmania))

### ***Allocosmoecus* N Banks, 1943**

*Allocosmoecus partitus* N Banks, 1943 : NA (

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN



Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 United States of America)

***Alloecella* N Banks, 1939**

*Alloecella grisea* N Banks, 1939 : AU (Australia)

Syn.: *Alloecella warneria* ME Mosely, 1953

*Alloecella longispina* S Jacquemart, 1965 : AU (Australia)

*Alloecella pilosa* A Neboiss, 1977 : AU (Australia)

***Alloecentrella* KAJ Wise, 1958**

*Alloecentrella cirratus* IM Henderson & JB Ward, 2007 : AU (Male and larva described originally Holotype--Male; NEW ZEALAND: Marlborough Sounds, Waitohi Stream, Picton, NZMS 260 metric grid 25938 59874, 30 m, IM Henderson, 6-xii-1980; in alcohol; Canterbury Museum, Christchurch, New Zealand New Zealand)

*Alloecentrella incisus* IM Henderson & JB Ward, 2007 : AU (Male and larva described originally Holotype--Male; NEW ZEALAND: Rangitikei, Limestone Creek near Sixtus Lodge, swept, NZMS 260 metric grid 27668 61324, 560 m, IM Henderson, 22-i-2000; in alcohol; Canterbury Museum, Christchurch, New Zealand New Zealand)

*Alloecentrella linearis* IM Henderson & JB Ward, 2007 : AU (Male and larva described originally Holotype--Male; NEW ZEALAND: Nelson, Moa Park, Abel Tasman National Park, NZMS 260 metric grid 25046 60298, 1000 m, IM Henderson, 29-xi-1979; in alcohol; Canterbury Museum, Christchurch, New Zealand New Zealand)

*Alloecentrella magnicornis* KAJ Wise, 1958 : AU (Male and female and larva redescribed by IM Henderson & JB Ward, 2007, Aquatic Insects 29(2): 81, 83-84, f 1 Holotype--Male; NEW ZEALAND: Auckland, Waitakere, 28-x-1934; deposited in the Auckland Institute and Museum, Auckland, New Zealand (IM Henderson & JB Ward, 2007, Aquatic Insects 29(2): 81) New Zealand)

***Alloecentrellodes* OS Flint, 1979**

*Alloecentrellodes elongatus* OS Flint, 1979 : NT (Chile)

*Alloecentrellodes obliquus* OS Flint, 1979 : NT (Chile)

***Allogamus* F Schmid, 1955**

*Allogamus antennatus* (R McLachlan, 1876) (

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Switzerland)

*Halesus antennatus* R McLachlan, 1876

*Allogamus antennatus ausoniae* GP Moretti, 1991 (Described originally as a species

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Subspecies of *Allogamus antennatus* R McLachlan, 1876, according to H Malicky, 2005, Linzer biol Beitr 37(1): 574-575

Peritrophic membrane morphology and synthesis discussed (as *Allogamus ausoniae*) by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Larva described by F Cianficconi & MC Bicchierai, 2007, Proc Internatn Symp Trichoptera 12: 59-64

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Symbionts of larva described by C Corallini & MC Bicchierai, 2007, Proceedings of the International Symposium on Trichoptera 12: 83-89.)

*Allogamus antennatus silanus* GP Moretti, 1991 (Described originally as a subspecies of *Allogamus hilaris* (R McLachlan, 1876, Rev Syn p 147, 154, pl 16 f 1-6), Halesus

Subspecies of *Allogamus antennatus* R McLachlan, 1876, according to H Malicky, 2005, Linzer biol Beitr 37(1): 574-575

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Allogamus auricollis* (FJ Pictet, 1834) (Protozoan parasites new host record in Italy provided by F Cianficconi, C Corallini, & G Moretti, 1999, P Internatn Symp Trich 9: 55-63

Influence of flow, demographics, and habitat fragmentation on population dynamics reported by MT Monaghan, P Spaak, CT Robinson, & JV Ward, 2002, Journal of the North American Benthological Society 21(1): 114-131

Occurrence in the stomachs of *Salmo trutta trutta* and *Salmo marmoratus* in Sarca River, Italian Alps reported by S Cios, 2002, Museo Regionale di Scienze Naturali Bollettino (Turin) 20(1): 21-26

Variations of larval case discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 59

Effects of hydroelectric power production reported by A Frutiger, 2004, Archiv fuer Hydrobiologie 159(1): 57-75

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119 Switzerland)

*Phryganea auricollis* FJ Pictet, 1834

Syn.: *Halesus brauerii* F Kolenati, 1859

Syn.: *Hallesus nigricornis* F Kolenati, 1848

*Allogamus botosaneanui* GP Moretti, 1991 (

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Allogamus corsicus* (F Ris, 1897) (Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Halesus corsicus* F Ris, 1897

*Allogamus corsicus illiesorum* L Botosaneanu, 1980 (Described originally as a species

Subspecies of *Allogamus corsicus* (F Ris, 1897) according to H Malicky, 2005, Linzer biol Beitr 37(1): 575

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Allogamus dacicus* (F Schmid, 1951) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Roumania)

*Halesus dacicus* F Schmid, 1951

*Allogamus despaxi* H Decamps, 1968 (France)

*Allogamus fuesunae* H Malicky, 2004 (Male described originally

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Male phallus and female described from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 115, 119, f 1-5 Holotype--Male; Spain: Central Pyrenees, Affluent du Rio Aigua Moix, afft de la Garona de Ruda, 2000 m, 42\*40'N, 0\*55'E, 10-ix-1986, leg G Vincon; deposited in the H Malicky collection, Lunz am See, Austria Spain)

*Allogamus gibraltarius* MA Gonzalez & A Ruiz, 2001 (Male and female described originally

Larva described by A Ruiz-Garcia, JC Salamanca-Ocana, & M Ferreras-Romero, 2004, Ann Limnol - Internatn J Limnol 40(4): 343-344, 346, 348, f 1-13, tab 1 Holotype--Male; Spain: Canuto del cojo, La Saucedá, Cortes de la Frontera (Parque Natural los Alcornocales, Sierra del Aljibe, provincia de Malaga, altitude 800 m, 16-XI-2000, leg JC Salamanca (piege lumineux); deposited in the collection of M Gonzalez, Departamento de Biología Animal, Universidad de Santiago de Compostela, Spain Spain)

*Allogamus hilaris* (R McLachlan, 1876) (Switzerland)

*Halesus hilaris* R McLachlan, 1876

*Allogamus laureatus* (L Navas, 1918) (Spain)

*Halesus laureatus* L Navas, 1918

*Allogamus ligonifer* (R McLachlan, 1876) (Shredding rates reduced on *Alnus glutinosa* leaves exposed to gold mine effluent according to AO Medeiros, P Rocha, CA Rosa, & MAS Graca, 2008, Fundamental and Applied Limnology 172(1): 59-70 France)

*Halesus ligonifer* R McLachlan, 1876

Syn.: *Halesus productus* L Navas, 1918

*Allogamus mendax* (R McLachlan, 1876) (Male lectotype redescribed, distinguished from *Allogamus stadleri* by H Malicky, Braueria 31: 41, figs Lectotype--Male; Switzerland; selected by DE Kimmins, 1957, Bull Brit Mus (Nat Hist) Entomol 6: XX?; deposited in The Natural History Museum, London, United Kingdom Switzerland)

*Halesus mendax* R McLachlan, 1876

*Allogamus moretii* R De Pietro & F Cianficconi, 2001 (Holotype--XXX?; ITALY: Sicily, Nebrodi Mountains, Saracena, Maniace Italy)

*Allogamus mortoni* (L Navas, 1907) (

Larval characters discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 60

Larva described by A Ruiz-Garcia, JC Salamanca-Ocana, & M Ferreras-Romero, 2004, Ann Limnol - Internatn J Limnol 40(4): 344, 346, 348, f 14-26, tab 2 Portugal)

*Halesus mortoni* L Navas, 1907

*Allogamus periphetes* H Malicky, 2004 (Male described originally

Endemic to geographic Italy and Switzerland according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Piemonte, Coazze (Provincia Torino), Bach Sangonetto bei Prieto, 900 m, 45°03'N, 7°18'E, 26-x-2002, leg GB Delmastro; deposited in the H Malicky collection, Lunz am See, Austria Italy)

*Allogamus pertuli* H Malicky, 1974 (Greece)

*Allogamus stadleri* (F Schmid, 1951) (Female correctly illustrated by W Tobias & D Tobias, 1981, Cour Forsch -Inst Senckenberg 49, pl 221, according to H Malicky, 2005, Linzer biol Beitr 37(1): 757

Male redescribed by H Malicky, 2004, Braueria 31: 41, figs

Female described by L Botoxaneanu, 2004, Travaux du Museum National d'Histoire Naturelle "Grigore Antipa" 46: 161-179 Germany, France)

*Halesus stadleri* F Schmid, 1951

*Allogamus starmarchi* B Szczesny, 1967 (Poland)

Syn.: *Allogamus lazeri* B Szczesny, 1967

Syn.: *Allogamus tatricus* B Szczesny, 1967

*Allogamus uncatatus* (F Brauer, 1857) (Microgeographic life history variations discussed by LNS Shama & CT Robinson, 2009, Freshwater Biology 54(1): 150-164

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Spatial scaling in phylogeography discussed by KB Kubow, CT Robinson, LNS Shama, & J Jokela, 2010, Journal of the North American Benthological Society 29(3): 1089-1099 Austria)

*Halesus uncatatus* F Brauer, 1857

Syn.: *Hallesus nigricornis* F Kolenati, 1848

**Allomyia N Banks, 1916**

*Allomyia acanthis* (HH Ross, 1950) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa United States of America)

*Imania acanthis* HH Ross, 1950

*Allomyia acerosa* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia curvata* and *Allomyia gracillima* originally Holotype--Male; Hokkaido Pref, Ishikari, Sapporo-shi, Misumai, Kannon-zawa-rindo woodland path, a small spring stream, 17-IV-1993, N Kuhara; deposited in the Lake Biwa Museum, Shiga, Japan Japan)

*Allomyia acicularis* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia coronae* originally Holotype--Male; Hokkaido Pref, Ishikari, Sapporo-shi, Takino, a spring, 15-IV-1992, T Ito; deposited in the Lake Biwa Museum, Shiga, Japan Japan)

*Allomyia bifoliata* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia sajanensis* originally Holotype--Male; Japan: Hokkaido Pref, Ishikari, Chitose-shi, Morappu by the Lake Shikotsu, a small spring stream, 15-IV-1993, N Kuhara; deposited in Lake Biwa Museum, Shiga, Japan Japan)

*Allomyia bifosa* (HH Ross, 1950) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa United States of America)

*Imania bifosa* HH Ross, 1950

*Allomyia cascadis* (HH Ross, 1950) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa United States of America)

*Imania cascadis* HH Ross, 1950

*Allomyia chama* (DG Denning, 1953) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa United States of America)

*Imania chama* DG Denning, 1953

*Allomyia cidoipes* (F Schmid, 1968) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa United States of America)

*Imania cidoipes* F Schmid, 1968

*Allomyia coronae* IM Levanidova & TI Arefina, 1995 (Male and female redescribed near *Allomyia acicularis* and *Allomyia dilatata* by H Nishimoto & N Kuhara, 2001, Entomol Sci 4(2): 165-166, f 3, 6

This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa Russia (Kunashir Island))

*Allomyia curvata* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia acerosa* and *Allomyia gracillima* originally Holotype--Male; Hokkaido Pref, Tokachi, Shimizu-cho, a small stream near the Nissho Pass, 17-VI-1993, N Kuhara; deposited in the Lake Biwa Museum, Shiga, Japan Japan)

*Allomyia delicatula* IM Levanidova & TI Arefina, 1995 (Male redescribed and female described near *Allomyia pumila* by H Nishimoto & N Kuhara, 2001, Entomol Sci 4(2): 161-163, f 1-3

This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa Russia (Kunashir Island))  
*Allomyia dilatata* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia coronae* and *Allomyia acicularis* originally Holotype--Male; Hokkaido Pref, Iburi, Hobetsu-cho, Fukuyama, a spring, 2-V-1993, N Kuhara; deposited in the Lake Biwa Museum, Shiga, Japan Japan)  
*Allomyia gnathos* (HH Ross, 1950) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa United States of America)  
*Imania gnathos* HH Ross, 1950  
*Allomyia gracillima* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia acerosa* and *Allomyia curvata* originally Holotype--Male; Hokkaido Pref, Sorachi, Yuubari-shi, a small stream at Mt Yuubari (alt 1400 m), 12-VII-1993, N Kuhara; deposited in the Lake Biwa Museum, Shiga, Japan Japan)  
*Allomyia hector* (AP Nimmo, 1971) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa Canada)  
*Imania hector* AP Nimmo, 1971  
*Allomyia picoides* (HH Ross, 1950) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa United States of America (Alaska))  
*Imania picoides* HH Ross, 1950  
*Allomyia pumila* H Nishimoto & N Kuhara, 2001 (Male and female described near *Allomyia delicatula* originally Holotype--Male; Japan: Hokkaido Pref, Shiribershi, Kyogokucho, Toyooka, a spring stream, 29-IV-1993, N Kuhara; deposited in Lake Biwa Museum, Shiga, Japan Japan)  
*Allomyia renoa* (LJ Milne, 1935) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa United States of America)  
*Algonquina renoa* LJ Milne, 1935  
*Allomyia sajanensis* IM Levanidova, 1967 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa Russia (southern Siberia))  
*Allomyia scotti* (GB Wiggins, 1973) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa United States of America)  
*Imania scotti* GB Wiggins, 1973  
*Allomyia sichotalinensis* (AV Martynov, 1935) (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to Allomyia Banks according to JE O'Hara, in press, Zootaxa Russia (southeastern Siberia))  
*Imania sichotalinensis* AV Martynov, 1935  
*Allomyia thomasi* (AP Nimmo, 1977) : NA (This and 15 other species of Allomyia Banks were transferred to Sauricesa (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa Canada)

*Imania thomasi* AP Nimmo, 1977

*Allomyia tripunctata* (N Banks, 1900) : NA (This and 15 other species of *Allomyia* Banks were transferred to *Sauricesa* (Diptera: Cecidomyiidae) by AO Kocak & M Kemal, 2010, Miscellaneous Papers, Centre for Entomological Studies Ankara 151: 6

Belonging to *Allomyia* Banks according to JE O'Hara, in press, Zootaxa Alaska)

*Apatania tripunctata* N Banks, 1900

Syn.: *Allomyia stylata* DG Denning, 1948

### ***Allotrichia* R McLachlan, 1880**

*Allotrichia galaica* MA Gonzalez & H Malicky, 1980 (Spain)

*Allotrichia laerma* H Malicky, 1976 (Greece (Rhodes))

*Allotrichia marinkovicae* H Malicky, 1977 (Bosnia)

*Allotrichia militsa* H Malicky, 1992 (Greece)

*Allotrichia pallicornis* (AE Eaton, 1873) (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Larva with sclerotized tergum IX according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 51

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Italy)

*Agraylea pallicornis* AE Eaton, 1873

Syn.: *Agraylea tauri* S Jacquemart, 1965

*Allotrichia teldanica* L Botosaneanu, 1974 (Israel)

*Allotrichia vilnensis* M Raciecka, 1937 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Poland)

*Allotrichia vilnensis orientalis* L Botosaneanu, 1992 (

~*vilnensis* M Raciecka, 1937, Ann Mus zool Polon 11: 477-480, pl 56 f 1-7)

### ***Alpopsyche* L Botosaneanu & J Giudicelli, 2004**

*Alpopsyche ucenorum* (R McLachlan, 1876) (Female described as *Rhadicoleptus ucenorum* (R McLachlan) by H Malicky, 2001, Braueria 28: 19

Included in genus *Limnephilus* by H Malicky, 2005, Linzer biol Beitr 37(1): 572 France)

*Stenophylax ucenorum* R McLachlan, 1876

### ***Alterosa* RJ Blahnik, 2005**

*Alterosa beckeri* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa boraceiae* holotype--Male; Brazil: Rio de Janeiro, Itatiaia, 2100 m, 25-i-1993, VO Becker, UMSP000204557; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa bocainae* RJ Blahnik, 2005 : NT (Male and female described originally, near *Alterosa fimbriata* holotype--Male; Brazil: Sao Paulo, Lajeado, Serra da Bocaina, Cachoeira do Lajeado, 22\*46.585'S, 44\*36.307'W, el 1560 m, 2-3-iii-2002, Holzenthal, Blahnik, Paprocki, Prather, UMSP000100627; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa boraceiae* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa beckeri* holotype--Male; Brazil: Sao Paulo, Estacao Biologica Boraceia, Rio Venerando & tribs, 23\*39.185'S, 45\*53.414'W, el 850 m, 18-20-iv-1998, Holzenthal, Melo, Froehlich, UMSP000033080; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa caparaonensis* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa holzenthali* holotype--Male; Brazil: Minas Gerais, Parque Nacional do Caparao, small trib to Rio Caparao, Vale Verde, 20\*25.029'S, 41\*50.767'W, el 1350 m, 12-14-iii-2002, Holzenthal, UMSP000033080;

deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa escova* RJ Blahnik, 2005 : NT (Male described originally, also from Rio de Janeiro, near *Alterosa fluminensis*, *Alterosa flinti*, *Alterosa marinonii*, *Alterosa sanctaeteresae* holotype--Male; Brazil: Sao Paulo, small stream on Sao Paulo Route 247, 11 km SE Bababal, 22°45.684'S, 44°23.190'W, el 675 m, 23-ix-2002, Blahnik, Prather, Melo, Froehlich, Silva, UMSP000088791; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa falcata* RJ Blahnik, 2005 : NT (Male described originally, also from Rio de Janeiro and Sao Paulo, near *Alterosa jordaensis* holotype--Male; Brazil: Minas Gerais, Ibitipoca, sitio of Anestis Papadopoulos, cachoeira, 21°43.441'S, 43°54.537'W, el 1125 m, 4-5-v-1988, Holzenthal, Paprocki, UMSP000033071; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa fimbriata* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa bocainae* holotype--Male; Brazil: Rio de Janeiro, Parque Nacional da Serra dos Orgaos, Rio Paquequer, 22°26.992'S, 42°59.899'W, el 1000 m, 26-ii-2002, Holzenthal, Blahnik, Paprocki, Prather, UMSP000070780; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa flinti* RJ Blahnik, 2005 : NT (Male described originally, also from Rio de Janeiro, near *Alterosa escova*, *Alterosa fluminensis*, *Alterosa marinonii*, and *Alterosa sanctaeteresae* holotype--Male; Brazil: Espirito Santo, 24 km SE Santa Teresa, el 280 m, 22-iv-1977, CM & OS Flint, Jr; deposited in the Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Alterosa fluminensis* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa escova*, *Alterosa flinti*, *Alterosa marinonii*, *Alterosa sanctaeteresae* holotype--Male; Brazil: Rio de Janeiro, Rio Sousa in Cachoeiras de Macacu, 26°26.567'S, 42°37.957'W, el 150 m, 16-iii-1996, Holzenthal, Rochetti, Oliveira, UMSP000035880; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa guapimirim* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa orgaosensis* holotype--Male; Brazil: Rio de Janeiro, Parque Nacional da Serra dos Orgaos, Guapimirim, Trilha das Ruínas, 22°29.679'S, 42°59.729'W, el 940 m, 28-ii-2002, Blahnik and Paprocki, UMSP000083754; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa holzenthali* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa paprockii* holotype--Male; Brazil: Santa Catarina, Parque Ecologica Spitzkopf, confluence Rio Ouro and Rio Craete, 27°00.352'S, 49°06.693'W, el 140 m, 3-iii-1998, Holzenthal, Froehlich, Paprocki, UMSP000033074; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa intervalles* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa sanctipauli* holotype--Male; Brazil: Sao Paulo, Parque Estadual Intervalles, small trib to Agua Comprida, 24°16.531'S, 48°25.042'W, el 800 m, 01-x-2002, Blahnik and Prather, UMSP000088786; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa itatiaiae* RJ Blahnik, 2005 : NT (Male described originally, near *Alterosa intervalles* holotype--Male; Brazil: Rio de Janeiro, Parque Nacional Itatiaia, Rio Campo Belo, trail to Veu da Noiva, 22°25.706'S, 44°37.171'W, el 1310 m, 24-xi-2001, Holzenthal, Paprocki, Blahnik, Neto, UMSP000080369; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Alterosa marinonii* (GL de Almeida & M Duarte, 2003) : NT (Male described originally

Male redescribed, transferred to new genus *Alterosa* near *Alterosa escova*, *Alterosa fluminensis*, *Alterosa flinti*, and *Alterosa sanctaeteresae*, from Parana, by RJ Blahnik, 2005, *Zootaxa* 991: 39-40, f 19A-D Holotype--Male; Brazil: Parana, Antonina, Reserva de Sapitanduva, 25°28'S, 48°50'W, el 60 m, 18-ii-1988, PROFAUPAR-lampada [light trap]; deposited in the Colecao de Entomologia Padre Jesus Santiago Moure, Universidade Federal do Parana, Curitiba, Brazil Brazil)

*Dolophilodes marinonii* GL de Almeida & M Duarte, 2003

*Alterosa sanctipauli* (OS Flint, 1971) : NT (male described originally

male redescribed, near *Alterosa intervalles*, from Sao Paulo, by RJ Blahnik, 2005, *Zootaxa* 991: 46-48, f 23A-D holotype--Male; BRAZIL: Sao Paulo, 3-xi-1961, EJ Fittkau; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2005, *Zootaxa* 991: 48) Brazil)

*Dolophilodes sanctipauli* OS Flint, 1971

***Alterosa truncata* RJ Blahnik, 2005**

***Alterosa tripuiensis* RJ Blahnik, 2005**

***Alterosa schadrackorum* RJ Blahnik, 2005**

***Alterosa sanctaeteresae* RJ Blahnik, 2005**

***Alterosa paprockii* RJ Blahnik, 2005**

***Alterosa jordaensis* RJ Blahnik, 2005**

***Alterosa orgaosensis* RJ Blahnik, 2005**

***Amazonatolica* RW Holzenthal & AM Oliveira Pes, 2004**

*Amazonatolica hamadae* RW Holzenthal & AM Oliveira Pes, 2004 : NT (Male, female, larva, pupa, case described originally Holotype--Male; Brazil: Amazonas, Manaus, Reserva Florestal Adolpho Ducke, 02°57'S, 59°57'W, Igarape Barro Branco (sede), vi-2001, J Vidal; deposited in the Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

***Amiocentrus* HH Ross, 1938**

*Amiocentrus aspilus* (HH Ross, 1938) : NA (United States of America)

*Brachycentrus (Amiocentrus) aspilus* HH Ross, 1938

Syn.: *Oligoplectrum californicum* S Ling, 1938

***Amphichorema* F Schmid, 1989**

*Amphichorema costiferum* (OS Flint, 1969) : NT (Chile)

*Parachorema costiferum* OS Flint, 1969

*Amphichorema monicae* F Schmid, 1989 : NT (Chile)

*Amphichorema zotheceum* (OS Flint, 1969) : NT (Chile)

*Parachorema zotheceum* OS Flint, 1969

***Amphicosmoecus* F Schmid, 1955**

*Amphicosmoecus canax* (HH Ross, 1947) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Dicosmoecus canax* HH Ross, 1947

***Amphipsyche* R McLachlan, 1872**

*Amphipsyche apicalis* N Banks, 1939 : OL (India)

*Amphipsyche bengalensis* AV Martynov, 1935 : OL (India)

*Amphipsyche beneri* DE Kimmins, 1962 : AT (Gold Coast)

*Amphipsyche bifasciata* L Navas, 1931 : OL (Male and female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 161-162, f 1-4 "southern China")

*Amphipsyche corbeti* DE Kimmins, 1962 : AT (Uganda)

*Amphipsyche delicata* N Banks, 1939 : OL (China (Hainan Island, Jiangxi))

*Amphipsyche distincta* AV Martynov, 1935 : OL (India)

*Amphipsyche exsiliens* PC Barnard, 1984 : OL (Female described by H Malicky, 1998, Stapfia 55: 399

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264



Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Myanmar)

*Amphipsyche extrema* (AV Martynov, 1935) : OL (India)

*Amphipsychella extrema* AV Martynov, 1935

*Amphipsyche fuscata* DE Kimmins, 1963 : AT (Ethiopia)

*Amphipsyche gratiosa* L Navas, 1922 : OL (Female described by H Malicky, 1998, Stapfia 55: 399)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 162-163, f 5-6

Distributed in Thailand, Vietnam, and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Vietnam)

*Amphipsyche instabilis* DE Kimmins, 1963 : AT (Ethiopia)

Syn.: *Phanostoma plicata* S Jacquemart, 1963

*Amphipsyche magna* N Banks, 1939 : OL (Philippines)

*Amphipsyche meridiana* G Ulmer, 1909 : OL (Use as indicator species discussed by S Cheunbarn & P Chantaramongkol, 2005, Proc Internatn Symp Trich 11: 85-90)

Adult diagnosed, reported from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 161-162, f 1-4

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Male and female re-described and re-illustrated, reported from Cambodia, Indonesia (Java, Sumatra), India, Sri Lanka, Nepal, Malaysia (Peninsular), Pakistan, Thailand, Laos, and Vietnam by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 26, f 7

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Pakistan, Vietnam, Laos, Nepal, India, Sri Lanka, Indonesia (Sumatra, Java), and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Indonesia (Java))

Syn.: *Amphipsyche indica* AV Martynov, 1935

Syn.: *Amphipsyche nirvana* N Banks, 1913

Syn.: *Amphipsyche propinqua* G Ulmer, 1927

Syn.: *Amphipsyche sigmosa* L Navas, 1935

Syn.: *Amphipsyche tricalcarata* AV Martynov, 1935

Syn.: *Amphipsyche vedana* N Banks, 1913

*Amphipsyche parva* N Banks, 1920 : OL (Borneo ?)

*Amphipsyche pellucida* (L Navas, 1923) : AT (Madagascar)

*Protomacronema pellucida* L Navas, 1923

*Amphipsyche petiolata* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

Syn.: *Amphipsyche minima* N Banks, 1931

Syn.: *Amphipsyche pubescens* DE Kimmins, 1955

*Amphipsyche proluta* R McLachlan, 1872 : OL (Biological notes provided by JG Long, JY Zhang, & NN Peng, 2000, Acta Hydrobiol Sinica 24(4): 399-401)

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Russia (southern Far East))

Syn.: *Amphipsyche paraproluta* C Hwang, 1957

*Amphipsyche scottae* DE Kimmins, 1962 : AT (Republic of South Africa)

*Amphipsyche senegalensis* (F Brauer, 1875) : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Senegal)

*Phanostoma senegalensis* F Brauer, 1875  
Syn.: *Phanostoma curvinerve* L Navas, 1927  
*Amphipsyche sinhala* PC Barnard, 1984 : OL (Sri Lanka)  
*Amphipsyche ulmeri* DE Kimmins, 1962 : AT (Sudan)

***Amphoropsyche* RW Holzenthal, 1985**

*Amphoropsyche aragua* RW Holzenthal, 1985 : NT (Venezuela)  
*Amphoropsyche ayura* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche cauca* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche choco* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche flinti* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche insularis* (OS Flint, 1968) : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 53 Dominica)  
*Brachysetodes insularis* OS Flint, 1968  
*Amphoropsyche janstockiana* L Botosaneanu, 1990 : NT (SaintVincent)  
*Amphoropsyche napo* RW Holzenthal, 1985 : NT (Ecuador)  
*Amphoropsyche quebrada* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche refugia* RW Holzenthal, 1985 : NT (Venezuela)  
*Amphoropsyche spinifera* RW Holzenthal, 1986 : NT (Bolivia)  
*Amphoropsyche stellata* RW Holzenthal, 1985 : NT (Colombia)  
*Amphoropsyche woodruffi* OS Flint & JL Sykora, 1993 : NT (Grenada)  
*Amphoropsyche woodruffi multispinosa* L Botosaneanu, 1993 (described originally as a species

reduced to subspecies status by OS Flint 1996 *Trans Amer Ent Soc* 122: 102-103)

~*woodruffi* OS Flint & JL Sykora, 1993, *Ann Carnegie Mus* 62: 59-60, f 18-20)

***Anabolia* JF Stephens, 1837**

*Anabolia Anabolia revipennis hyperborea* (J Sahlberg, 1894) (  
~*brevipennis* (J Curtis, 1834, *Phil Mag* 4: 125), *Limnephilus*)  
*Anabolia anatolica* F Sipahiler, 2001 (Holotype--XXX?; TURKEY: Konya, Beysehir, Taurus Mountains, Akcabelen Turkey)  
*Anabolia apora* CR Parker, 1984 : NA (United States of America)  
*Anabolia appendix* (G Ulmer, 1905) (Female described and male redescribed by T Arefina, 1998, *Far East Entomol* 64: 4 China (Qinghai))  
*Limnophilus appendix* G Ulmer, 1905  
*Anabolia bimaculata* (F Walker, 1852) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337 Canada)  
*Limnephilus bimaculata* F Walker, 1852  
*Anabolia brevipennis* (J Curtis, 1834) : PA (Reported from Oestfold and Akershus, Norway, as *Phacopteryx brevipennis* (J Curtis), by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, as *Phacopteryx brevipennis* (J Curtis), by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Diagnostic characters of larva, as *Phacopteryx brevipennis*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 240

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

*Limnephilus brevipennis* J Curtis, 1834  
Syn.: *Phacopteryx granulata* F Kolenati, 1848  
*Anabolia brevipennis hyperborea* (J Sahlberg, 1894) (  
~*brevipennis* (J Curtis, 1834, *Phil Mag* 4: 125), *Limnephilus*)  
*Phacopteryx brevipennis hyperborea* J Sahlberg, 1894  
*Anabolia concentrica* (JW Zetterstedt, 1840) : PA (Larval head illustrated by JO Solem & B Gullifors,

1996, in AN Nilsson, Aq Ins N Europe f 14, 109

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Lapland)

*Phryganea concentrica* JW Zetterstedt, 1840

Syn.: *Arctoecia dualis* R McLachlan, 1875

*Anabolia concentrica euptera* (AV Martynov, 1924) (

~concentrica (JW Zetterstedt, 1840, Ins Lapp p 1067), Phryganea)

*Arctoecia concentrica euptera* AV Martynov, 1924

*Anabolia concentrica sibirica* (AV Martynov, 1924) (

~concentrica (JW Zetterstedt, 1840, Ins Lapp p 1067), Phryganea)

*Arctoecia concentrica sibirica* AV Martynov, 1924

*Anabolia consocia* (F Walker, 1852) : NA (North America)

*Limniphilus consocia* F Walker, 1852

Syn.: *Anabolia oslari* S Ling, 1938

Syn.: *Colpotaulius medialis* N Banks, 1905

*Anabolia furcata* F Brauer, 1857 : PA (Sex determination genetics by F Marec & K Novak, 1998, Eur J Entomol 95(2): 197-209

Larval development described by J Majecki, 1999, P Internatn Symp Trich 9: 193-198

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria)

Syn.: *Phryganea laevis* JW Zetterstedt, 1840

*Anabolia laevis* (JW Zetterstedt, 1840) (Cited as a synonym, in part, of *Anabolia soror* R McLachlan, 1875, by FCJ Fischer, 1969, Trich Cat 10:37

Presence of sex pheromone demonstrated by VD Ivanov, SI Melnitsky, & Y Syrnikov, 2000, Vestnik Sankt-Petersburgskogo Universiteta, Seriya 3 Biologiya, 3(19): 111-114

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 "Lapland")

*Phryganea laevis* JW Zetterstedt, 1840

Syn.: *Anabolia soror* R McLachlan, 1875

Syn.: *Anabolia sororcula* R McLachlan, 1876

Syn.: *Phryganea brevis* JW Zetterstedt, 1840

Syn.: *Stathmophorus fuscus* F Kolenati, 1848

*Anabolia lombarda* F Ris, 1897 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007,

Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy, Switzerland)

*Anabolia nervosa* (J Curtis, 1834) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Larval head illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 110

Reported from Scotland (Orkney) by RH Andrew, 2000, Orkney Field Club Bulletin 2000: 47

Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122 Britain)

*Limniphilus nervosa* J Curtis, 1834

Syn.: *Anabolia lurida* JF Stephens, 1837

Syn.: *Anabolia Drusus [sic] nigricornis* JF Stephens, 1837

Syn.: *Phryganea fusca* FJ Pictet, 1834

Syn.: *Stathmophorus lapponicus* F Kolenati, 1848

*Anabolia nervosa excisa* R McLachlan, 1884 ( ~nervosa (J Curtis, 1834, Phil Mag 4: 124), Limnephilus

considered a synonym of *Anabolia nervosa* by F Schmid, 1950, Rev Suisse Hydrol 12: 308-309)

*Anabolia nervosa putoni* R McLachlan, 1884 ( ~nervosa (J Curtis, 1834, Phil Mag 4: 124), Limnephilus

considered a synonym of *Anabolia nervosa* by F Schmid, 1950, Rev Suisse Hydrol 12: 308-309)

*Anabolia oculata* AV Martynov, 1909 : OL (China (Tibet))

*Anabolia ozburni* LJ Milne, 1935 : NA (Canada)

*Anabolia schmidi* K-M Leng & L-F Yang, 2004 : OL (Male described originally near *Anabolia subquadrata* AV Martynov Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Sichuan Province, Jiuzhaigou County, 2,300 m, 07-ix-1983, coll WANG Shu-Yong; deposited in the Insect Collection of the Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Anabolia semenovi* (AV Martynov, 1935) (Taxonomic position discussed by H Nishimoto, T Nozaki, & DE Ruiter, 2000, Entomol Sci 3(2): 385 Russia (southeastern Siberia))

*Phacopteryx semenovi* AV Martynov, 1935

*Anabolia servata* (R McLachlan, 1880) (Russia (western Siberia))

*Asynarchus servata* R McLachlan, 1880

*Anabolia sordida* HA Hagen, 1861 : NA (United States of America)

Syn.: *Anabolia longicerca* DG Denning, 1941

*Anabolia soror* (unprovided)

*Anabolia soror brachyptera* AJ Silfvenius, 1906 (

~soror R McLachlan, 1875, Rev Syn p 104-105, pl 11 f 1-4

described originally a *Anabolia sororcula brachyptera*)

*Anabolia subquadrata* AV Martynov, 1930 (Photograph of male by W Mey & L Yang, 2001, Entomol Zeitschr 111(3): 84, f 49 China (Shaanxi))

*Anabolia taibaishanica* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Anabolia yunnanensis* K-M Leng & L-F Yang, 2004 : OL (Male described originally near *Anabolia subquadrata* AV Martynov Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan Province, Deqing County, 3,700 m elev, 27-viii-1987, coll LIAO Su-Bo; deposited in the Insect Collection of the Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

### ***Anagapetus* HH Ross, 1938**

*Anagapetus aisha* DG Denning, 1964 : NA (Male and female redescribed, distribution provided by D Ruiter, 2004, Western N Amer Naturalist 64(4): 458-460, f 5, 10 Holotype--Male; United States of America: California, Fresno County, Kings Canyon National Park (D Ruiter, 2004, Western N Amer Naturalist 64(4): 458) United States of America)

*Anagapetus bernea* HH Ross, 1947 : NA (Male and female redescribed, distribution provided by D Ruiter, 2004, Western N Amer Naturalist 64(4): 460-461, f 6, 10 Holotype--Male; United States of America: Oregon, Hood River County, Oxbow Springs (D Ruiter, 2004, Western N Amer Naturalist 64(4): 460) United States of America)

*Anagapetus chandleri* HH Ross, 1951 : NA (Male and female redescribed, distribution provided by D Ruiter, 2004, Western N Amer Naturalist 64(4): 461-462, f 7, 10 Holotype--Male; United States of America: California, Mariposa County, 2 miles east-southeast of Mariposa Grove (D Ruiter, 2004, Western N Amer Naturalist 64(4): 461) United States of America)

Syn.: *Anagapetus thirza* DG Denning, 1965

*Anagapetus debilis* (HH Ross, 1938) : NA (Male and female redescribed, distribution provided by D Ruiter, 2004, Western N Amer Naturalist 64(4): 462-463, f 8, 11 Holotype--Male; Utah: Cache County, Logan River Canyon (D Ruiter, 2004, Western N Amer Naturalist 64(4): 462) United States of America)

*Agapetus debilis* HH Ross, 1938

*Anagapetus hoodi* HH Ross, 1951 : NA (Male and female redescribed, distribution provided by D Ruiter, 2004, Western N Amer Naturalist 64(4): 463, f 9, 10 Holotype--Male; United States of America: Oregon, Hood River County, North Fork Iron Creek (D Ruiter, 2004, Western N Amer

Naturalist 64(4): 463) United States of America)

### ***Anchitrichia* OS Flint, 1970**

*Anchitrichia duplifurcata* OS Flint, 1983 : NT (Paraguay)

*Anchitrichia palmatiloba* OS Flint, 1991 : NT (Colombia)

*Anchitrichia spangleri* OS Flint, 1970 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Mexico (Chiapas))

*Anchitrichia trifurcata* EB Angrisano, 1984 : NT (Argentina)

### ***Androchorema* OS Flint, 1979**

*Androchorema chilense* OS Flint, 1979 : NT (Chile)

### ***Angrisanoia* H Ozdikmen, 2008**

*Angrisanoia acuti* (EB Angrisano & JV Sganga, 2009) : NT (Male described originally near "Paratrichia" *cebollati* EB Angrisano Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, Salto Acuti, 8-14-i-2006, Malaise trap, Angrisano & Bravo leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Paratrichia acuti* EB Angrisano & JV Sganga, 2009

*Angrisanoia cebollati* (EB Angrisano, 1995) : NT (Uruguay)

*Ochrotrichia cebollati* EB Angrisano, 1995

### ***Anisocentropus* R McLachlan, 1863**

#### **subgenus *Anisocentropus* R McLachlan, 1863**

*Anisocentropus (Anisocentropus) annulicornis* (HA Hagen, 1858) : OL (Reported form additional locality in Sri Lanka by J Olah & KA Johanson, 2010, Zootaxa 2457: 16 Sri Lanka)

*Macronema annulicornis* HA Hagen, 1858

Syn.: *Ganonema decipiens* G Ulmer, 1915

*Anisocentropus (Anisocentropus) atropurpureus* OS Flint, 2001 : OL (Holotype--Male; SRI LANKA: Matara District, Enselwatte, 25-v-1975, SL Wood & JL Petty; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Anisocentropus (Anisocentropus) bacchus* H Malicky & P Chantaramongkol, 1994 : OL (Thailand)

*Anisocentropus (Anisocentropus) banghaasi* G Ulmer, 1909 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 138 New Britain)

*Anisocentropus (Anisocentropus) bellus* N Banks, 1931 : OL (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 139 Philippines)

*Anisocentropus (Anisocentropus) bicoloratus* (AV Martynov, 1914) : AU (Synonym of *Anisocentropus latifascia* according to ME Mosely & DE Kimmins 1953 Trich Australia N Zeal p 172, but valid species according to A Neboiss 1977 Mem natn Mus Vict 38: 115-116 and A Neboiss 1980 Aust J Mar Freshwater Res 31: 209, 211, f 2, 8-9, 50- 55

Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 140 Australia)

*Ganonema bicoloratus* AV Martynov, 1914

*Anisocentropus (Anisocentropus) bipustulatus* L Botosaneanu & R de Vos, 2004 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 141 Indonesia (Iryan Jaya))

*Anisocentropus (Anisocentropus) brevipennis* (G Ulmer, 1906) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, India, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group and its *Anisocentropus* (*Anisocentropus*) *brevipennis* diagnostic species cluster according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 45 Syntypes--2 Males; Borneo, 2 different localities; first listed syntype deposited in the former Stettiner Museum (now Polish Academy of Science, Museum of the Institute of Zoology, Warszawa, Poland) and probably lost, and second listed syntype deposited in the Museum National d'Histoire Naturelle, Paris, France (J Olah & KA Johanson, 2010, *Zootaxa* 2457: 45) Borneo ?)

*Ganonema brevipennis* G Ulmer, 1906

*Anisocentropus* (*Anisocentropus*) *brunneus* S Jacquemart, 1967 : AT (Belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Democratic Republic of the Congo)

*Anisocentropus* (*Anisocentropus*) *corvinus* A Neboiss, 1980 : AU (Belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Australia)

*Anisocentropus* (*Anisocentropus*) *cretosus* R McLachlan, 1875 : OL (In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group, new locality in Indonesia (Sumba) reported by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 18-19 Indonesia (Sulawesi))

*Anisocentropus* (*Anisocentropus*) *croesus* R McLachlan, 1875 : OL (Belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Indonesia (Sulawesi))

*Anisocentropus* (*Anisocentropus*) *dilucidus* R McLachlan, 1863 : AU (Male described by L Botosaneanu & R de Vos, 2004, *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique Entomologie* 74: 7, figs

Forewing illustrated, belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 142 Papua New Guinea)

*Anisocentropus* (*Anisocentropus*) *erichthonios* H Malicky & S Cheunbarn, 2001 : OL (In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group, reported from Thailand, Laos, and Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 19 Holotype--XXX?; THAILAND, Mae Hong Son Province, Mae Nam Pai Thailand)

*Anisocentropus* (*Anisocentropus*) *eungellus* A Neboiss, 1980 : AU (Forewing illustrated, belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 143 Australia)

*Anisocentropus* (*Anisocentropus*) *fijianus* N Banks, 1936 : AU (In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group, forewing illustrated, reported from additional localities in Fiji Islands by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 20, f 28 Fiji Islands)

*Anisocentropus* (*Anisocentropus*) *fischeri* G Marlier, 1971 : AT (Belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Democratic Republic of the Congo)

Syn.: *Ganonema annulicorne* L Navas, 1931

*Anisocentropus* (*Anisocentropus*) *fridae* J Olah & KA Johanson, 2457 : AU (Male described originally in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group near *Anisocentropus* *fijianus* N Banks and *Anisocentropus* *hannahae* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Viti Levu, Naitasiri Province, Nakobalevu Mt, 22-ix-09-x-2002, 18°03'S, 178°25'E, rainforest, Malaise trap [M Irwin, E Schlinger & M Tokota'a; in alcohol; deposited in the Bernice P Bishop Museum, Honolulu, Hawaii, United States of America Fiji Islands)

*Anisocentropus* (*Anisocentropus*) *fulgidus* L Navas, 1933 : AU (Forewing illustrated, belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 144 New Guinea)

*Anisocentropus* (*Anisocentropus*) *fulvus* L Navas, 1934 : AT (In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group, male described, reported from Kenya and Tanzania by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 23, f 35-38 Holotype--Female; deposited in the Paris Museum, Paris, France (J Olah & KA Johanson, 2010, *Zootaxa* 2457: 23) Kenya)

*Anisocentropus* (*Anisocentropus*) *furcatus* (N Banks, 1924) : OL (In the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species group, male redescribed by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 24-25, f 39-43 Philippines)

*Ganonema furcatus* N Banks, 1924

*Anisocentropus* (*Anisocentropus*) *gilvamacula* L Botosaneanu & R de Vos, 2004 : AU (Belonging in the *Anisocentropus* (*Anisocentropus*) *latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Indonesia (Irian Jaya))

*Anisocentropus (Anisocentropus) golem* H Malicky, 1994 : OL (Belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Brunei)

*Anisocentropus (Anisocentropus) hannahae* J Olah & KA Johanson, 2457 : AU (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus fijianus* N Banks and *Anisocentropus fridae* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Vanua Levu, Macuata Province, Dogotuki, 2.5 km E of Nasavu River, 07-vii-2003, Malaise trap [M Irvin, E Schlinger & M Tokota'a], 16.2519\*S, 179.7833\*E; deposited in the Bernice P Bishop Museum, Honolulu, Hawaii, United States of America Fiji Islands)

*Anisocentropus (Anisocentropus) hoisat* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Anisocentropus (Anisocentropus) brevipennis* diagnostic species cluster of the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group near *Anisocentropus brevipennis* G Ulmer Holotype--Male; LAOS PDR: Luang Phrabang Prov, Nam Sat stream, 150 m upstr Hoi Sat Village, 344 m, UTM 48Q0220680, 2260258, 28-iv-02-v-2005, Malaise trap, loc 17 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Anisocentropus (Anisocentropus) hyboma* A Neboiss, 1986 : AU (Belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Papua New Guinea)

*Anisocentropus (Anisocentropus) illustris* R McLachlan, 1863 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 145 New Guinea)

*Anisocentropus (Anisocentropus) immunis* R McLachlan, 1863 : AU (In the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group, male redescribed, reported from additional localities in Papua New Guinea by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 28, f 49-52 New Guinea)

*Anisocentropus (Anisocentropus) io* DE Kimmins, 1962 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 146 New Guinea)

*Anisocentropus (Anisocentropus) ittikulama* F Schmid, 1958 : OL (Sri Lanka)

*Anisocentropus (Anisocentropus) kawamurai* M Iwata, 1927 (A synonym of *Anisocentropus immunis* sensu G Ulmer, 1907, *Collections Zoologiques du Baron Edm de Selys Longchamps* 6(1): 53-54, nec McLachlan, 1963, according to G Ulmer, 1951, *Archiv fuer Hydrobiologie, Supplement* 19: 345 and G Ulmer, 1955, *Archiv fuer Hydrobiologie, Supplement* 21: 420, 532)

Male redescribed from additional localities in Japan by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 16-18, f 17-21 Japan)

Syn.: *Ganonema pallidum* AV Martynov, 1935

*Anisocentropus (Anisocentropus) kempi* AV Martynov, 1936 : OL (India)

*Anisocentropus (Anisocentropus) kirramus* A Neboiss, 1980 : AU (Biological breakdown of leaf litter, nutrient enhancement effects in rainforest stream described by RG Pearson & NM Connolly, 2000, *Freshw Biol* 43(1): 31-42)

C4 plants contribute little to food web according to JE Clapcott & SE Bunn, 2003, *Freshwater Biology* 48(6): 1105-1116

Predator-prey relationships with predatory fish *Melanotaenia splendida* in tropical detritus-based food web discussed by L Boyero, PA Rincon, & RG Pearson, 2008, *Ecological Research* 23(4): 649-655

Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 147 Australia)

*Anisocentropus (Anisocentropus) krampus* H Malicky, 1994 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 148)

Reported from Papua New Guinea (New Britain) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Papua New Guinea (New Britain))

*Anisocentropus (Anisocentropus) kundalin* J Olah & H Malicky, 2011 : OL (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* Group, *Anisocentropus (Anisocentropus) brevipennis* Cluster, near *Anisocentropus brevipennis* G Ulmer, *Anisocentropus hoisat* J Olah & KA Johanson, *Anisocentropus maralus* J Olah & KA Johanson, and *Anisocentropus thinlin* J Olah & KA

Johanson Holotype--Male; INDONESIA: Sumatra, Way Kambas National Park, 04°05'S, 105°49'E, 22-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Anisocentropus (Anisocentropus) latifascia* (F Walker, 1852) : AU (Type locality is not "North America," but Australia according to G Ulmer, 1906

Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 149 Australia)

*Notidobia latifascia* F Walker, 1852

Syn.: *Anisocentropus flavicaput* R McLachlan, 1866

Syn.: *Goera elegans* F Walker, 1852

*Anisocentropus (Anisocentropus) longulus* L Navas, 1933 : OL (Myanmar)

*Anisocentropus (Anisocentropus) maclachlani* G Ulmer, 1929 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 150 New Guinea)

*Anisocentropus (Anisocentropus) magnificus* G Ulmer, 1906 : OL (In the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group, male re-illustrated, reported from additional locality in the Philippines by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 29, f 53-57 Philippines)

*Anisocentropus (Anisocentropus) malaisei* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus tapenan* J Olah & KA Johanson Holotype--Male; MYANMAR: North East, Kambaiti, 6800 ft, 7-iv-1934, Malaise trap [R Malaise]; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Anisocentropus (Anisocentropus) maralus* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Anisocentropus (Anisocentropus) brevipennis* diagnostic species cluster of the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group near *Anisocentropus brevipennis* G Ulmer Holotype--Male; MALAYSIA [Peninsular]: Perak Halong stream, ix-x-1993, light [GS Robinson]; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Anisocentropus (Anisocentropus) minutus* (AV Martynov, 1930) : OL (Reported from China (Hainan), Myanmar, and Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 18 China (Hainan))

*Ganonema minutus* AV Martynov, 1930

*Anisocentropus (Anisocentropus) mjoebergi* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus io* DE Kimmins, but this is a nomen nudum because the type repository was not named in the original publication Holotype--Male; INDONESIA: O. Borneo [Kalimantan], Pajau River [Mjoeberg]; deposition repository not named Indonesia (Kalimantan))

*Anisocentropus (Anisocentropus) muricatus* A Neboiss, 1980 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 151 Australia)

*Anisocentropus (Anisocentropus) nitidus* N Banks, 1937 : OL (Belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66 Philippines)

*Anisocentropus (Anisocentropus) pholos* H Malicky, 2009 : AU (Male described originally near *Anisocentropus banghaasi* G Ulmer and *Anisocentropus hyboma* A Neboiss

Reported from Papua New Guinea (New Britain) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Holotype--Male; [PAPUA NEW GUINEA: Bismark Archipelago,] New Britain, Yalom, 1000 m, leg HG Robinson; deposited in the Zoological Museum, Copenhagen, Denmark Papua New Guinea (Bismark Archipelago))

*Anisocentropus (Anisocentropus) pictilis* A Neboiss, 1986 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 152 Papua New Guinea)

*Anisocentropus (Anisocentropus) piepersi* R McLachlan, 1875 : OL (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 66, f 153 Indonesia (Sulawesi))

*Anisocentropus (Anisocentropus) pyraloides* (F Walker, 1852) : NA (United States of America)

*Notidobia pyraloides* F Walker, 1852

*Anisocentropus (Anisocentropus) saleph* H Malicky & W Mey, 2011 : OL (Male described originally Holotype--Male; INDONESIA: Irian Jaya, Biac Island, 16-ii-1996, leg ?; deposited in the Zoologisches



Museum, Berlin, Germany Indonesia (Irian Jaya))

*Anisocentropus (Anisocentropus) samuh* J Olah & KA Johanson, 2010 : AT (Male described originally in the *Anisocentropus (Anisocentropus) brevipennis* diagnostic species cluster of the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group near *Anisocentropus voeltzkowi* G Ulmer Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, 8-13-iii-1990, Malaise trap across stream, montane rain forest [WE Steiner]; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Anisocentropus (Anisocentropus) sawan* H Malicky, 2009 : OL (Male described originally near *Anisocentropus bellus* N Banks Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, headquarters, 1560 m, 06°00'N, 116°32'E, 9-18-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Anisocentropus (Anisocentropus) semiflavus* N Banks, 1939 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 154 Australia)

*Anisocentropus (Anisocentropus) sierramadrensis* W Mey, 2003 : OL (Male described originally near *Anisocentropus furcatus* N Banks

Belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66 Holotype--Male: PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to Agos River, at light, leg W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Anisocentropus (Anisocentropus) solomonis* N Banks, 1939 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 155 Solomon Islands)

*Anisocentropus (Anisocentropus) tapenan* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus malaisei* J Olah & KA Johanson Holotype--Male; SOLOMON ISLANDS: Guadalcanal Island, Tapenenje, 10-23-xii-1953, at light [JD Bradley & I Rennell]; BM 1954-222; deposited in The Natural History Museum, London, United Kingdom Solomon Islands (Guadalcanal))

*Anisocentropus (Anisocentropus) thinlin* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Anisocentropus (Anisocentropus) brevipennis* diagnostic species cluster of the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group near *Anisocentropus hoisat* J Olah & KA Johanson Holotype--Male; LAOS PDR: Odomxai Province, Hoi Nga stream, next to R 13, just upstr Hoi Nga Village, 870 m, UTM 48Q0199131, 2277876, 28-iv-02-v-2005, Malaise trap, loc 20 [N Joensson, T Malm & B Viklund]; Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Anisocentropus (Anisocentropus) torulus* A Neboiss, 1980 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 156 Australia)

*Anisocentropus (Anisocentropus) triangulatus* G Ulmer, 1907 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 157 Fergusson Island)

*Anisocentropus (Anisocentropus) tristis* G Ulmer, 1929 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 158 Ambon)

*Anisocentropus (Anisocentropus) usambarensis* G Ulmer, 1908 : AT (Larva described, reported from Nigeria as *Anisocentropus* sp by SS Ogbogu, 2006, Tijdschrift voor Entomologie 149: 95-99

Male redescribed from Nigeria, as *Anisocentropus unsambarensis* G Ulmer, by SS Ogbogu, 2009, Tijdschrift voor Entomologie 152: 287-290, f 1-2

Belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66 East Africa)

*Anisocentropus (Anisocentropus) valgus* A Neboiss, 1980 : AU (Forewing illustrated, belonging in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 66, f 159 Australia)

*Anisocentropus (Anisocentropus) vanuensis* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus vitiensis* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Vanua Levu,

Savudvodra Dam, 10-ii-1971 [GS Robinson]; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Vanua Levu))

*Anisocentropus (Anisocentropus) vitiensis* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Anisocentropus (Anisocentropus) latifascia* diagnostic species group near *Anisocentropus vanuensis* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Viti Levu, Nandarivatu, 3-5-ix-1974 [GS Robinson]; BM 1974-462; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Viti Levu))

*Anisocentropus (Anisocentropus) voeltzkowi* G Ulmer, 1909 : AT (Reported from Madagascar (main island and Comoros Islands-Mayotte Island) by KA Johanson & N Mary, 2009, Zootaxa 2089: 8

In the *Anisocentropus (Anisocentropus) brevipennis* diagnostic species cluster of the *Anisocentropus (Anisocentropus) latifascia* diagnostic species-group, reported from another location in Madagascar by J Olah & KA Johanson, 2010, Zootaxa 2457: 55 Madagascar)

#### **subgenus *Anisokantropus* H Malicky, 1994**

*Anisocentropus (Anisokantropus) apis* H Malicky, 1998 : OL (Myanmar)

*Anisocentropus (Anisokantropus) cameloides* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Reported from additional locality in Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2457: 16 Vietnam)

*Anisocentropus (Anisokantropus) diana* H Malicky & P Chantaramongkol, 1994 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Male redescribed, reported from additional locality in Malaysia (Peninsular) by J Olah & KA Johanson, 2010, Zootaxa 2457: 56-57, f 113-116 Thailand)

*Anisocentropus (Anisokantropus) dvaupadhah* J Olah & KA Johanson, 2010 : OL (Male described originally near *Anisocentropus pandora* H Malicky & P Chantaramongkol, but this is a nomen nudum because the type repository was not named in the original publication Holotype--Male; MALAYSIA: Peninsular; no deposition repository was mentioned in the original description Malaysia (Pensinular))

*Anisocentropus (Anisokantropus) handschini* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Anisocentropus (Anisokantropus) orion* W Mey, 1997 : OL (Male described originally near *Anisocentropus pandora* H Malicky & P Chantaramongkol

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 22-29-iv-1995, leg V Sinyajev; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Anisocentropus (Anisokantropus) pan* H Malicky & P Chantaramongkol, 1994 : OL (Thailand)

*Anisocentropus (Anisokantropus) pandora* H Malicky & P Chantaramongkol, 1994 : OL (Thailand)

*Anisocentropus (Anisokantropus) salsus* (C Betten, 1909) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39: 499

Distributed in Thailand, Nepal, India (Assam), and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Ganonema salsus* C Betten, 1909

*Anisocentropus (Anisokantropus) ulmeri* H Malicky, 1998 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

#### **subgenus *Anisointropus* H Malicky, 1994**

*Anisocentropus (Anisolinotropus) magnus* (N Banks, 1931) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Ganonema magnus* N Banks, 1931

**subgenus *Anisomontropus* H Malicky, 1994**

*Anisocentropus (Anisomontropus) bungus* J Olah & KA Johanson, 2010 : OL (Male described originally near *Anisocentropus (Anisomontropus) janus* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Nghta Biha Province, Bung stream, 10-i-1991, light [S Andrikovics]; deposited in the J Olah Private Collection, presently under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Anisocentropus (Anisomontropus) csorbai* J Olah & KA Johanson, 2010 : OL (Male described originally near *Anisocentropus (Anisomontropus) janus* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Quang Tri Province, Huong Hoa District, Huong Hoa Nature Reserve, near Cup Village, 400 m, loc Number 92, centered at 16°56'15"N, 106°34'52"E, 7-10-xi-2007, at light [G Csorba]; deposited in the J Olah Private Collection, presently under National Protection of the Hungarian Natural History Museum, Hungary Thailand)

*Anisocentropus (Anisomontropus) flavomarginatus* G Ulmer, 1906 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Anisocentropus (Anisomontropus) insularis* AV Martynov, 1930 : OL (China (Hainan))

*Anisocentropus (Anisomontropus) janus* H Malicky & P Chantaramongkol, 1994 : OL (Male re-illustrated, reported from Thailand and Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2457: 64, f 129-132 Thailand)

*Anisocentropus (Anisomontropus) maculatus* G Ulmer, 1926 : OL (Distribution, morphology, development, diet, population dynamics provided by D Dudgeon, 1999, P Internatn Symp Trich 9: 83-91)

Reported from Vietnam, as *Ganonema vestitum*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Effects of leaf litter characteristics on feeding and fitness discussed by AOY Li & D Dudgeon, 2008, Marine and Freshwater Research 59(10): 897-901

Reported from China (Guangdong) and Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2457: 64 China (Guangdong))

Syn.: *Ganonema vestitum* L Navas, 1932

*Anisocentropus (Anisomontropus) mibsam* H Malicky, 2009 : OL (Male described originally near *Anisocentropus insularis* AV Martynov Holotype--Male; LAOS, Hua Phan Provinz, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 22-iv-15-v-2008, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Anisocentropus (Anisomontropus) thonmihn* J Olah & KA Johanson, 2010 : OL (Male described originally near *Anisocentropus (Anisomontropus) bungus* J Olah & KA Johanson Holotype--Male; VIETNAM: Quang Tri Province, Huong Hoa District, Huong Hoa Nature Reserve, near Cup Villaga, 400 m, loc Number 92, centered at 16°56'15"N, 106°34'52"E, 7-10-xi-2007, light {G. Csorba}; deposited in the J Olah Private Collection, presently under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

***Anisogamodes* AV Martynov, 1924**

*Anisogamodes flavipunctatus* (AV Martynov, 1914) (Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33)

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (southwestern Siberia - Altai Mountains))

*Anisogamus flavipunctatus* AV Martynov, 1914

Syn.: *Limnophilus dulmae* W Mey, 1980

***Anisogamus* R McLachlan, 1874**

*Anisogamus difformis* (R McLachlan, 1867) (Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Carinthia)

*Stenophylax difformis* R McLachlan, 1867

Syn.: *Anisogamus noricanus* R McLachlan, 1875

### ***Annitella* F Klapalek, 1907**

#### **subgenus *Annitella* F Klapalek, 1907**

*Annitella (Annitella) amelia* F Sipahiler, 1998 (Portugal)

*Annitella (Annitella) apfelbecki* (F Klapalek, 1899) (Bosnia)

*Chaetopterygopsis apfelbecki* F Klapalek, 1899

*Annitella (Annitella) cabeza* F Sipahiler, 1998 (Spain)

*Annitella (Annitella) chomiacensis* (J Dziedzielewicz, 1908) (Listed from Ukraine, with hybrids

*Annitella* "dziedzielewiczi" F Schmid and *Annitella* "kosciuszki" Klapalek, by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Carpathian Mountains)

*Heliconis chomiacensis* J Dziedzielewicz, 1908

Syn.: *Annitella dziedzielewiczi* F Schmid, 1952

Syn.: *Annitella kosciuszki* F Klapalek, 1907

Syn.: *Annitella transylvanica* , 1957

*Annitella (Annitella) esparraguera* (F Schmid, 1952) (Transferred from *Psilopteryx* to *Annitella* by F Sipahiler, 1998, Aquatic Insects 20(3): 151 Spain)

*Psilopteryx esparraguera* F Schmid, 1952

*Annitella (Annitella) lalomba* F Sipahiler, 1998 (Spain)

*Annitella (Annitella) lateroproducta* (L Botosaneanu, 1952) (Listed from Ukraine as *Annitella chomiacensis lateroproducta* (L Botosaneanu) by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Roumania)

*Carpathopsyche lateroproducta* L Botosaneanu, 1952

*Annitella (Annitella) pyrenaea* (L Navas, 1930) (Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 France)

*Heliconis pyrenaea* L Navas, 1930

*Annitella (Annitella) sanabriensis* (MA Gonzalez & JC Otero, 1985) (transferred from *Psilopteryx* to *Annitella* by F Sipahiler, 1998, Aquatic Insects 20(3): 157 Spain)

*Psilopteryx sanabriensis* MA Gonzalez & JC Otero, 1985

*Annitella (Annitella) singularis* (F Klapalek, 1902) (Transferred from *Vareshiana* to *Annitella* by H Malicky, 2005, Linzer biol Beitr 37(1): 572 Bosnia)

*Chaetopteryx singularis* F Klapalek, 1902

*Annitella (Annitella) thuringica* (G Ulmer, 1909) (larva described by M Bolzhuber, 1998, Lauterbornia 34: 224 Germany)

*Heliconis thuringica* G Ulmer, 1909

*Annitella (Annitella) triloba* M Marinkovic-Gospodnetic, 1957 (Bosnia)

#### **subgenus *Praeannitella* F Schmid, 1952**

*Annitella (Praeannitella) iglesiasi* MA Gonzalez & H Malicky, 1988 (Spain)

*Annitella (Praeannitella) obscurata* (R McLachlan, 1876) : PA (Larva described by M Bolzhuber, 1998, Lauterbornia 34: 224)

Reported from Hungary by S Nogradi, A Uherkovich, & J Olah, 1999, in S Mahunka, editor, The fauna of the Aggtelek National Park. Volume II, pages 383-393

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

*Chaetopteryx obscurata* R McLachlan, 1876

### ***Anomalocosmoecus* F Schmid, 1957**

*Anomalocosmoecus argentinicus* OS Flint, 1983 : NT (Argentina)

*Anomalocosmoecus blancasi* F Schmid, 1957 : NT (Reported skating on the surface of Lake Titicaca, Peru, according to F Schmid, 1957, Beitrage zur Entomologie 7: 379-398 and JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227 Peru)

*Anomalocosmoecus illiesi* (G Marlier, 1962) : NT (Peru)  
*Magellomyia illiesi* G Marlier, 1962  
*Anomalocosmoecus subtropicalis* (F Schmid, 1955) : NT (Peru)  
*Magellomyia subtropicalis* F Schmid, 1955

***Anomalopsyche* OS Flint, 1967**

*Anomalopsyche minuta* (F Schmid, 1957) : NT (Chile)  
*Myotrichia minuta* F Schmid, 1957  
Syn.: *Anomalopsyche ocellata* OS Flint, 1967

***Anomalopterygella* FCJ Fischer, 1966**

*Anomalopterygella chauviniana* (JPEF Stein, 1874) (Distribution in Europe discussed by H Malicky, 2003, *Silva Gabreta* 9: 167-178

Degree of intolerance score (DIS) of 8.39 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Reported skating on the surface of streams in the mountains of central and southwestern Europe, according to H Bertrand, 1951, *Archives de Zoologie Experimentale et Generale* 87, Notes et Revue: 177-187 and JC Morse & S Chuluunbat, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 219-227

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 119

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 389, f 31 (Poland)

*Anomalopteryx chauviniana* JPEF Stein, 1874  
Syn.: *Anomalopteryx alacerrima* F Schmid, 1952

***Antarctoecia* G Ulmer, 1907**

*Antarctoecia brasiliensis* AA Huamantincó & JL Nessimian, 2003 : NT (Larva and pupa described, habitat and diet provided by AA Huamantincó & JL Nessimian, 2004, *Zootaxa* 490: 1-8, f 1-14 Brazil)

*Antarctoecia nordenskiöldii* (G Ulmer, 1905) : NT (Argentina)  
*Dicosmoecus nordenskiöldii* G Ulmer, 1905

***Antillopsyche* N Banks, 1941**

*Antillopsyche ayacara* L Botosaneanu, 1980 : NT (Cuba)  
*Antillopsyche demma* L Botosaneanu, 1996 : NT (Male described originally)

Known distribution in Dominican Republic (Dajabon, Elias Pina, Hato Mayor, Pedernales, La Vega, San Cristobal) provided by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 52 Dominican Republic)

*Antillopsyche tubicola* OS Flint, 1964 : NT (Puerto Rico)  
*Antillopsyche wrightii* N Banks, 1941 : NT (Cuba)

***Antipodoecia* ME Mosely, 1934**

*Antipodoecia turneri* ME Mosely, 1934 : AU (Australia)

## ***Apatania* F Kolenati, 1847**

*Apatania aberrans* (AV Martynov, 1933) (Larva described by I Akaga, 1975, Freshw Biol (Tansui Seibutsu) 13: 5-7, f 1)

Distributed in Japan (Hokkaido, Honshu, Kyushu) and Russia (Kuriles, Sakhalin, Far East) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

*Apatelia aberrans* AV Martynov, 1933

*Apatania aison* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Apatania alberta* AP Nimmo, 1971 : NA (Canada)

*Apatania amathira* J Olah, 1994 : OL (Pakistan)

*Apatania aristoteles* H Malicky, 2011 : OL (Male described originally near *Apatania brevis* ME Mosely and *Apatania dirghabahu* F Schmid Holotype--Male; CHINA: Yunnan, Zhongdian, 3000 m, 27°28'N, 099°53'E, 19-vii-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Yunnan))

*Apatania arizona* GB Wiggins, 1973 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337)

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Apatania auctumnalis* W Mey & H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Apatania auricula* (KH Forsslund, 1930) (Reported from Germany (Mecklenburg-Vorpommern) by U Jueg & C Grosser, 2002, Lauterbornia 44: 37-43 Sweden, Finland, Ireland)

*Apatelia auricula* KH Forsslund, 1930

*Apatania avyddhagada* F Schmid, 1968 : OL (India)

*Apatania barri* SD Smith, 1969 : NA (United States of America)

*Apatania bhimagada* F Schmid, 1968 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Apatania bicruris* K Leng & L Yang, 1998 : OL (China (Zhejiang))

*Apatania biwaensis* H Nishimoto, 1994 (Japan)

*Apatania brevis* (ME Mosely, 1936) : OL (Afghanistan)

*Apatidea brevis* ME Mosely, 1936

*Apatania carpathica* F Schmid, 1954 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Ukraine)

Syn.: *Apatania motasi* L Botosaneanu, 1957

*Apatania cedri* H Malicky & A Dia, 1997 (Lebanon)

*Apatania chasica* (DG Denning, 1954) : NA (United States of America)

*Radema chasica* DG Denning, 1954

*Apatania chokaiensis* M Kobayashi, 1973 (Japan)

*Apatania cimbrica* (A Nielsen, 1950) (Considered a subspecies of *Apatania muliebris* by A Nielsen, 1969, Entomol Medd 37: 314)

Parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 565 Denmark)

*Apatidea cimbrica* A Nielsen, 1950

Syn.: *Apatania helvetica* F Schmid, 1954

*Apatania comosa* (DG Denning, 1949) : NA (United States of America)

*Radema comosa* DG Denning, 1949

*Apatania complexa* (AV Martynov, 1935) (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))

*Archapatania complexa* AV Martynov, 1935

*Apatania copiosa* (R McLachlan, 1875) : PA (

Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 565

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 'Habitat in valle Sarafschanensi, prope Magion et in regno Kokanico (in montibus Alajensis, prope Schachimardan et Gulscha" Uzbekistan, Kirghizstan)

*Apatidea copiosa* R McLachlan, 1875

Syn.: *Apatania grandimera* VD Ivanov, 1991

*Apatania crassa* F Schmid, 1953 (Japan)

*Apatania crymophila* R McLachlan, 1880 : NA (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Siberia (Buryatia) as *Apatania crymophyla* AV Martynov by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (Siberia))

Syn.: *Apatelia aenicta* HH Ross, 1938

*Apatania cypria* B Tjeder, 1952 (Cyprus)

*Apatania dalecarlica* KH Forsslund, 1942 : PA (Described originally as a subspecies of *Apatania zonella*, itself originally described as *Phryganea stigmatella zonella* JW Zetterstedt, 1840, Ins Lapp p 1066

Elevated to species status by B Svensson and B Tjeder, 1975, Ent scand 6: 274

Range extended to EP by W Mey, 1991, Dtsch Entomol Z 38: 357

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Sweden)

*Apatania devisaraspali* F Schmid, 1968 : OL (India)

*Apatania dirghabahu* F Schmid, 1968 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Apatania doehleri* F Schmid, 1954 (Reported from Siberia (Altai, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Russia (Siberia - Sajon Mountains))

*Apatania eatoniana* R McLachlan, 1880 (France)

*Apatania extenta* (DE Kimmins, 1950) : OL (India)

*Apatidea extenta* DE Kimmins, 1950

*Apatania fimbriata* (FJ Pictet, 1834) (Larval feeding behavior by G Becker, 1996, Verhandl Westdeutsch Entomol 1996: 125-128

Case construction, larval size, and crawling rates on substratum with different roughnesses reported by G Becker, 2001, Archiv fuer Hydrobiologie 151(2): 317-334

Population size in Breitenbach of Germany reported by R Wagner, 2002, Nova Supplementa Entomologica 15: 607-616 France)

*Phryganea fimbriata* FJ Pictet, 1834

Syn.: *Apatania hagenii* F Kolenati, 1859

Syn.: *Phryganea fontium* HA Hagen, 1859

*Apatania forsslundi* W Tobias, 1981 (Parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 565 Norway)

*Apatania hamardabanica* W Mey, 1994 (Russia(Siberia))

*Apatania helvetica* F Schmid, 1954 (Considered a subspecies of *Apatania muliebris* by A Nielsen, 1969, Entomol Medd 37: 314

Distinct species and parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566  
Switzerland)

*Apatania hirtipes* (J Curtis, 1835) : NA ("American North Pole Region")

*Tinodes ? hirtipes* J Curtis, 1835

*Apatania hispida* (KH Forsslund, 1930) (Sweden, Norway)

*Apatelia hispida* KH Forsslund, 1930

*Apatania iijimae* (M Iwata, 1928) (Transferred from *Metanoea* to *Apatania* by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 205 type larva in Center for Ecological Research, Kyoto University, according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 205 Japan)

*Metanoea iijimae* M Iwata, 1928

*Apatania immensa* K Leng & L Yang, 1998 : OL (China (Zhejiang))

*Apatania incerta* (N Banks, 1897) : NA (United States of America)

*Enoicyla incerta* N Banks, 1897

Syn.: *Apatania blacki* JL Sykora & JS Weaver, 1978

Syn.: *Radema praevolans* JC Morse, 1971

Syn.: *Radema rossi* JC Morse, 1971

*Apatania insularis* IM Levanidova, 1979 (Russia (Kurile Islands))

*Apatania intermedia* (A Nielsen, 1950) (Considered a subspecies of *Apatania muliebris* by A Nielson, 1969, Entomol Medd 37: 316

Parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 565 Denmark)

*Apatidea intermedia* A Nielsen, 1950

*Apatania irinae* VN Grigorenko, 1991 (*Apatania irinae* VN Grigorenko, 1987, Latv Entomol 30: XX?[76-89] is a nomen nudum according to VD Ivanov & VN Grigorenko, 1991, Latvjax Entomologs 34: 51

Male and female described originally near *Apatania cypria* B Tjeder, *Apatania carpathic* F Schmid, and *Apatania eatoniana* R McLachlan

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Holotype--Male; UKRAINE: the Crimea, vic of Alushta, former Cosmodamian monastery, sources of Alma, 700 m, UV-light trap, 4-vi-1986, A Zagulyaev; deposited in the Zoological Institute, Leningrad, Russia (Ukraine)

*Apatania ishikawai* F Schmid, 1964 (Japan)

*Apatania isimongolica* K Leng & L Yang, 1998 : OL (China (Sichuan))

*Apatania jemtlandica* A Nielsen, 1969 (Described originally as a subspecies of *Apatania muliebris* R McLachlan, 1866

Distinct species and parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566  
Sweden)

*Apatania kalariana* F Schmid, 1961 : OL (Pakistan)

*Apatania kitagamii* M Iwata, 1927 (Transferred from *Stenophylax* to *Apatania* by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 205 Type specimens in Center for Ecological Research, Kyoto, and the Kiso Biological Station, Kyoto University, Kisofukushima, representing mixed series according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 205 Japan)

*Apatania kolteriana* A Nielsen, 1969 (Described as a subspecies of *Apatania muliebris* R McLachlan, 1866

Distinct species and parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566 Kolter  
Island)

*Apatania kyotoensis* M Tsuda, 1939 (Japan)

*Apatania lenica* VD Ivanov, 1991 (Holotype--Female; RUSSIA: East Siberia, Yakutia, mouth of the Lena River, Ust'-Lensk Natural Reserve Nikalai-Kyal'n, 16--viii-1989, S Pulyaev; deposited in the Zoological Institute, Leningrad, Russia (northern Siberia))

*Apatania majuscula* R McLachlan, 1872 : PA (Reported from Siberia (Altai, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (southern Siberia))

*Apatania malaisei* (DE Kimmins, 1950) : OL (Myanmar)



*Apatidea malaisei* DE Kimmins, 1950  
*Apatania maritima* VD Ivanov & IM Levanidova, 1993 (Female (as *Apatania maritima*) described by SJ Park and YJ Bae, 2000, Korean J Syst Zool 16(1): 16, f 1(1-2) Russia (southern Far East))  
*Apatania mercantoura* L Botosaneanu & J Giudicelli, 2004 (Female described originally in the parthenogenic *Apatania muliebris* Complex France)  
*Apatania meridiana* R McLachlan, 1880 (France)  
*Apatania mirabilis* AV Martynov, 1909 : OL (China ("Kham," Tibet and "Orin-nor," Qinghai))  
*Apatania moharamana* (F Schmid, 1961) : OL (Pakistan)  
*Apataniana moharamana* F Schmid, 1961  
*Apatania momoyaensis* M Kobayashi, 1973 (Alternative spelling *momoyaensis* selected by T Nozaki, K Tanida, & T Ito, 1999, Jap J Limnol 60(3): 358 Japan)  
*Apatania mongolica* AV Martynov, 1914 (Russia (Alash Plateau) [type locality China - Gansu according to VD Ivanov in litt])  
*Apatania muliebris* R McLachlan, 1866 (Larval metanotum, abdominal segments II-III, tarsal claw illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 90-92)

Species is polytypic, with six subspecies, according to A Nielsen, 1969, Entomol Medd 37: 313-318

Female redescribed, parthenogenic, range restricted (not in Russia) by VD Ivanov & VN Grigorenko, 1991, Latvijas Entomologs 34: 50-51, f 2g-i

Parthenogenetic, not polytypic, without subspecies, according to H Malicky, 2005, Linzer biol Beitr 37(1): 566

Reported from Italy (Piemonte) by H Malicky, 2005("2004"), Gortania 26: 252

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Britain)

*Apatania nielseni* F Schmid, 1954 (Considered a subspecies of *Apatania muliebris* by A Nielson, 1969, Entomol Medd 37: 317

Parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566 Denmark)

*Apatania nigra* (F Walker, 1852) : NA (Canada)

*Potamaria nigra* F Walker, 1852

*Apatania nikkoensis* M Tsuda, 1939 (Japan)

*Apatania olympica* H Malicky, 1982 (Turkey)

*Apatania ottomoogi* H Malicky, 2007 : OL (Male described originally near *Apatania aison* H Malicky, *Apatania avyddhagada* F Schmid, *Apatania bhimagadha* F Schmid, *Apatania brevis* ME Mosely, *Apatania dirghabahu* F Schmid, *Apatania extenta* DE Kimmins, or *Apatania kalariana* F Schmid Holotype--Male; BHUTAN: Thimphu (Stadt), 27\*28'N, 89\*38'E, 2300 m, 14-iv--4-v-2006, Graf & Malicky; Lichtanflug an Strassenbeleuchtung; deposited in NECS, Thimphu Bhutan)

*Apatania parvula* (AV Martynov, 1935) (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (central Far East - Ochotsk))

*Apatelia parvula* AV Martynov, 1935

*Apatania pectinella* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Apatania robusta* K Leng & L Yang, 1998 : OL (China (Sichuan))

*Apatania sachalinensis* AV Martynov, 1914 (Russia (Sakhalin))

*Apatania sarkandensis* VD Ivanov, 1991 (Male and female described originally near *Apatania ulmeri* F Schmid Holotype--Male; KAZAKHSTAN: Taldy-Kurgan distr, Sarkand region, brook at the W outskirts of Petropavlovka, 21-viii, 1990, VD Ivanov leg; deposited in the Zoological Institute of the Russian Academy of Sciences, Leningrad, Russia Kazakhstan)

*Apatania scherfi* R Burkhardt & W Tobias, 1982 (Described originally as a subspecies of *Apatania muliebris* R McLachlan, 1866, Ent monthly Mag 3: 113

Distinct species and parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566 Germany)

*Apatania schmidi* H Nishimoto, 1988 : OL (Nepal)

*Apatania schmidiana* VD Ivanov & VN Grigorenko, 1991 (Misidentified as *Apatania muliebris* R

McLachlan by F Schmid, 1954, Tijdschr Entomol 97: 36, f 70a-d

Mentioned by OL Katschalova, 1987, Trichoptera in GS Medvedev, editor, Keys for Identification of Insects of the European Part of the USSR 4(6): XX?

Parthenogenetic according to H Malicky, 2005, Linzer biol Beitr 37(1): 566 Holotype--Female; FRANCE: Rhone Valley (V Ivanov & V Grigorenko, 1991, Latvjas Entomologs 34: 51, referring to F Schmid, 1954, Tijdschr Entomol 97: 36) France)

Syn.: *Apatania muliebris*, 1954

*Apatania semicircularis* K Leng & L Yang, 1998 : OL (China (Zhejiang))

*Apatania shirahatai* M Kobayashi, 1973 (Japan)

*Apatania shoshone* N Banks, 1924 : NA (United States of America)

*Apatania sinensis* (AV Martynov, 1914) : OL (diagnosis provided by SJ Park & YJ Bae, 1998, Korean J Syst Zool 14(4): 364 China (Hubei))

*Apatelia sinensis* AV Martynov, 1914

*Apatania siniaevi* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Apatania sorex* (HH Ross, 1941) : NA (United States of America)

*Radema sorex* HH Ross, 1941

*Apatania spiculata* L Yang & B Wang, 1997 : OL (China (Hubei))

*Apatania stigmatella* (JW Zetterstedt, 1840) : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Lapland (probably Sweden according to VD Ivanov, 1996, personal communication))

*Phryganea stigmatella* JW Zetterstedt, 1840

Syn.: *Apatania frigida*

Syn.: *Apatania pallida* HA Hagen, 1861

*Apatania stylata* L Navas, 1916 (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 133

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Spain)

*Apatania subtilis* AV Martynov, 1909 (Turkey)

*Apatania subtilis frigoris* AV Martynov, 1913 (

~subtilis AV Martynov, 1909, Zool Jb Syst 27: 51, 515, 522-524, 548, 553, 554, pl24 f 10-13, pl 25 f 14-16)

*Apatania sulcifformis* K Leng & L Yang, 1998 : OL (China (Zhejiang))

*Apatania szczesnyorum* J Olah, 2006 (Male described originally in the *Apatania crassa* Subgroup Holotype--Male; POLAND: Polish Tatras, Chocholowski Valley, 22-viii-1986, net leg J Olah; deposited in the J Olah collection, Debrcen, Hungary Poland)

*Apatania taiwanensis* M Kobayashi, 1987 : OL (Taiwan)

*Apatania tavala* (DG Denning, 1953) : NA (United States of America)

*Radema tavala* DG Denning, 1953

*Apatania tcharvakensis* VD Ivanov, 1991 (Male described originally, distantly related to *Apatania tenuispina* F Schmid Holotype--Male; UZBEKISTAN: Tcharvak kishlak, 28-iii-1968, L Zhiltsova leg; deposited in the Zoological Institute of the Russian Academy of Sciences, Leningrad, Russia Uzbekistan)

*Apatania tenuispina* F Schmid, 1963 : OL (Afghanistan)

*Apatania theischingerorum* H Malicky, 1981 (Spain)

*Apatania tridigitulus* C Hwang, 1957 : OL (China (Fujian))  
*Apatania trifurca* L Tian & C Sun, 1992 : OL (China (Tibet))  
*Apatania tsudai* F Schmid, 1954 (Japan)  
*Apatania ulmeri* (F Schmid, 1950) : OL (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 China ("Sajan"))  
*Apatidea ulmeri* F Schmid, 1950  
*Apatania vepsica* VD Ivanov, 1991 (Parthenogenetic according to H Malicky, 2005 Linzer biol Beitr 37(1): 566 Holotype--Female; RUSSIA: Baltic Region, Leningra District, vic of Lopukhinka, Novaya Burya Village, source of the brook -- left tribut of Kovash River, 22-ix,1989, V Ivanov; deposited in the Zoological Institute, Leningrad, Russia Russia (North West))  
*Apatania volsorum* GP Moretti, F Cianficconi, & F Papagno, 1988 (Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76 Italy)

*Apatania wallengreni* R McLachlan, 1871 (Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147 Finland, Lapland (probably Sweden according to VD Ivanov, 1996, personal communication))  
*Apatania xenophanes* H Malicky, 2011 : OL (Male described originally near *Apatania copiosa* R McLachlan and *Apatania kalariana* F Schmid Holotype--Male; CHINA: Sichuan, Xinduqiao, 3500 m, 29\*52'N, 102\*18'E, 8-x-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))  
*Apatania yenchingensis* G Ulmer, 1932 (China(Beijing))  
*Apatania zonella* (JW Zetterstedt, 1840) : NA, PA (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Fossils described by JO Solem and HH Birks, 2002, Proc Internatn Symp Trich 10: 75-80

Reported from Svalbard, Iceland, North Norway, arctic Russia, and arctic North America by GM Gislason, 2005, Verh Internatn Verein Limnol 29: 199-200

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Reported from Siberia (Altai, Southern Buryatia, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Lapland)

*Phryganea zonella* JW Zetterstedt, 1840  
Syn.: *Apatania groenlandica* HJ Kolbe, 1912  
Syn.: *Apatania inornata* HDJ Wallengren, 1886  
Syn.: *Apatania palmeni* J Sahlberg, 1894  
Syn.: *Goniotaulus arcticus* , 1865

### ***Apataniana* ME Mosely, 1936**

*Apataniana borcka* F Sipahiler, 1996 (Turkey)  
*Apataniana bulbosa* (AV Martynov, 1918) (Russia (southern Siberia - Minoussinsk))  
*Apatania bulbosa* AV Martynov, 1918

*Apataniana charadija* F Schmid, 1968 : OL (India)  
*Apataniana cornuta* VD Ivanov, 1991 (Male and female described originally Holotype--Male; KAZAKHSTAN: Taldy-Kurgan distr, 5 km SW of Sarkand city, source of a river (under stone), 23-viii-1990, V Ivanov leg; deposited in the Zoological Institute of the Russian Academy of Sciences, Leningrad, Russia Kazakhstan)  
*Apataniana elongata* (R McLachlan, 1875) : PA (Reported from WP by H Malicky, 2005, Linzer biol Beitr 378(1): 566 "Habitat in valle Sarafschanensi" Tadzshikistan)  
*Apatidea elongata* R McLachlan, 1875  
*Apataniana hellenica* H Malicky, 1987 (Greece)  
*Apataniana hutchinsoni* ME Mosely, 1936 : OL (China (Tibet))  
*Apataniana impexa* F Schmid, 1968 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Reported from Siberia (Altai) as *Apataniana "implexa"* F Schmid by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Mongolia)

*Apataniana pamirensis* W Mey & IM Levanidova, 1989 (Russia (Tadzshikistan))  
*Apataniana propria* W Mey, 1986 : PA (Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 566 Uzbekistan [type country is Tadzshikistan according to VD Ivanov in litt])  
*Apataniana rauschorum* H Malicky, 1999 (Kirghizstan)  
*Apataniana stropones* H Malicky, 1993 (Greece)  
*Apataniana tschuktschorum* IM Levanidova, 1979 (Russia (northeastern Siberia))  
*Apataniana vardusia* H Malicky, 1992 (Greece)

#### ***Apatanodes* L Navas, 1934**

*Apatanodes brachytergum* (OS Flint, 1974) : NT (Chile)  
*Australochorema brachytergum* OS Flint, 1974  
*Apatanodes sociatus* L Navas, 1934 : NT (Nomen dubium according to F Schmid, 1989, Bull Inst r Sci natr Belg, Ent, Suppl 59: 92

Larva (as *Apatanodes rectispinum*) described by E Angrisano, 1997, P Internatn Symp Trich 8: 15-17 Chile)

Syn.: *Australochorema rectispinum* F Schmid, 1955

#### ***Apatidelia* ME Mosely, 1942**

*Apatidelia acuminata* K Leng & L Yang, 1998 : OL (China (Zhejiang))  
*Apatidelia gansuensis* W Mey, 1997 (China (Gansu))  
*Apatidelia martynovi* ME Mosely, 1942 : OL (China (Fujian))

#### ***Aphilorheithrus* ME Mosely, 1936**

*Aphilorheithrus decoratus* A Neboiss, 1977 : AU (New locality reported in Australia (Tasmania) by J Olah & KA Johanson, 2010, Zootaxa 2457: 121 Australia)  
*Aphilorheithrus luteolus* A Neboiss, 1977 : AU (Australia)  
*Aphilorheithrus pauxillus* A Neboiss, 1977 : AU (Australia)  
*Aphilorheithrus stepheni* ME Mosely, 1936 : AU (New locality reported in Australia (Tasmania) by J Olah & KA Johanson, 2010, Zootaxa 2457: 121 Australia)

#### ***Aplatyphylax* DE Kimmins, 1950**

*Aplatyphylax cristatus* DE Kimmins, 1950 : OL (India)  
*Aplatyphylax erectus* DE Kimmins, 1950 : OL (India)  
*Aplatyphylax eupalinos* F Schmid, 1991 : OL (India)  
*Aplatyphylax mishmicus* DE Kimmins, 1950 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Aplatyphylax steelae* DE Kimmins, 1950 : OL (India)  
*Aplatyphylax terrestris* F Schmid, 1991 : OL (India)

#### ***Apsilochorema* G Ulmer, 1907**

**subgenus *Apsilochorema* G Ulmer, 1907**

- Apsilochorema (Apsilochorema) agassizi* W Mey, 1999 : AU (Papua New Guinea)  
*Apsilochorema (Apsilochorema) banksi* (ME Mosely, 1941) : AU (Fiji)  
*Achorema banksi* ME Mosely, 1941  
*Apsilochorema (Apsilochorema) buergersi* G Ulmer, 1938 : AU ([additional description by W Mey, 1999, Mitt Mus nat kd Berl Dtsch entomol Z 46: 181, f 30-31] New Guinea)  
*Apsilochorema (Apsilochorema) cabang* J Huisman, 1992 : OL (Malaysia (Sabah))  
*Apsilochorema (Apsilochorema) caledonicum* F Schmid, 1989 : AU (New Caledonia)  
*Apsilochorema (Apsilochorema) cheesmanae* DE Kimmins, 1958 : AU (New Hebrides)  
*Apsilochorema (Apsilochorema) chelicerum* F Schmid, 1989 : AU (Australia)  
*Apsilochorema (Apsilochorema) clavator* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) clavigerum* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) dakchinam* F Schmid, 1970 : OL (India)  
*Apsilochorema (Apsilochorema) diffine* N Banks, 1920 : OL (Sri Lanka)  
*Apsilochorema (Apsilochorema) extensum* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) falciferum* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) gisbum* (ME Mosely, 1953) : AU, OL (Male redescribed from Indonesia (Sulawesi) by A Neboiss & L Botosaneanu, 1988, Bulletin Zoologisch Museum, Universiteit van Amsterdam 11(2): 160-161, f 7-9 Australia)  
*Bachorema gisbum* ME Mosely, 1953  
*Apsilochorema (Apsilochorema) indicum* (G Ulmer, 1905) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Psilochorema indicum* G Ulmer, 1905  
Syn.: *Apsilochorema turanicum* AV Martynov, 1934  
*Apsilochorema (Apsilochorema) iranicum* F Schmid, 1959 (Status discussed by W Mey, 1999, Mitt Mus Nat kd Berlin, Dtsch entomol Z 46: 182

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

- Apsilochorema (Apsilochorema) kinabalu* J Huisman, 1992 : OL (Malaysia (Sabah))  
*Apsilochorema (Apsilochorema) luzonicum* W Mey, 1999 : OL (Philippines)  
*Apsilochorema (Apsilochorema) mancum* G Ulmer, 1951 : OL (Status discussed by W Mey, 1999, Mitt Mus Nat kd Berlin, Dtsch entomol Z 46: 182 Indonesia (Java))  
*Apsilochorema (Apsilochorema) monicae* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) moselyellum* DE Kimmins, 1955 : OL (Malaysia (Sarawak))  
*Apsilochorema (Apsilochorema) moselyi* HH Ross, 1951 : AU (Fiji)  
*Apsilochorema (Apsilochorema) nilgiri* W Mey, 1999 : OL (Spelled *Apsilochorema nilgiri* in Zoological Record 136, 13A, p 608 India)  
*Apsilochorema (Apsilochorema) nosoanhamum* H Malicky, 1978 : OL (Reported from Indonesia (Sumatra), as *Apsilochorema nosoanhama*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Apsilochorema (Apsilochorema) obliquum* (ME Mosely, 1953) : AU (Australia)  
*Bachorema obliquum* ME Mosely, 1953  
*Apsilochorema (Apsilochorema) oxypages* A Neboiss, 1984 : AU (Papua New Guinea)  
*Apsilochorema (Apsilochorema) rossi* DE Kimmins, 1957 : AU (Solomon Islands)  
*Apsilochorema (Apsilochorema) segitiga* J Huisman, 1992 : OL (Malaysia (Sabah))  
*Apsilochorema (Apsilochorema) tajuk* J Huisman, 1992 : OL (Malaysia (Sabah))  
*Apsilochorema (Apsilochorema) tigmatejanam* F Schmid, 1970 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264
- Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 India)  
*Apsilochorema (Apsilochorema) unciferum* F Schmid, 1989 : AU (New Guinea)  
*Apsilochorema (Apsilochorema) urdalum* A Neboiss, 1962 : AU (Australia)  
*Apsilochorema (Apsilochorema) zimmermani* HH Ross, 1951 : AU (Fiji)

**subgenus *Archichorema* W Mey, 1999**

- Apsilochorema (Archichorema) akis* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Apsilochorema (Archichorema) annandalei* AV Martynov, 1935 : OL (Reported from Nepal by H

Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Apsilochorema (Archichorema) anosoana* H Malicky, 1978 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Apsilochorema (Archichorema) corymbosum* W Mey, 1999 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Apsilochorema (Archichorema) eliud* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Apsilochorema (Archichorema) epimetheus* H Malicky, 2000 : OL (China (Zhejiang))

*Apsilochorema (Archichorema) excisum* (G Ulmer, 1927) : OL (Male described, lectotype designated by W Mey, 1999, Mitt Mus Nat kd Berlin, Dtsch entomol Z 46: 179-180, f 26-29 Taiwan)

*Psilochorema excisum* G Ulmer, 1927

*Apsilochorema (Archichorema) hrasvam* F Schmid, 1970 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, P Internatn Symp Trich 11: 26 India)

*Apsilochorema (Archichorema) hwangi* (FCJ Fischer, 1970) : OL (New name for longipenne C Hwang

Transferred to *Apsilochorema* by W Mey, 1999, Mitt Mus Nat kd Berl, Drschr entomol Z 46: 180-181

Identification of larva with mtDNA sequences discussed by L-N Shan, L-F Yang, & C-H Sun, 2004, Acta Zootaxonomica Sinica 29(3): 434-439 China (Fujian))

*Psilochorema hwangi* FCJ Fischer, 1970

Syn.: *Psilochorema longipenne* C Hwang, 1957

*Apsilochorema (Archichorema) malayanum* N Banks, 1931 : OL (Malaysia (Peninsular))

*Apsilochorema (Archichorema) malickyi* F Schmid, 1989 : OL (Thailand)

*Apsilochorema (Archichorema) natibhinnam* F Schmid, 1970 : OL (India)

*Apsilochorema (Archichorema) nigrum* (L Navas, 1932) : OL (Larva described, based on identification with mtDNA sequences, as *Apsilochorema unculatum*, by L-N Shan, L-F Yang, & C-H Sun, 2004, Acta Zootaxonomica Sinica 29(3): 434-439

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Agapetus nigrum* L Navas, 1932

Syn.: *Apsilochorema unculatum* F Schmid, 1970

*Apsilochorema (Archichorema) sutshanum* AV Martynov, 1934 (Life history described by T Ito, 1999, Biol Inland Waters 14: 28-34

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Russia (southeastern Siberia))

Syn.: *Apsilochorema coreanum* L Botosaneanu, 1970

Syn.: *Psilochorema japonicum* M Tsuda, 1942

*Apsilochorema (Archichorema) tanum* F Schmid, 1970 : OL (India)

*Apsilochorema (Archichorema) tonkinense* W Mey, 1998 : OL (Male described originally near *Apsilochorema vaneyam* F Schmid, 1970

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 25-30-iii-1995, 2300 m, w Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Apsilochorema (Archichorema) utchtchunam* F Schmid, 1970 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, P Internatn Symp Trich 11: 26

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 India)

*Apsilochorema (Archichorema) vaneyam* F Schmid, 1970 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, P Internatn Symp Trich 11: 26 India)

***Archaeophylax* DE Kimmins, 1953**

*Archaeophylax canarus* A Neboiss, 1962 : AU (Australia)

*Archaeophylax ochreus* ME Mosely, 1953 : AU (Male redescribed, additional localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 73, f 23F)

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Holotype--Male; Australia: Tasmania, Cuvier River, Feb 1941; deposited in The Natural History Museum, London, United Kingdom Australia (Tasmania)

Syn.: *Archaeophylax vernalis* A Neboiss, 1977

***Archithremma* AV Martynov, 1935**

*Archithremma ulachensis* AV Martynov, 1935 (Reported in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (central eastern Siberia))

***Arctopora* CG Thomson, 1891**

*Arctopora pulchella* (N Banks, 1908) : NA (Canada)

*Limnephilus (Goniotauius) pulchella* N Banks, 1908

*Arctopora salmon* (SD Smith, 1969) : NA (United States of America)

*Lenarchulus salmon* SD Smith, 1969

*Arctopora trimaculata* (JW Zetterstedt, 1840) : NA, PA (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 240)

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Lapland)

*Phryganea trimaculata* JW Zetterstedt, 1840

***Arctopsyche* R McLachlan, 1868**

*Arctopsyche amurensis* AV Martynov, 1934 (Male and female genitalia of species near this species and *Arctopsyche ladogensis* F Kolenati from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, Geol, Biodiv & Ecol Lake Hovsgol (Mongolia), p 319, f 19.1A-E)

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (southern Far East))

*Arctopsyche arcuata* F Schmid, 1968 : OL (India)

*Arctopsyche bicornis* F Schmid, 1968 : OL (India)

*Arctopsyche bicruris* FR Gui & LF Yang, 2001 : OL (Holotype--XXX?; CHINA: Yunnan, Eryuan Country, Niujie, Futian, Meici River China (Yunnan))

*Arctopsyche californica* S Ling, 1938 : NA (United States of America)

Syn.: *Arctopsyche divergens* N Banks, 1943

*Arctopsyche cervinata* W Mey, 1997 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Vietnam)

*Arctopsyche clasnaumanni* W Mey, 2005 : OL (Male described originally, near *Arctopsyche mesogona* W Mey Holotype--Male; VIETNAM: Lao Cai Province, Sa Pa, Botanical Garden, 22\*20'N, 103\*50'E, 1560 m asl, 2-xi-2002, leg M Hoffmann; deposited in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Arctopsyche composita* AV Martynov, 1930 : OL (Reported from Nepal by H Malicky, 2006,

Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

*Arctopsyche fissa* F Schmid, 1968 : OL (India)

*Arctopsyche grandis* (N Banks, 1900) : NA (

Mountain stream ecology related to thermal gradient physiological responses by WH Lowe & FR Hauer, 1999, Can J Zool 77(10): 1637-1644

Variation in abdominal setation of larvae in Montana and New Mexico described by GD De Jong, 2002, Proceedings of the Entomological Society of Washington 104(1): 242-243

Distribution related to metal pollution discussed by DJ Cain, SN Luoma, & WG Wallace, 2004, Environm Toxicol Chem 23(6): 1436-1473

Landscape attributes, dissolved organic C, and metal bioaccumulation in Colorado reported by BA Prusha & WH Clements, 2004, Journal of the North American Benthological Society 23(2): 327-339 United States of America)

*Hydropsyche grandis* N Banks, 1900

Syn.: *Arctopsyche inermis* Banks, 1943

Syn.: *Arctopsyche phryganoides* N Banks, 1918

*Arctopsyche hsui* W Mey, 2008 : OL (Male described originally near *Arctopsyche wuyshanensis* W Mey Holotype--Male; TAIWAN: Nantou, Hueisun Experimental Forest, 22-24-x-1998, 650 m, leg W Mey; deposited in the Museum fuer Naturkunde Berlin, Berlin, Germany Taiwan)

*Arctopsyche hynreck* H Malicky et P Chantaramongkol, 1991 : OL (Larva described by P Thamsenanupap, P Chantaramongkol, & H Malicky, 2005, Braueria 32: 8-9, pl 2 f 1-8, pl 3 f 1 Thailand)

*Arctopsyche inaequispinosa* F Schmid, 1968 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Arctopsyche integra* F Schmid, 1968 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

*Arctopsyche irrorata* N Banks, 1905 : NA (Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168

Female described by IC Stocks, 2011, Zootaxa 2831: 25, 32, f 16-19 United States of America)

*Arctopsyche ladogensis* (F Kolenati, 1859) : NA, PA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 4-6

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 207

Male and female genitalia of species described near this species and *Arctopsyche amurensis* AV Martynov from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, Geol, Biodiv & Ecol Lake Hovsgol (Mongolia), p 319, f 19.1A-E

Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302 Russia (northwestern, "Lake Ladoga"))

*Aphelocheira ladogensis* F Kolenati, 1859

Syn.: *Arctopsyche ladogensis*, 1878

Syn.: *Arctopsyche ramosa* R McLachlan, 1878

*Arctopsyche lobata* AV Martynov, 1930 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86 and by H Malicky, 2007, Linzer biol Beitr 39(1): 497 China (Tibet))



*Arctopsyche loeffleri* W Mey, 2008 : OL (Male described originally near *Arctopsyche wuyshanensis* W Mey and *Arctopsyche hsui* W Mey Holotype--Male; VIETNAM: Provinz Thua Thien - Hue, A Luoi, A Rong, Khe Cha Lenh, 809 m, rainforest, N16°05.374', E107°27.559', 12-13-viii-204, leg S Loeffler; deposited in the Museum fuer Naturkunde Berlin, Berlin, Germany Vietnam)

*Arctopsyche mesogona* W Mey, 1997 : OL (Reported from China (Province XXX?) by FR Gui & LF Yang, 2001, *Acta Zootaxonomica Sinica* 25(4): 419-425

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31 Vietnam)

*Arctopsyche palpata* AV Martynov, 1934 (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Larval ecology by SL Kocharina, 1997, *Russ J Aq Ecol* 6(1-2): 43-51

Reported from China (Province XXX?) by FR Gui & LF Yang, 2001, *Acta Zootaxonomica Sinica* 25(4): 419-425

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 Russia (southern Far East))

*Arctopsyche pluviosa* L Navas, 1916 : OL (India)

*Arctopsyche reticulata* (G Ulmer, 1915) : OL (China (Sichuan))

*Arctopsychodes reticulata* G Ulmer, 1915

*Arctopsyche shimianensis* FR Gui & LF Yang, 2001 : OL (DNA sequenced and larva described by X Zhou, 2009, *Zootaxa* 2147: 1-6, 8-9; f 1a-b, 2a-l; tab 1, 2 Holotype--XXX?; CHINA: Sichuan, Shimian County China (Sichuan))

*Arctopsyche spinescens* FR Gui & LF Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Feng County, Tiantai Mountain Forest Park China (Shaanxi))

*Arctopsyche spinifera* G Ulmer, 1907 (Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 Japan)

*Arctopsyche tricornis* F Schmid, 1968 : OL (India)

*Arctopsyche trispinosa* F Schmid, 1968 : OL (China (Sichuan))

*Arctopsyche variabilis* F Schmid, 1968 : OL (Larva described by P Thamsenanupap, P

Chantaramongkol, & H Malicky, 2005, *Braueria* 32: 8-9, pl 3 f 2 Myanmar)

*Arctopsyche vietnamensis* W Mey, 1997 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31 Vietnam)

*Arctopsyche wuyshanensis* W Mey, 2009 : OL (Male described originally in the *Arctopsyche composita* Group near *Arctopsyche hsui* W Mey Holotype--Male; CHINA: Jiangxi, Wuy Shan, 50 km SE Yingtan, 1600 m, 15-iii-2002, leg V Siniaev; in alcohol; deposited in the Museum fuer Naturkunde Berlin, Germany China (Jiangxi))

### ***Asahaya* F Schmid, 1991**

*Asahaya asambaddha* F Schmid, 1991 : OL (India)

### ***Ascalaphomerus* F Walker, 1852**

*Ascalaphomerus finitimus* R McLachlan, 1862 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 "northern China")

*Ascalaphomerus humeralis* F Walker, 1852 : OL ("northern China")

### ***Ascotrichia* OS Flint, 1983**

*Ascotrichia frontalis* OS Flint, 1983 : NT (Paraguay)

*Ascotrichia surinamensis* (OS Flint, 1974) : NT (Surinam)

*Betrichia surinamensis* OS Flint, 1974

**Aselas KH Barnard, 1934**

*Aselas camella* KH Barnard, 1934 : AT (Republic of South Africa)

**Ashmira ME Mosely, 1939**

*Ashmira elia* ME Mosely, 1939 : OL (India)

**Asmicridea ME Mosely, 1953**

*Asmicridea capricornica* JC Dean, 2001 : AU (Type range includes also Queensland and Western Australia Holotype--XXX?; AUSTRALIA: Northern Territory, Graveside Creek Australia)  
*Asmicridea edwardsii* (R McLachlan, 1866) : AU (The species epithet was spelled edwardsi by ME Mosely & DE Kimmins, 1953, Trich Australia N Zealand, p 333-336, 529, and by A Neboiss, 19??, Atlas of ????, p ??

Wing coupling structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 Holotype--Male; AUSTRALIA: Melbourne, Edwards; deposited in The Natural History Museum, London, United Kingdom

Abdomen missing according to ME Mosely & DE Kimmins, 1953, Trich Australia N Zealand, p 336 Australia)

*Hydropsyche edwardsii* R McLachlan, 1866

Syn.: *Smicridea nivea* G Ulmer, 1905

*Asmicridea grisea* (ME Mosely, 1933) : AU (Australia)

*Smicridea grisea* ME Mosely, 1933

**Astratodina ME Mosely, 1936**

*Astratodina agenor* F Schmid, 1991 : OL (Nepal)

*Astratodina antenor* F Schmid, 1991 : OL (India)

*Astratodina anteros* F Schmid, 1991 : OL (India)

*Astratodina inermis* ME Mosely, 1936 : OL (China (Tibet))

Syn.: *Astratodina mihirakula* F Schmid, 1961

**Asynarchus R McLachlan, 1880**

*Asynarchus aldinus* (HH Ross, 1941) : NA (Canada)

*Limnophilus aldinus* HH Ross, 1941

*Asynarchus amurensis* (G Ulmer, 1905) : PA (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Female from South Korea redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 36-37, f 6a-c, 11c

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 201

Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 569

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (southeastern Siberia))

*Limnophilus amurensis* G Ulmer, 1905

*Asynarchus batchawanus* (DG Denning, 1949) : NA (A geographical variant of *Asynarchus curtus* according to F Schmid, 1954, Mitt Schweiz ent Ges 27(2): 60, 81

A distinct species according to F Schmid, 1980, Gen Trich Can Etats Adj, Agric Can 1692: 114 (Canada)

*Limnephilus batchawanus* DG Denning, 1949

Syn.: *Limnephilus conerus* HH Ross, 1950

*Asynarchus cinnamoneus* F Schmid, 1950 : NA (Canada)

*Asynarchus circopa* (HH Ross & DR Merkle, 1952) : NA (United States of America)

*Limnephilus circopa* HH Ross & DR Merkle, 1952

*Asynarchus contumax* R McLachlan, 1880 : PA (Reported from Russia (northwestern European part, Siberia, Sakhalin, Far East), Finland, Sweden, Norway by TI Arefina, N Minakava, & T Nozaki, 2004, Flora and Fauna of Sakhalin Island (Materials of International Sakhalin Project) Part I, Vladivostok, Dalnauka, p 211-212 Finland, Russia (northwestern Siberia))

*Asynarchus impar* (R McLachlan, 1880) : PA (Finland, Lapland, Russia (northwestern Siberia))

*Stenophylax impar* R McLachlan, 1880

*Asynarchus iteratus* R McLachlan, 1880 : NA (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (northwestern Siberia))

*Asynarchus lapponicus* (JW Zetterstedt, 1840) : NA, PA (Larval metanotum illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 111

Reported from Romania (Eastern Carpathians, Praid) by L Ujvarosi, 1999("1998"), Entomologica Romanica 3: 73-78

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 (Lapland)

*Phryganea lapponicus* JW Zetterstedt, 1840

Syn.: *Anabolia modesta* HA Hagen, 1861

Syn.: *Asynarchus simplex* N Banks, 1900

Syn.: *Limnophilus rhanidophorus* HDJ Wallengren, 1879

Syn.: *Stenophylax fusorius* R McLachlan, 1875

*Asynarchus montanus* (N Banks, 1907) : NA (*Asynarchus curtus* is a synonym of *Anabolia planifrons* F Kolenati according to LJ Milne, 1935, Stud N Am Trich 2: 49 (as *Anabolia curta*), and HH Ross, 1938, Psyche 45(1): 35 (as *Limnephilus curtus*)

*Asynarchus curtus* is a distinct species in genus *Limnephilus* according to HH Ross, 1944, Bull Illinois Natural History Survey 23: 298

Male and female redescribed, transferred to *Asynarchus* (as *Asynarchus curtus*) by F Schmid, 1954, Mitt Schweiz Ent Ges 27: 81-84, f 18-19 (United States of America)

*Anabolia montanus* N Banks, 1907

Syn.: *Anabolia curta* N Banks, 1920

*Asynarchus mutatus* (HA Hagen, 1861) : NA (Canada)

*Hallesus mutatus* HA Hagen, 1861

*Asynarchus nigriculus* (N Banks, 1908) : NA (Effects of amphibian *Ambystoma tigrinum nebulosum* predation on larvae described by SA Wissinger, HH Whiteman, GB Sparks, GL Rouse, & WS Brown, 1999, Ecology 80(6): 2102-2116

Emergence phenology discussed by DS Finn & NL Poff, 2008, Arctic Antarctic and Alpine Research 40(4): 638-646 (United States of America)

*Anabolia nigriculus* N Banks, 1908

*Asynarchus pacificus* (N Banks, 1900) : NA (United States of America)

*Stenophylax pacificus* N Banks, 1900

Syn.: *Limnephilus nepus* HH Ross, 1938

*Asynarchus planifrons* (F Kolenati, 1848) : NA (Canada)

*Desmotaulius planifrons* F Kolenati, 1848

*Asynarchus rossi* (JW Leonard & FA Leonard, 1949) : NA (A species of *Asynarchus* according to DE Ruiter, 1996, personal communication

Recollected, rare, locally abundant in Minnesota by DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 (United States of America)

*Limnephilus rossi* JW Leonard & FA Leonard, 1949  
*Asynarchus sachalinensis* AV Martynov, 1914 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201;

species status needing review according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201

Life history described by T Ito, 2008, *Proceedings of the International Symposium on Aquatic Entomology in East Asia* 3: 49-62, 203

Life history, larval food, and adult flight period described by T Ito, 2008, *Proceedings of the 3rd International Symposium on Aquatic Entomology in East Asia*, p 49-62 Russia (Sakhalin), Japan)

Syn.: *Limnephilus tateyamanus* M Tsuda, 1942

*Asynarchus thedenii* (HDJ Wallengren, 1879) : PA (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Lapland)

*Stenophylax thedenii* HDJ Wallengren, 1879

Syn.: *Asynarchus adulterinus* HDJ Wallengren, 1891

*Asynarchus thedenii brachyptera* AJ Silfvenius, 1900 (

~*thedenii* (HDJ Wallengren, 1879, *Ent monthly Mag* 15: 275), *Stenophylax*)

*Asynarchus tibetanus* F Schmid, 1966 : OL (India)

*Asynarchus zhiltzovae* K Kumanski, 1981 (Russia (Northern Caucasus))

### ***Atanatolica* ME Mosely, 1936**

*Atanatolica acuminata* RW Holzenthal, 1988 : NT (Ecuador)

*Atanatolica aurea* RW Holzenthal, 1988 : NT (Colombia)

*Atanatolica botosaneanui* OS Flint, 1981 : NT (Venezuela)

*Atanatolica brasiliانا* (F Brauer, 1865) : NT (Brazil)

*Mystacides brasiliانا* F Brauer, 1865

*Atanatolica caldas* RW Holzenthal, 1988 : NT (Colombia)

*Atanatolica choco* RW Holzenthal, 1988 : NT (Colombia)

*Atanatolica cotopaxi* RW Holzenthal, 1988 : NT (Ecuador)

*Atanatolica dominicana* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 53 Dominica)

*Atanatolica flinti* RW Holzenthal, 1988 : NT (Brazil)

*Atanatolica manabi* RW Holzenthal, 1988 : NT (Ecuador)

*Atanatolica moselyi* DG Denning & RW Holzenthal, 1988 : NT (Costa Rica)

*Atanatolica muyupampa* RW Holzenthal, 1988 : NT (Bolivia)

*Atanatolica nigra* RW Holzenthal, 1988 : NT (Colombia)

*Atanatolica nivea* RW Holzenthal, 1988 : NT (Colombia)

*Atanatolica panamensis* RW Holzenthal, 1988 : NT (Panama)

*Atanatolica penai* RW Holzenthal, 1988 : NT (Bolivia)

*Atanatolica zongo* RW Holzenthal, 1988 : NT (Bolivia)

### ***Athripsodes* GJ Billberg, 1820**

*Athripsodes albifrons* (C Linnaeus, 1758) : PA (Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, *J Insect Behav* 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Male redescribed by H Malicky, 1999, *Entomol Z* 109(6): 231, f 2-4

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported as Athripsodes cf albifrons/bilineatus by MT Greenwood, 2008, Braueria 35: 21 Sweden)

*Phryganea albifrons* C Linnaeus, 1758

Syn.: *Leptocerus interjectus* R McLachlan, 1881

Syn.: *Phryganea interrupta* E Donovan, 1813

*Athripsodes amplexus* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus amplexus* KH Barnard, 1934

*Athripsodes angriamani* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Iran)

*Athripsodes antalya* F Sipahiler, 1994 (Turkey)

*Athripsodes asanus* (ME Mosely, 1939) : AT (Ruwenzori)

*Leptocerus asanus* ME Mosely, 1939

*Athripsodes aterrimus* (JF Stephens, 1836) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoe, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval ventral apotome, mesonotum, and case illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 130-132

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

*Leptocerus aterrimus* JF Stephens, 1836

Syn.: *Leptocerus caliginosus* JF Stephens, 1836

Syn.: *Phryganea nigrafasciata* AJ Retzius, 1783

*Athripsodes aterrimus perfuscus* (JF Stephens, 1836) ((a variety of *Leptocerus aterrimus* according to R McLachlan, 1862, Ent Annual, p 33)

~*aterrimus* (JF Stephens, 1836, Ill Brit Ent 6: 200), *Leptocerus*)

*Leptocerus aterrimus perfuscus* JF Stephens, 1836

*Athripsodes aterrimus tineoides* (JA Scopoli, 1763) ((a variety of *Mystacides aterrimus* according to F Brauer, 1857, Neur Austr p 41)

~*aterrimus* (JF Stephens, 1836, Ill Brit Ent 6: 200), *Leptocerus*)

*Phryganea aterrimus tineoides* JA Scopoli, 1763

*Athripsodes bagbeae* FM Gibon, 1991 : AT (Ivory Coast)

*Athripsodes bakoyei* FM Gibon, 1991 : AT (Mali)

*Athripsodes barnardi* (S Jacquemart, 1960) : AT (Republic of South Africa)

*Leptocerus barnardi* S Jacquemart, 1960

*Athripsodes bergensis* KMF Scott, 1958 : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Athripsodes bessae* H Malicky, 1984 (Portugal)  
*Athripsodes bibulus* (KH Barnard, 1940) : AT (Republic of South Africa)  
*Leptocerus bibulus* KH Barnard, 1940  
*Athripsodes bifidus* DE Kimmins, 1959 : AT (Uganda)  
*Athripsodes bilineatus* (C Linnaeus, 1758) (Male redescribed by H Malicky, 1999, Entomol Z 109(6): 232, f 5

Seasonal and diurnal flight behavior and swarming behavior described by T Ehlert, T Timm, & H Schuhmacher, 1999, P Internatn Symp Trich 9: 93-98

Habitat connectivity of adult during the reproductive phase reported by T Ehlert, 2000("1998"), Verhandlungen Westdeutscher Entomologentag 1998: 187-193

Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), Gortania 26: 256

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported as *Athripsodes* cf *albifrons*/*bilineatus* by MT Greenwood, 2008, Braueria 35: 21 Sweden)

*Phryganea bilineatus* C Linnaeus, 1758  
Syn.: *Leptocerus affinis* JF Stephens, 1836  
Syn.: *Leptocerus fulvoguttatus* ME Mosely, 1935  
Syn.: *Leptocerus noguerensis* L Navas, 1930  
Syn.: *Phryganea bifasciata*, 1791  
Syn.: *Phryganea gallata* AF Fourcroy, 1785  
*Athripsodes bilineatus aegaeus* H Malicky, 1999 (~*bilineatus* (C Linnaeus, 1758, Syst Nat ed 10: 549), *Phryganea*)  
*Athripsodes boettgeri* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)  
*Athripsodes bomana* (ME Mosely, 1939) : AT (Democratic Republic of the Congo)  
*Leptocerus bomana* ME Mosely, 1939  
*Athripsodes braueri* (E Pictet, 1865) (Spain)  
*Mystacides braueri* E Pictet, 1865  
Syn.: *Leptocerus laufferi* L Navas, 1931  
Syn.: *Leptocerus zapateri* L Navas, 1908  
*Athripsodes caeruleatus* DE Kimmins, 1956 : AT (Nigeria)  
*Athripsodes caglari* F Sipahiler, 2008 (Described originally in the new *Athripsodes sewangensis* Species Group near *Athripsodes antalya* F Sipahiler and *Athripsodes sewangensis* AV Martynov Turkey)  
*Athripsodes caparti* (S Jacquemart, 1963) : AT (Republic of South Africa)  
*Leptocerus caparti* S Jacquemart, 1963  
*Athripsodes caricaria* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus caricaria* KH Barnard, 1934  
*Athripsodes cedri* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus cedri* KH Barnard, 1934  
*Athripsodes ceracleoides* K Kumanski, 1991 : OL (Male redescribed, female described by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 5, 40-41, f 85, 190

~Reported from Russia (Khabarovsk Krai) and North Korea TI Arefina, 2005, Zootaxa 1088: 52 Korean People's Democratic Republic)

*Athripsodes cinereus* (J Curtis, 1834) : PA (As senior synonym, FCJ Fischer, 1965, Trich Cat 6: 172-185

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Adult illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 152

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Leptocerus cinereus* J Curtis, 1834

Syn.: *Leptocerus seminiger* JF Stephens, 1836

Syn.: *Mystacida rufina* P Rambur, 1842

Syn.: *Phryganea annulata* JF Gmelin, 1789

*Athripsodes commutatus* (M Rostock, 1874) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Male redescribed by H Malicky, 1999, Entomol Z 109(6): 232, f 1

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)

*Leptocerus commutatus* M Rostock, 1874

*Athripsodes corniculans* JC Morse, 1974 : AT (Rhodesia)

*Athripsodes corrivalis* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus corrivalis* KH Barnard, 1934

*Athripsodes cuneorum* (R McLachlan, 1884) (Portugal)

*Leptocerus cuneorum* R McLachlan, 1884

Syn.: *Leptocerus andalusiacus* L Navas, 1934

*Athripsodes curvatus* (G Ulmer, 1912) : AT (Sudan)

*Leptocerus curvatus* G Ulmer, 1912

*Athripsodes dalmatinus* H Malicky, 1980 (Recorded from Italy by H Malicky, 2002, Entomofauna 23(1): 11 Bosnia)

*Athripsodes dieseli* (KH Barnard, 1940) : AT (Republic of South Africa)

*Leptocerus dieseli* KH Barnard, 1940

*Athripsodes discatus* JC Morse, 1974 : AT (Republic of South Africa)

*Athripsodes elaphus* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus elaphus* KH Barnard, 1934

*Athripsodes fissus* (G Ulmer, 1912) : AT (Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Tanganyika, Ruanda-Urundi)

*Leptocerus fissus* G Ulmer, 1912

Syn.: *Leptocerus ituriensis* L Navas, 1930

*Athripsodes fulvicornis* (AV Martynov, 1913) (Georgia)

*Leptocerus fulvicornis* AV Martynov, 1913

*Athripsodes fulvicornis obscurus* (AV Martynov, 1927) (

~fulvicornis (AV Martynov, 1913, Arb zool Labor Warschau (1912) p 63-64),Leptocerus)

*Leptocerus fulvicornis obscurus* AV Martynov, 1927

*Athripsodes furcatellus* (AV Martynov, 1928) (Kazakhstan)

*Homilia furcatellus* AV Martynov, 1928

*Athripsodes furcifer* (L Navas, 1923) : AT (Madagascar)  
*Leptocerus furcifer* L Navas, 1923  
*Athripsodes genei* (P Rambur, 1842) (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))  
*Mystacida genei* P Rambur, 1842  
*Athripsodes harrisoni* (KH Barnard, 1934) : AT (Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)  
*Leptocerus harrisoni* KH Barnard, 1934  
Syn.: *Leptocerus calcaratus* KH Barnard, 1941  
*Athripsodes hickini* DE Kimmins, 1956 : AT (Uganda)  
*Athripsodes iltschi* H Malicky, 1987 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Iran)

*Athripsodes inaequalis* (R McLachlan, 1884) (Portugal)  
*Leptocerus inaequalis* R McLachlan, 1884  
*Athripsodes jinjana* DE Kimmins, 1957 : AT (Uganda)  
*Athripsodes karsensis* F Cakin & H Malicky, 1983 (Turkey)  
*Athripsodes kimminsi* (G Marlier, 1956) : AT (Nomen novum for *Leptocerus ugandanus* (DE Kimmins)

The junior name *Athripsodes kimminsi* is preserved by Article 59(b) of the International Code of Zoological Nomenclature 3rd edition, 1985 (Uganda)

*Leptocerus kimminsi* G Marlier, 1956  
Syn.: *Athripsodes ugandanus* DE Kimmins, 1953  
*Athripsodes kondei* FM Gibon, 1991 : AT (Guinea)  
*Athripsodes longispinosus* (AV Martynov, 1909) (Turkey)  
*Homilia longispinosus* AV Martynov, 1909  
*Athripsodes longispinosus paleochora* (H Malicky, 1972) (~*longispinosus* (AV Martynov, 1909, Zool Jb Syst 27: 533-535, 549, pl 26 f 33-35), *Homilia*)  
*Homilia longispinosus paleochora* H Malicky, 1972  
*Athripsodes longistylis* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus longistylis* KH Barnard, 1934  
*Athripsodes lundanus* (G Marlier, 1965) : AT (Angola)  
*Leptocerus lundanus* G Marlier, 1965  
*Athripsodes mandana* (ME Mosely, 1939) : AT (Democratic Republic of the Congo)  
*Leptocerus mandana* ME Mosely, 1939  
*Athripsodes morettii* F Cianficconi & P Salerno, 2000 : AT (Male and female redescribed from Italy (Umbria) by F Cianficconi, P Salerno, & B Todini, 2000, Rivista di Idrobiologia 39(1-3): 263-294, figs

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Republic of South Africa)

*Athripsodes moselyi* DE Kimmins, 1956 : AT (Sierra Leone)  
*Athripsodes namaquanus* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus namaquanus* KH Barnard, 1934  
*Athripsodes niveosquamosus* DE Kimmins, 1963 : AT (Ethiopia)  
*Athripsodes oryx* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus oryx* KH Barnard, 1934  
*Athripsodes ozerenae* F Sipahiler, 2008 (Described originally in the new *Athripsodes sewangensis* Species Group near *Athripsodes antalya* F Sipahiler and *Athripsodes sewangensis* AV Martynov Turkey)  
*Athripsodes phokos* H Malicky & P Bunlue, 2006 : OL (Male described originally Holotype--Male; THAILAND: Mae Hong Son Prov, Namtok Mae Surin National Park, Mae Nam Pai, 19°21'N, 097°59'E, 310 m, 19-iii-2002, leg Pensri Bunlue; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Athripsodes potes* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus potes* KH Barnard, 1934



*Athripsodes prionii* KMF Scott, 1958 : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Athripsodes promontorii* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus promontorii* KH Barnard, 1934

*Athripsodes quadrispinus* DE Kimmins, 1959 : AT (Uganda)

*Athripsodes quartus* (G Marlier, 1943) : AT (Democratic Republic of the Congo)

*Leptocerus quartus* G Marlier, 1943

*Athripsodes quathlambae* (KH Barnard, 1941) : AT (Republic of South Africa)

*Leptocerus quathlambae* KH Barnard, 1941

*Athripsodes quentini* FM Gibon, 1991 : AT (Ivory Coast)

*Athripsodes rieli* (L Navas, 1918) (France)

*Leptocerus rieli* L Navas, 1918

*Athripsodes rossi* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Athripsodes sagittatus* J Olah, 1986 : AT (Tanzania)

*Athripsodes schoenobates* (KH Barnard, 1934) : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Leptocerus schoenobates* KH Barnard, 1934

*Athripsodes scramasax* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus scramasax* KH Barnard, 1934

*Athripsodes securis* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus securis* KH Barnard, 1934

*Athripsodes setifera* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Athripsodes sewangensis* (AV Martynov, 1925) (Armenia)

*Homilia sewangensis* AV Martynov, 1925

*Athripsodes shqiperiensis* P Chvojka, 1997 ([male redescribed by H Malicky, 1999, Entomol Z 109(6): 232, f 15-20] Albania)

*Athripsodes shqiperiensis timfiensis* H Malicky, 1999 (~shqiperiensis P Chvojka, 1997, Casopis Narodniho Muzea Rada Prirodovedna 166(1-4): 33, f 2-10)

*Athripsodes spatula* (KH Barnard, 1940) : AT (Republic of South Africa)

*Leptocerus spatula* KH Barnard, 1940

*Athripsodes spinosissimus* (G Ulmer, 1922) : AT (Cameroon)

*Leptocerus spinosissimus* G Ulmer, 1922

*Athripsodes stephanus* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus stephanus* KH Barnard, 1934

*Athripsodes stigma* DE Kimmins, 1953 : AT (Uganda)

*Athripsodes sylvaticus* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus sylvaticus* KH Barnard, 1934

*Athripsodes tabularis* (KH Barnard, 1934) : AT (Republic of South Africa)

*Leptocerus tabularis* KH Barnard, 1934

*Athripsodes taouate* M Dakki & H Malicky, 1980 (Morocco)

*Athripsodes taouate siculus* F Cianficconi, 2001 (Described originally as a species

Reduced to synonym of *Athripsodes taouate* M Dakki & H Malicky, 1980 by H Malicky, 2005, Linzer biol Beitr 37(1): 587

Occurring in geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--XXX?; ITALY: Sicily, Noto, Cava Grande)

*Athripsodes taouate tavaresi* (L Navas, 1916) (Described originally as a species

Reduced to synonym of *Athripsodes taouate* M Dakki & H Malicky, 1980 by H Malicky, 2005, Linzer biol Beitr 37(1): 587)

*Leptocerus taouate tavaresi* L Navas, 1916

*Athripsodes thibauti* FM Gibon, 1991 : AT (Togo)

*Athripsodes trivittatus* (G Ulmer, 1905) : AT (Democratic Republic of the Congo)

*Leptocerus trivittatus* G Ulmer, 1905

*Athripsodes tsudai* I Akagi, 1960 ([larva described by M Tsuda & I Akagi, 1956, Mem Nagoya Women's Coll 3: 37, f 1] Japan)

Syn.: *Leptocerus seikunis* M Kobayashi, 1987  
*Athripsodes tuckeri* (KH Barnard, 1934) : AT (Republic of South Africa)  
*Leptocerus tuckeri* KH Barnard, 1934  
*Athripsodes varius* DE Kimmins, 1959 : AT (Uganda)  
*Athripsodes verai* MA Gonzalez & D Garcia de Jalon, 1987 (Spain)  
*Athripsodes ygramul* H Malicky & A Lounaci, 1987 (Algeria)  
Syn.: *Athripsodes taounate algiricus* L Botosaneanu, 1989  
*Athripsodes zairensis* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)  
*Athripsodes zairensis nongoa* FM Gibon, 1991 (  
~zairensis S Jacquemart & B Statzner, 1981, Bulletin Inst r Sci nat Belg (Ent) 53(21): 17, figs)

### ***Atopsyche* N Banks, 1905**

#### **subgenus *Atopsaura* HH Ross, 1953**

*Atopsyche (Atopsaura) acahuana* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) antisuya* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) apurimac* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) asancarú* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) atahuallpa* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) ayacucho* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) ayahuaca* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) batesi* N Banks, 1938 : NT (Additional specimens from the type locality reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 14 Holotype--Male; HAITI: Departement de l'Oueste, La Visite & vic, La Selle Range, 507000 ft [1525-2135 m], 16-23 Sep 1934, M Bates; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 14) Haiti)  
*Atopsyche (Atopsaura) brachycerca* OS Flint, 1968 : NT (Jamaica)  
*Atopsyche (Atopsaura) calahuaya* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) callosa* (L Navas, 1924) : NT (Costa Rica)  
*Ventrarma callosa* L Navas, 1924  
Syn.: *Atopsychealconura* HH Ross, 1953  
Syn.: *Atopsyche schmidi* DG Denning, 1965  
*Atopsyche (Atopsaura) chimuru* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) chinchacamac* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) clarkei* OS Flint, 1963 : NT (Colombia)  
*Atopsyche (Atopsaura) conventica* OS Flint, 1974 : NT (Female associated, specimens from additional localities (La Vega, Elias Pina) reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 14 Dominican Republic)  
*Atopsyche (Atopsaura) cubana* OS Flint, 1968 : NT (Cuba)  
*Atopsyche (Atopsaura) davisorum* OS Flint, 1974 : NT (Additional localities reported (Elias Pina, Dajabon, Peravia) reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 14 Dominican Republic)  
*Atopsyche (Atopsaura) hamata* HH Ross & EW King, 1952 : NT (Brazil)  
*Atopsyche (Atopsaura) hatunpuna* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) hinnulus* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, in the *Helicopsyche batesi* Group, from the Dominican Republic (Pedernales) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 21 km N Pedernales, 18°09.3'N, 71°45.6'W, 270 m, 18 March 1999, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)  
*Atopsyche (Atopsaura) huacachaca* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) huacapuncu* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) huachacuyac* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) huainacapac* F Schmid, 1989 : NT (Costa Rica)  
*Atopsyche (Atopsaura) huallaripa* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) huamachucu* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) huanapu* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsaura) huanucu* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsaura) huarcu* F Schmid, 1989 : NT (Brazil)

*Atopsyche (Atopsaura) iana* ME Mosely, 1949 : NT (Guiana)

Syn.: *Atopsyche spinosa* ME Mosely, 1931

*Atopsyche (Atopsaura) japoda* HH Ross & EW King, 1952 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 "Mexico")

*Atopsyche (Atopsaura) lilicae* L Botosaneanu, 1991 : NT (Male described originally)

Known only from the types according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 15 Haiti)

*Atopsyche (Atopsaura) lobosa* HH Ross & EW King, 1952 : NT (Bolivia)

*Atopsyche (Atopsaura) longipennis* (G Ulmer, 1905) : NT (Brazil)

*Psilochorema longipennis* G Ulmer, 1905

*Atopsyche (Atopsaura) macrocerca* OS Flint, 1968 : NT (Jamaica)

*Atopsyche (Atopsaura) majada* HH Ross, 1947 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Mexico (Michoacan))

*Atopsyche (Atopsaura) mayucapac* F Schmid, 1989 : NT (Venezuela)

*Atopsyche (Atopsaura) minimajada* RJ Blahnik & RM Gottschalk, 1997 : NT (Costa Rica)

*Atopsyche (Atopsaura) misionensis* OS Flint, 1983 : NT (Argentina)

*Atopsyche (Atopsaura) neolobosa* OS Flint, 1963 : NT (Ecuador)

*Atopsyche (Atopsaura) neotropicalis* F Schmid, 1989 : NT (Peru)

*Atopsyche (Atopsaura) orientalis* OS Flint & JL Sykora, 2004 : NT (Female described originally, near *Atopsyche davisorum*, from the Dominican Republic (El Seibo) Holotype--Female; DOMINICAN REPUBLIC: El Seibo Province, 15 km S Miches, ca 500 m, 31 May 1973, D & M Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Atopsyche (Atopsaura) peravia* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Atopsyche batesi* N Banks, from the Dominican Republic (Peravia, La Vega) Holotype--Male; DOMINICAN REPUBLIC: Peravia Province, 3 km SW La Nuez, upper Rio Las Cuevas, 18°39'N, 70°36'W, 1880 m, cloud forest on river, 5-6 October 1991, J Rawlins, R Davidson, C Young, and S Thompson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Atopsyche (Atopsaura) plancki* G Marlier, 1964 : NT (Brazil)

*Atopsyche (Atopsaura) puharcocha* F Schmid, 1989 : NT (Bolivia)

*Atopsyche (Atopsaura) rawlinsi* JL Sykora, 1991 : NT (Ecuador)

*Atopsyche (Atopsaura) sanctipauli* OS Flint, 1974 : NT (Brazil)

*Atopsyche (Atopsaura) segninii* RW Holzenthal & C Cressa, 2002 : NT (Venezuela)

*Atopsyche (Atopsaura) serica* HH Ross, 1953 : NT (Brazil)

*Atopsyche (Atopsaura) sinchicurac* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsaura) siolii* OS Flint, 1971 : NT (Brazil)

*Atopsyche (Atopsaura) spinosa* (L Navas, 1930) : NT (Argentina)

*Ventrarma spinosa* L Navas, 1930

Syn.: *Atopsyche falina* HH Ross & EW King, 1952

*Atopsyche (Atopsaura) taina* OS Flint, 1974 : NT (Male described originally)

Additional localities (La Vega, Dajabon, El Seibo, probably Santiago) reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 16 Dominican Republic)

*Atopsyche (Atopsaura) thomasi* OS Flint & JL Sykora, 2004 : NT (Male described originally, near *Atopsyche lilicae* L Botosaneanu, from Haiti (Departement de l'Ouest) Holotype--Male; HAITI: Departement de l'Oueste, saddle between Fe Noir and Enfer, 1700 m, 16 May 1984, MC Thomas; deposited in the Florida State Collection of Arthropods, Gainesville, Florida, United States of America Haiti)

*Atopsyche (Atopsaura) tincuracu* F Schmid, 1989 : NT (Bolivia)

*Atopsyche (Atopsaura) trifida* DG Denning, 1948 : NT (Puerto Rico)

*Atopsyche (Atopsaura) uruguayensis* EB Angrisano, 1997 : NT (Uruguay)

*Atopsyche (Atopsaura) usingeri* DG Denning & JL Sykora, 1968 : NT (Brazil)

*Atopsyche (Atopsaura) vinai* JL Sykora & L Botosaneanu, 1973 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Atopsyche (Atopsaura) yunguensis* PA Rueda Martin, 2006 : NT (Argentina)

*Atopsyche (Atopsaura) zernyi* OS Flint, 1974 : NT (Brazil)

**subgenus *Atopsyche* N Banks, 1905**

*Atopsyche (Atopsyche) alleni* RW Holzenthal & C Cressa, 2002 : NT (Venezuela)

*Atopsyche (Atopsyche) aplita* HH Ross & EW King, 1952 : NT (Mexico ("Rio Frio"))

*Atopsyche (Atopsyche) banksi* HH Ross, 1953 : NT (Colombia)

*Atopsyche (Atopsyche) bolivari* N Banks, 1924 : NT (Colombia)

*Atopsyche (Atopsyche) boneti* HH Ross & EW King, 1952 : NT (Mexico (Morelos))

*Atopsyche (Atopsyche) calopta* HH Ross & EW King, 1952 : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Morelos))

*Atopsyche (Atopsyche) caquetia* OS Flint, 1974 : NT (Venezuela)

*Atopsyche (Atopsyche) catherinae* PP Harper & P Turcotte, 1985 : NT (Ecuador)

*Atopsyche (Atopsyche) chimpucillo* F Schmid, 1989 : NT (Costa Rica)

*Atopsyche (Atopsyche) chirihuana* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) choronica* OS Flint, 1974 : NT (Venezuela)

*Atopsyche (Atopsyche) cira* (ME Mosely, 1949) : NT (Costa Rica)

*Atopsychodes cira* ME Mosely, 1949

*Atopsyche (Atopsyche) copayapu* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) cordoba* DG Denning, 1968 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Mexico (Veracruz))

*Atopsyche (Atopsyche) dampfi* HH Ross & EW King, 1952 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Mexico (Chiapas))

*Atopsyche (Atopsyche) erigia* HH Ross, 1947 : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Mexico (Tamaulipas))

*Atopsyche (Atopsyche) espala* HH Ross & EW King, 1952 : NT (Mexico (Chiapas))

*Atopsyche (Atopsyche) explanata* HH Ross, 1953 : NT (Peru)

*Atopsyche (Atopsyche) hidalgoi* OS Flint, 1967 : NT (Mexico (Estado de Mexico))

*Atopsyche (Atopsyche) hintoni* DG Denning, 1964 : NA (Mexico (Baja California))

*Atopsyche (Atopsyche) hispida* DG Denning, 1965 : NT (Mexico (Veracruz))

*Atopsyche (Atopsyche) huenga* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Guatemala)

*Atopsyche (Atopsyche) ikonnikovi* AV Martynov, 1912 : NT (Peru)

*Atopsyche (Atopsyche) implexa* (L Navas, 1924) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Costa Rica)

*Ventrarma implexa* L Navas, 1924

*Atopsyche (Atopsyche) incatupac* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) jaba* RJ Blahnik & RM Gottschalk, 1997 : NT (Costa Rica)

*Atopsyche (Atopsyche) janethae* PP Harper & P Turcotte, 1985 : NT (Ecuador)

*Atopsyche (Atopsyche) kamesa* HH Ross & EW King, 1952 : NT (Bolivia)

*Atopsyche (Atopsyche) kingi* HH Ross, 1953 : NT (Peru)

*Atopsyche (Atopsyche) maitacapac* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) mancocapac* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) maxi* PAR Martin, 2006 : NT (Male, larva, and pupa described originally, near *Atopsyche ikonnikovi* AV Martynov, also from Bolivia Holotype--Male; ARGENTINA: Tucuman Prov, Trancas, Gonzalo, 29-x-1999, Cohen col; deposited in the Collection of the Instituto Fundacion Miguel Lillo, Tucuman, Argentina Argentina)

*Atopsyche (Atopsyche) pachacamac* F Schmid, 1989 : NT (Costa Rica)

*Atopsyche (Atopsyche) pachacutec* F Schmid, 1989 : NT (Ecuador)

*Atopsyche (Atopsyche) pacharurac* F Schmid, 1989 : NT (Venezuela)

*Atopsyche (Atopsyche) parihuana* F Schmid, 1989 : NT (Venezuela)

*Atopsyche (Atopsyche) paucartampu* F Schmid, 1989 : NT (Costa Rica)

*Atopsyche (Atopsyche) pilcomayo* F Schmid, 1989 : NT (Mexico (Oaxaca))

*Atopsyche (Atopsyche) rinconi* RW Holzenthal & C Cressa, 2002 : NT (Venezuela)  
*Atopsyche (Atopsyche) socialis* OS Flint, 1967 : NA (Mexico (Durango))  
*Atopsyche (Atopsyche) sperryi* DG Denning, 1949 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 4, f 2a-b

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Atopsyche (Atopsyche) talamanca* OS Flint, 1974 : NT (Costa Rica)  
*Atopsyche (Atopsyche) tampurimac* F Schmid, 1989 : NT (Ecuador)  
*Atopsyche (Atopsyche) tapanti* RJ Blahnik & RM Gottschalk, 1997 : NT (Costa Rica)  
*Atopsyche (Atopsyche) tlaloc* F Schmid, 1989 : NT (Ecuador)  
*Atopsyche (Atopsyche) tripunctata* N Banks, 1905 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 4, f 3a-b

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Atopsyche (Atopsyche) ulmeri* HH Ross, 1953 : NT (Peru)  
*Atopsyche (Atopsyche) urumarca* F Schmid, 1989 : NT (Brazil)  
*Atopsyche (Atopsyche) vatucra* HH Ross, 1953 : NT (Peru)  
*Atopsyche (Atopsyche) viracocha* F Schmid, 1989 : NT (Venezuela)  
*Atopsyche (Atopsyche) weibezahni* OS Flint, 1974 : NT (Venezuela)

#### **subgenus *Dolochorema* N Banks, 1913**

*Atopsyche (Dolochorema) bicolorata* F Schmid, 1958 : NT (Bolivia)  
*Atopsyche (Dolochorema) bispinosa* F Schmid, 1989 : NT (Bolivia)  
*Atopsyche (Dolochorema) irregulare* N Banks, 1913 : NT (Peru)  
*Atopsyche (Dolochorema) major* F Schmid, 1989 : NT (Bolivia)

*Atopsyche cajas* PP Harper & P Turcotte, 1985 (Ecuador)  
*Atopsyche chirimachaya* PP Harper & P Turcotte, 1985 (Ecuador)  
*Atopsyche davidsoni* JL Sykora, 1991 (Ecuador)  
*Atopsyche flinti* JL Sykora, 1991 (Ecuador)  
*Atopsyche milenae* JL Sykora, 1991 (Ecuador)  
*Atopsyche onorei* JL Sykora, 2000 (Ecuador)  
Syn.: *Atopsyche schmidi* JL Sykora, 1991  
*Atopsyche unicolorata* F Schmid, 1989 (Bolivia)  
*Atopsyche youngi* JL Sykora, 1991 (Ecuador)  
*Atopsyche yupanqui* F Schmid, 1989 (Venezuela)

#### ***Atrachorema* AG McFarlane, 1964**

*Atrachorema macfarlanei* JB Ward, 1991 : AU (New Zealand)  
*Atrachorema mangu* AG McFarlane, 1964 : AU (New Zealand)  
*Atrachorema tuarua* AG McFarlane, 1966 : AU (New Zealand)

#### ***Atriplectides* ME Mosely, 1936**

*Atriplectides dubius* ME Mosely, 1936 : AU (Australia)  
*Atriplectides ikmaleus* A Neboiss, 1999 : AU (Australia (Queensland))

#### ***Australobiosis* F Schmid, 1958**

*Australobiosis araucanica* F Schmid, 1958 : NT (Chile)  
*Australobiosis bidens* F Schmid, 1989 : NT (Chile)

*Australobiosis gladiocincta* F Schmid, 1989 : NT (Argentina)

***Austratrichia* A Wells, 1982**

*Austratrichia nevoissi* A Wells, 1982 : AU (Australia)

***Austrheithrus* ME Mosely, 1953**

*Austrheithrus dubitans* ME Mosely, 1953 : AU (Australia)

*Austrheithrus glymma* A Neboiss, 1977 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78)

New locality reported in Australia (Tasmania) by J Olah & KA Johanson, 2010, Zootaxa 2457: 121 Holotype--Male; Australia: Tasmania, St Patricks River nr Targa, 22 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78) Australia (Tasmania))

*Austrheithrus ronewa* ME Mosely, 1953 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78 Holotype--Male; Australia: New South Wales, Mt Kosciuska, al 2700 ft, 22 Jan 1885; deposited in The Natural History Museum, London, United Kingdom Australia (New South Wales))

***Austrocentrus* F Schmid, 1964**

*Austrocentrus bifidus* OS Flint, 1997 : NT (Chile)

*Austrocentrus griseus* F Schmid, 1964 : NT (redescribed by OS Flint, 1997, P Internatn Symp Trich 8: 104 Chile)

*Austrocentrus valgiformis* OS Flint, 1997 : NT (Chile)

***Austrochorema* ME Mosely, 1953**

*Austrochorema alpinum* A Neboiss, 1962 : AU (Australia)

*Austrochorema concubium* A Neboiss, 1962 : AU (Australia)

*Austrochorema crassum* F Schmid, 1989 : AU (Australia)

*Austrochorema denticulatum* F Schmid, 1989 : AU (Australia)

*Austrochorema intorquatum* F Schmid, 1989 : AU (Australia)

*Austrochorema nama* A Neboiss, 1962 : AU (Australia)

*Austrochorema patulum* A Neboiss, 1962 : AU (Australia)

*Austrochorema pegidion* A Neboiss, 1962 : AU (Male and female illustrated, range extensions in Tasmania noted by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 45 Holotype--Male; Australia: Tasmania, Broad River nr Lake Dobson, Mt Field National Park, 6 Nov 1955; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 45) Australia)

*Austrochorema spinosum* A Neboiss, 1962 : AU (Australia)

*Austrochorema wenta* ME Mosely, 1953 : AU (Australia)

***Austrocosmoecus* F Schmid, 1955**

*Austrocosmoecus hirsutus* F Schmid, 1955 : NT (Chile)

***Austropsyche* N Banks, 1939**

*Austropsyche bifurcata* (DE Kimmins, 1953) : AU (Australia)

*Diplectrona bifurcata* DE Kimmins, 1953

*Austropsyche bispinosa* (S Jacquemart, 1965) : AU (Placement in genus *Austropsyche* confirmed, removed from Tasmanian fauna by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 70 Holotype--Male; Australia: Victoria, Sassafras (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 70) Australia (Victoria))

*Diplectrona bispinosa* S Jacquemart, 1965

*Austropsyche victoriana* N Banks, 1939 : AU (Australia)

### ***Austrotinodes* F Schmid, 1955**

*Austrotinodes abrachium* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes belchioris* RE Thomson & RW Holzenthal and *Austrotinodes taquaralis* RE Thomson & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Rio Parauna, 3 km S Santana do Riacho, 19°10.986'S, 43°43.485'W, 650 m, 16-ii-1998, Holzenthal and Paprocki (UMSP000031646); deposited in the Museu de Zoologia, Universidade de Sao Paula, Brazil Brazil)

*Austrotinodes adamsae* OS Flint, 1996 : NT (Tobago)

*Austrotinodes amazonensis* OS Flint and DG Denning, 1989 : NT (Brazil)

*Austrotinodes ancyclus* OS Flint and DG Denning, 1989 : NT (Ecuador)

*Austrotinodes angustior* F Schmid, 1955 : NT (Chile)

*Austrotinodes ariasi* OS Flint and DG Denning, 1989 : NT (Brazil)

*Austrotinodes armiger* OS Flint, 1983 : NT (Chile)

*Austrotinodes belchioris* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes abrachium* RE Thomson & RW Holzenthal and *Austrotinodes taquaralis* RE Thomson & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Parque Estadual do Itacolomi, Corrego Belchior, 20°25.041'S, 43°25.737'W, 24-i-1999, Amarante (UMSP000047058); deposited in the Museu de Zoologia, Universidade de Sao Paula, Brazil Brazil)

*Austrotinodes bibu* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes pandus* Group Holotype--Male; AUSTRALIA: New South Wales, Gloucester Tops (about 32°03'S, 151°25'E), el 1280 m, 4-30 Dec 1988, malaise, D Bickel; NMV, T-20372; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes bifurcatus* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes varus* Group near *Austrotinodes doota* DI Cartwright and *Austrotinodes varus* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Bellenden Ker Range, Cable tower 3 (about 17°16'S, 145°53'E), 1054 m, 25-31-Oct-1981, Earthwatch/QM; NMV, T-20358; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes boliviensis* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes panamensis* OS Flint, *Austrotinodes sedmani* OS Flint, and *Austrotinodes texensis* D Bowles Holotype--Male; BRAZIL: Dept La Paz, AMNI Madidi, Comun San Miguel de Bala, Arroyo Bacuatra Grande, 14°30.737'S, 67°31.385'W, 280 m, 17-19-vii-2003, Robertson, Blahnik, and Apaza (UMSP000113033); deposited in the Museo de Historia Natural Noel Kempff Mercado, Sant Cruz de la Sierra, Bolivia Brazil)

*Austrotinodes bracteatus* OS Flint and DG Denning, 1989 : NT (Brazil)

*Austrotinodes brevis* F Schmid, 1958 : NT (Chile)

*Austrotinodes camurus* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes pandus* Group near *Austrotinodes gorom* DI Cartwright and *Austrotinodes pandus* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Bellenden Ker Range, Cableway base stn (about 17°16'S, 145°53'E), 100 m, 17-24 Oct 1981, Earthwatch/QM; NMV, T-20373; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes canoabo* OS Flint and DG Denning, 1989 : NT (Venezuela)

*Austrotinodes cekalovici* OS Flint, 1970 : NT (Chile)

*Austrotinodes chihuahua* OS Flint and DG Denning, 1989 : NA (Mexico (Chihuahua))

*Austrotinodes contubernalis* OS Flint and DG Denning, 1989 : NT (Panama)

*Austrotinodes cressae* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes amazonensis* OS Flint & DG Denning and *Austrotinodes ariasi* OS Flint & DG Denning Holotype--Male; VENEZUELA: Sucre, Peninsula de Paria, Puerto Viejo, Rio el Pozo, 10°43.073'N, 62°28.569'W, 20 m, 3-iv-1995, Holzenthal, Flint, and Cressa (UMSP000041279); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Venezuela)

*Austrotinodes cubanus* K Kumanski, 1987 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Austrotinodes doota* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes varus* Group near *Austrotinodes varus* DI Cartwright, *Austrotinodes bifurcatus* DI Cartwright, and *Austrotinodes theischingeri* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Goddard Ck, Kirrama State Forest, 18°06'S, 145°41'E, Apr 1990, G Theischinger; NMV, T-20348; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes doublesi* F Munioz-Quesada and RW Holzenthal, 1993 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Costa Rica)

*Austrotinodes fortunata* OS Flint and DG Denning, 1989 : NT (Panama)  
*Austrotinodes freytagi* OS Flint and DG Denning, 1989 : NT (Honduras)  
*Austrotinodes fuscomarginatus* OS Flint and DG Denning, 1989 : NT (Venezuela)  
*Austrotinodes glaya* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes yalga* Group near *Austrotinodes yalga* DI Cartwright Holotype--Male; AUSTRALIA: New South Wales, Jervis Bay (about 35°04'S, 150°40'E), 3 May 1980, G Theischinger; NMV, T-20363; deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Austrotinodes gorom* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes pandus* Group near *Austrotinodes camurus* DI Cartwright and *Austrotinodes pandus* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Bellenden Ker Range, summit TV stn (about 17°16'S, 145°53'E), 1560 m, 1-7 Nov 1981, Earthwatch/QM; NMV, T-20374; deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Austrotinodes inbio* F Munioz-Quesada and RW Holzenthal, 1993 : NT (Costa Rica)  
*Austrotinodes irwini* OS Flint, 1973 : NT (Chile)  
*Austrotinodes labiatus* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, closely related to *Austrotinodes sedmani* Flint, from the Dominican Republic (Pedernales, Elias Pina, Hato Mayor) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 13 km N Pedernales, 18°09'N, 71°46'W, 230 m, 17 July 1992, Rawlins et al; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)  
*Austrotinodes lineatus* (L Navas, 1934) : NT ("South America")  
*Tinodes lineatus* L Navas, 1934  
*Austrotinodes longispinum* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes prolixus* OS Flint & DG Denning Holotype--Male; BRAZIL: Sao Paulo, Cachoeira do Paredao, Lajeado, Serra da Bocaina, 22°43.533'S, 44°37.274'W, 1550 m, 1-2-iii-2002, Holzenthal, Blahnik, Paprocki, and Prather (UMSP000088117); deposited in the Museu de Zoologia, Universidade de Sao Paula, Brazil Brazil)  
*Austrotinodes madininae* L Botosaneanu, 1990 : NT (Female described originally  
Male described by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 51, 53, f 19-21 Martinique)  
*Austrotinodes mexicanus* OS Flint, 1973 : NA (Mexico (San Luis Potosi))  
*Austrotinodes mubar* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes yalga* Group Holotype--Male; AUSTRALIA: New South Wales, Gloucester Tops (about 32°04'S, 151°25'E), el 1280 m, 4-30 Dec 1988, malaise, D Bickel; NMV, T-20361; deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Austrotinodes neblinensis* OS Flint and DG Denning, 1989 : NT (Venezuela)  
*Austrotinodes nielsenii* OS Flint and DG Denning, 1989 : NT (Argentina)  
*Austrotinodes panamensis* OS Flint, 1973 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Panama)  
*Austrotinodes pandus* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes pandus* Group near *Austrotinodes camurus* DI Cartwright and *Austrotinodes gorom* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Birthday Ck below falls, Mt Spec State Forest, 760 m, 18°57's, 146°10'e, lt tr, 6 Jul 1994, AL Sheldon; NMV, T-20379; deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Austrotinodes paraguayensis* OS Flint, 1983 : NT (Paraguay)  
*Austrotinodes picada* OS Flint, 1983 : NT (Chile)  
*Austrotinodes prolixus* OS Flint and DG Denning, 1989 : NT (Brazil)  
*Austrotinodes quadrispina* F Schmid, 1958 : NT (Chile)  
*Austrotinodes recta* F Schmid, 1964 : NT (Chile)  
*Austrotinodes recurvatus* OS Flint, 1983 : NT (Chile)  
*Austrotinodes sedmari* OS Flint, 1973 : NT (Guatemala)  
*Austrotinodes talcanus* (L Navas, 1934) : NT (Chile)  
*Tinodes talcanus* L Navas, 1934  
Syn.: *Austrotinodes latior* F Schmid, 1955  
*Austrotinodes taquaralis* RE Thomson & RW Holzenthal, 2010 : NT (Male described originally near *Austrotinodes abrachium* RE Thomson & RW Holzenthal and *Austrotinodes belchioris* RE Thomson & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro, Parque Nacional Itatiaia, Rio Taquaral, 22°27.252'S, 44°01.412'W, 925 m, 28-29-ix-2001, Holzenthal and Blahnik (UMSP000081755); deposited in the Museu de Zoologia, Universidade de Sao Paula, Brazil Brazil)  
*Austrotinodes texensis* DE Bowles, 1995 : NA (



Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Austrotinodes theischingeri* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes* varus Group near *Austrotinodes doota* DI Cartwright, *Austrotinodes bifurcatus* DI Cartwright, and *Austrotinodes varus* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Queensland, Cunningham's Gap (about 28°03'S, 152°24'E), 3 Dec 1982, G Theischinger; NMV, T-20359; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes triangularis* F Schmid, 1958 : NT (Chile)

*Austrotinodes tuxtlenensis* OS Flint and DG Denning, 1989 : NA, NT (Mexico (state ?))

*Austrotinodes uruguayensis* EB Angrisano, 1994 : NT (Uruguay)

*Austrotinodes varus* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes* varus Group near *Austrotinodes doota* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Echo Ck, Mt Spec State Forest, 700 m, 18°57'S, 146°10'E, It tr, 16 Jan 1994, AL Sheldon; NMV, T-20349; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Austrotinodes yalga* DI Cartwright, 2009 : AU (Male described originally in the *Austrotinodes* yalga Group near *Austrotinodes glaya* DI Cartwright Holotype--Male; AUSTRALIA: Victoria, Little R, 3 km SE Taggerty (about 37°20'S, 145°43'E), 6 Jan 1972, A Neboiss; NMV, T-20364; deposited in the Museum of Victoria, Melbourne, Australia Australia)

#### ***Axiocerina* HH Ross, 1957**

*Axiocerina bulbosa* (S Jacquemart, 1963) : AT (Mauritius)

*Leptocerus bulbosa* S Jacquemart, 1963

*Axiocerina reunionis* HH Ross, 1957 : AT (Reunion)

#### ***Badukiella* W Mey, 1979**

*Badukiella prohibita* W Mey, 1979 (Russia (West Caucasus))

Syn.: *Badukiella subnigra* J Olah, 1985

*Badukiella subnigra* J Olah, 1985 (Georgia)

#### ***Baicalina* AV Martynov, 1914**

*Baicalina bellicosa* AV Martynov, 1914 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

Syn.: *Radema angaricum* F Schmid, 1953

*Baicalina levanidovae* VD Ivanov & TV Menshutkina, 1996 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

*Baicalina reducta* AV Martynov, 1924 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33)

Reported skating on the surface of Lake Baikal, southcentral Russia, according to VD Ivanov & TV Menshutkina, 1996, Braueria 23: 13-28 and JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227 Russia (Lake Baikal))

*Baicalina tallingi* NA Rozhkova, 1996 (Russia (Lake Baikal))

*Baicalina thamastoides* AV Martynov, 1914 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

Syn.: *Radema curvipennis* W Mey, 1981

#### ***Baicalinella* AV Martynov, 1924**

*Baicalinella foliata* (AV Martynov, 1914) (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

*Baicalina foliata* AV Martynov, 1914

#### ***Baicaloides* AV Martynov, 1924**

*Baicaloides ovalis* (AV Martynov, 1914) (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

*Baicalina ovalis* AV Martynov, 1914

### **Baliomorpha A Neboiss, 1984**

*Baliomorpha banksi* (ME Mosely, 1953) : AU (Replacement for *Macronemum triste* N Banks Australia)

*Macronemum banksi* ME Mosely, 1953

Syn.: *Macronema torrenticola* K Korboot, 1964

Syn.: *Macronema tristis* N Banks, 1939

*Baliomorpha caudicea* A Neboiss, 1984 : AU (Papua New Guinea)

*Baliomorpha dubia* (G Ulmer, 1905) : AU (Australia)

*Macronema dubia* G Ulmer, 1905

*Baliomorpha echinata* A Neboiss, 1984 : AU (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Papua New Guinea)

*Baliomorpha loraii* L Navas, 1933 : AU ([a homonym of *Macronema loraii* L Navas, 1930, (now in *Macrostemum*) according FCJ Fischer, 1964, Trich Cat 5: Errata, from DE Kimmins, personal communication] Papua New Guinea)

*Baliomorpha pezidion* A Neboiss, 1984 : AU (Papua New Guinea)

*Baliomorpha pulchripennis* (RJ Tillyard, 1922) : AU (Australia)

*Macronema pulchripennis* RJ Tillyard, 1922

*Baliomorpha urbana* A Neboiss, 1984 : AU (Australia)

### **Banksiola AV Martynov, 1924**

*Banksiola calva* N Banks, 1943 : NA (United States of America)

*Banksiola concatenata* (F Walker, 1852) : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

United States of America)

*Neuronia concatenata* F Walker, 1852

Syn.: *Banksiola cornuta* N Banks, 1951

Syn.: *Neuronia irrorata* HA Hagen, 1861

*Banksiola crotchi* N Banks, 1944 : NA (Canada)

Syn.: *Banksiola selina* C Betten, 1944

*Banksiola dossuaria* (T Say, 1828) : NA (United States of America)

*Phryganea dossuaria* T Say, 1828

*Banksiola smithi* (N Banks, 1914) : NA (United States of America)

*Neuronia smithi* N Banks, 1914

### **Banyallarga L Navas, 1916**

#### **subgenus *Banyallarga* L Navas, 1916**

*Banyallarga (Banyallarga) argentina* OS Flint, 1983 : NT (Male and presumed female described, distribution in Argentina, Bolivia, and Peru provided by AL Prather, 2004, Zootaxa 435: 12-14, f 1-4 Holotype--male; Argentina: Salta, Canada La Gotera, Rt 59 km 23.5, 16-17-x-1973, Flint; deposited in the Museo de Historia Natural "Javier Prado," Lima, Peru (AL Prather, 2004, Zootaxa 435: 13) Argentina)

*Banyallarga (Banyallarga) colombiana* (L Navas, 1934) : NT (Male redescribed by AL Prather, 2004, Zootaxa 435: 14, f 5 Holotype--male; Colombia: Santander, Pamplona, 2300 m, 1920, Rochereau; deposited in le Museum National d'Histoire Naturelle, Paris (AL Prather, 2004, Zootaxa 435: 14) Colombia)

*Anisocentropus colombiana* L Navas, 1934

*Banyallarga (Banyallarga) loxana* (L Navas, 1934) : NT (Male and female described, distribution in Argentina, Bolivia, Ecuador, and Peru provided by AL Prather, 2004, Zootaxa 435: 15-16, f 6-7 Holotype--male; Ecuador: 1909, Poujade; deposited in le Museum National d'Histoire Naturelle, Paris (AL Prather, 2004, Zootaxa 435: 16) Ecuador)

*Phylloicus loxana* L Navas, 1934

*Banyallarga (Banyallarga) penai* AL Prather, 2004 : NT (Male and female described originally Holotype--male; Bolivia: La Paz, Unduavi/coroico, 2500 m, 19-25-xi-1984, Pena G (UMSP000010005); deposited in the US National Museum of Natural History, Smithsonian Institution,

Washington, District of Columbia, United States of America Argentina)

*Banyallarga (Banyallarga) vicaria* (F Walker, 1852) : NT (Male and female described, distribution in Bolivia, Colombia, and Venezuela provided by AL Prather, 2004, Zootaxa 435: 17-19, f 10-11 Holotype--male; Venezuela; deposited in The Natural History Museum, London, United Kingdom (AL Prather, 2004, Zootaxa 435: 18) Venezuela)

*Hydropsyche vicaria* F Walker, 1852

Syn.: *Banyallarga testacea* L Navas, 1916

*Banyallarga (Banyallarga) villosa* (L Navas, 1934) : NT (Male and female described, distribution in Ecuador provided by AL Prather, 2004, Zootaxa 435: 19-20, f 12-13 Holotype--male; Ecuador: Loja, 1909, Poujade; deposited in le Museum National d'Histoire Naturelle, Paris (AL Prather, 2004, Zootaxa 435: 20) Ecuador)

*Anisocentropus villosa* L Navas, 1934

*Banyallarga (Banyallarga) yungensis* OS Flint, 1983 : NT (Male and female described, distribution in Argentina, Bolivia, Peru, and Venezuela provided by AL Prather, 2004, Zootaxa 435: 20-22, f 14-15 Holotype--male; Argentina, 19-i-1966, Stange; deposited in the US National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (AL Prather, 2004, Zootaxa 435: 21) Argentina)

#### **subgenus *Histicoverpa* AL Prather, 2004**

*Banyallarga (Histicoverpa) acutiterga* (DG Denning & CL Hogue, 1983) : NT (Transferred from Murielia to Banyallarga by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 73

Male and female described, distribution in Costa Rica provided by AL Prather, 2004, Zootaxa 435: 23-24, f 16-18 Holotype--male; Costa Rica: San Jose province, Motel Prado, San Isidro del General, 10-vi-1967, Hogue; deposited in the Los Angeles County Museum of Natural History, Los Angeles, California, United States of America (AL Prather, 2004, Zootaxa 435: 24) Costa Rica)

*Murielia acutiterga* DG Denning & CL Hogue, 1983

*Banyallarga (Histicoverpa) echinata* AL Prather, 2004 : NT (Male and female described originally Holotype--male; Peru: Madre de Dios, Manu Biosphere Res, Pakitza Bio Sta, 01-13-19-99, 11°56'00"S 71°18'00"W, 350 m, 1-x-1987, Pogue (BIOLAT/TRIC00000105); deposited in the US National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Banyallarga (Histicoverpa) fortuna* (VH Resh, 1983) : NT (Transferred from Murielia to Banyallarga by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 73

Male and female described, distribution in Costa Rica and Panama provided by AL Prather, 2004, Zootaxa 435: 26-27, f 21-22 Holotype--male; Panama: Rio Chiriqui at Fortuna Dam Site nr Hornitos, 08°55'00"N 82°16'00"W, 1050 m, 17-23-viii-1977, Wolda; deposited in the Essig Museum of Entomology, University of California, Berkeley, California, United States of America (AL Prather, 2004, Zootaxa 435: 26-27) Panama)

*Murielia fortuna* VH Resh, 1983

*Banyallarga (Histicoverpa) mexicana* AL Prather, 2004 : NT (Male and female described originally Holotype--male; Mexico: Oaxaca, La Esperanza, 18-iv-1983, Garcia & Ibarra (UMSP000065234); deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca))

*Banyallarga (Histicoverpa) mollicula* (AV Martynov, 1871) : NT (Male and female described, distribution in Venezuela provided by AL Prather, 2004, Zootaxa 435: 28-29, f 25-26 Holotype--male; Venezuela: Goering; deposited in The Natural History Museum, London, United Kingdom (AL Prather, 2004, Zootaxa 435: 29) Venezuela)

*Ganonema mollicula* AV Martynov, 1871

*Banyallarga (Histicoverpa) nica* AL Prather, 2004 : NT (Male and female described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Holotype--male; Nicaragua: Jinotega, Penas Blancas, 13°17'00"N 85°33'00"W, 1300 m, 25-vii-1997, Maes & Hernandez (UMSP000063355); deposited in the University of Minnesota, St Paul, Minnesota, United States of America Nicaragua)

*Banyallarga (Histicoverpa) quincemil* AL Prather, 2004 : NT (Male and female described originally Holotype--male; Peru: Cuzco, Quincemil, viii-1962, Pena G (UMSP000065236); deposited in the University of Minnesota, St Paul, Minnesota, United States of America Peru)

*Banyallarga (Histricoverpa) sanchezi* AL Prather, 2004 : NT (Male described originally Holotype--male; Colombia: Huila, Quebrado, Juancho, 10 km W Iquira, 13-iii-1993, Sanchez (UMSP000002649); deposited in the US National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Colombia)

*Banyallarga (Histricoverpa) sylvana* AL Prather, 2004 : NT (Male and female described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Holotype--male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio Sna Lorencito & tribs, 10°12'58"N 84°36'25"W, 980 m, 1-4-v-1990, Holzenthal & Blahnik (UMSP000000068); deposited in the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

*Banyallarga (Histricoverpa) tapanti* AL Prather, 2004 : NT (Male and female described originally Holotype--male; Costa Rica: Cartago, Reserva Tapanti, Quebrada Segunda at administration building, 09°45'40"N 83°47'13"W, 1250 m, 23-viii-1990, Holzenthal & Huisman (UMSP000000071); deposited in the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

### ***Barbarochthon* KH Barnard, 1934**

*Barbarochthon brunneum* KH Barnard, 1934 : AT (Republic of South Africa)

### ***Barynema* N Banks, 1939**

*Barynema australicum* ME Mosely, 1953 : AU (Australia)

*Barynema costatum* N Banks, 1939 : AU (Australia)

### ***Barypenthus* H Burmeister, 1839**

*Barypenthus concolor* H Burmeister, 1839 : NT (Male and female redescribed by H Paprocki and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 224-230, f 1-16 Holotype--Male (destroyed); Brazil: Nova Friburgo; formerly deposited in the Zoologisches Institut der Martin-Luther-Universitaet, Halle an der Saale, Germany (H Paprocki and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 224) Brazil)

Syn.: *Barypenthus chysopus* L Navas, 1934

Syn.: *Barypenthus ferrugineus* L Navas, 1934

Syn.: *Barypenthus rufipes* H Burmeister, 1839

Syn.: *Musarna aperiens* F Walker, 1860

Syn.: *Musarna claudens* F Walker, 1860

Syn.: *Musarna interclusus* F Walker, 1860

### ***Beothukus* GB Wiggins, 1989**

*Beothukus complicatus* (N Banks, 1924) : NA (Canada)

*Ecclisomyia complicatus* N Banks, 1924

### ***Beraea* JF Stephens, 1833**

*Beraea algarvensis* H Malicky, 2011 (Male described originally near *Beraea terrai* H Malicky, *Beraea morettii* H Malicky, *Beraea iglesiensis* H Malicky, and *Beraea auresi* F Vaillant Holotype--Male; PORTUGAL: Algarve, Corte Peral, 100 m, 37°23'N, 008°18'W, 4-vi-2010, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Portugal)

*Beraea alihosi* F Sipahiler, 2008 (Turkey)

*Beraea alva* H Malicky, 1975 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2002, Nouvelle Revue d'Entomologie (NS) 19(10): 13, 15-16, 31, 33, 36, f 1-20, tab 1 Portugal)

*Beraea aureomarginata* ME Mosely, 1930 (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Beraea auresi* F Vaillant, 1953 (Algeria)

*Beraea botosaneanui* GP Moretti, 1981 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on

Trichoptera 12: 18-22 Italy (Sardinia))

*Beraea crichtoni* GP Moretti, 1981 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Beraea dira* R McLachlan, 1875 (Larva described by G Urbanic & J Warington, 2002, Aquatic Insects 24(3): 213-217)

Type locality in Turkestan (Uzbekistan ?) is unlikely, since the species does not occur in central Asia, but is found only in Slovenia and neighboring regions according to VD Ivanov (personal communication) and H Malicky, 2005, Linzer biol Beitr 37(1): 584 "Habitat in valle Sarafschanensi?" Turkestan (Uzbekistan ?)

*Beraea fontana* GB Wiggins, 1954 : NA (Canada)

*Beraea gorteba* HH Ross, 1944 : NA (United States of America)

*Beraea iglesiensis* H Malicky, 1981 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Beraea ilvae* GP Moretti, 1981 (Endemic to geographic Italy (Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Beraea malahiguerra* F Schmid, 1952 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2002, Nouvelle Revue d'Entomologie (NS) 19(10): 16, 19, 21, 31, 33, 36, f 22, 25-49, 65, tab 1 Spain)

*Beraea malatebrera* F Schmid, 1952 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2002, Nouvelle Revue d'Entomologie (NS) 19(10): 21, 23, 25, 27, 31, 33, 36, f 23, 50-63, 68-79, tab 1 Spain)

*Beraea maura* (J Curtis, 1834) (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 134)

Larval diagnosis by P Wiberg-Larsen, 1979, Entomol Scand 10(2): 12-18, f 4A, 4D, 6A, 7A, 7C

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Scotland (Orkney) by RH Andrew, 2000, Orkney Field Club Bulletin 2000: 47

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Reported from Spain as *Beraea maurus* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

*Thya maura* J Curtis, 1834

*Beraea morettii* H Malicky, 1981 (Endemic to geographic Italy (Sardina) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Beraea nigrutta* N Banks, 1897 : NA (United States of America)

*Beraea pallida* ME Mosely, 1930 (France (Corsica))

*Beraea pullata* (J Curtis, 1834) (As senior synonym, FCJ Fischer, 1970, Trich Cat 11: 171-181)

Larval diagnosis by P Wiberg-Larsen, 1979, Entomol Scand 10(2): 12-18, f 1A, 2B, 3A, 3D, 4B, 4E, 5A, 5C, 6B, 7B, 7D

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993,

Fauna norv Ser B 40: 49-57

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Thya pullata* J Curtis, 1834

Syn.: *Beraea albipes* JF Stephens, 1836

Syn.: *Beraea alticola* F Vaillant, 1967

Syn.: *Beraea marshamella* JF Stephens, 1836

Syn.: *Nais aterrima* F Brauer, 1857

Syn.: *Phryganea minuta* JW Zetterstedt, 1840

Syn.: *Phryganea pygmaea* JC Fabricius, 1798

Syn.: *Rhyacophila barbata* FJ Pictet, 1834

Syn.: *Rhyacophila melas* FJ Pictet, 1834

Syn.: *Rhyacophila nigrocincta* FJ Pictet, 1834

Syn.: *Rhyacophila penicillus* FJ Pictet, 1834

*Beraea rostrata* (AV Martynov, 1913) (Diagnostic characters discussed by F Sipahiler, 2008, Aquatic Insects 30(4): 303 ff, figs Georgia)

*Quarelia rostrata* AV Martynov, 1913

*Beraea terrai* H Malicky, 1975 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2002, Nouvelle Revue d'Entomologie (NS) 19(10): 27, 29, 31, 33, 36, f 80-102, tab 1 Portugal)

*Beraea tschundra* H Malicky, 1977 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Greece)

*Beraea walteri* H Malicky, 1975 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Cyprus)

*Beraea zawadil* H Malicky, 1977 (Greece)

### ***Beraeamyia* ME Mosely, 1930**

*Beraeamyia antalya* F Sipahiler, 1989 (Turkey)

*Beraeamyia aphyrte* H Malicky, 1972 (Greece)

*Beraeamyia devrekensis* F Sipahiler, 2005 (Male and female described originally, near *Beraeamyia kamberlera* H Malicky & F Sipahiler

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Holotype--Male; TURKEY: Bolu, Mengen, direction of Devrek, 20 km south of Devrek, Karasu II, 400 m (41°10'N, 31°54'E), 11-VII-2003, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Beraeamyia gudrunae* H Malicky, 2002 (Male described originally

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007,

Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Vignai (Imperia, Bach oestlich von Vignai, 740 m, 43°55'N, 7°47'E, 27-6-2001); deposited in the H Malicky Collection, Lunz am See, Austria Italy)

*Beraeamyia hrabei* K Mayer, 1937 (Slovakia)

*Beraeamyia kamberlera* H Malicky & F Sipahiler, 1993 (Turkey)

*Beraeamyia kutsaftikii* H Malicky, 1975 (Greece)

Syn.: *Beraeamyia christenseni* H Malicky, 1980

*Beraeamyia matsakii* H Malicky, 1980 (Greece)

*Beraeamyia mugla* F Sipahiler, 1989 (Turkey)

*Beraeamyia schmidi* L Botosaneanu, 1960 (Bosnia)

*Beraeamyia squamosa* ME Mosely, 1930 (France)

### ***Beraeodes* AE Eaton, 1867**

*Beraeodes minutus* (C Linnaeus, 1761) (Larva described by J Majecki, 1983("1982"), Acta Univ Lodziensis Folia Linnol 1: 55

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Larval head and pronotum illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 114

Larval diagnosis by P Wiberg-Larsen, 1979, Entomol Scand 10(2): 12-18, f 1B, 2A, 3B, 3E

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea minutus* C Linnaeus, 1761

Syn.: *Beraeamyia eideli* W Doehler, 1981

### ***Beraeodina* ME Mosely, 1931**

*Beraeodina palpalis* ME Mosely, 1931 (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

### ***Beraeoptera* ME Mosely, 1953**

*Beraeoptera roria* ME Mosely, 1953 : AU (New Zealand)

### ***Betrichia* ME Mosely, 1939**

*Betrichia argentinica* OS Flint, 1972 : NT (Argentina)

*Betrichia bispinosa* OS Flint, 1974 : NT (Surinam)

*Betrichia hamulifera* OS Flint, 1983 : NT (Argentina)

*Betrichia longistyla* OS Flint, 1983 : NT (Brazil)

*Betrichia occidentalis* OS Flint, 1974 : NT (Surinam)

*Betrichia uruguayensis* EB Angrisano, 1995 : NT (Uruguay)

*Betrichia zilbra* ME Mosely, 1939 : NT (Brazil)

### ***Blepharopus* F Kolenati, 1859**

*Blepharopus diaphanus* F Kolenati, 1859 : NT (Brazil)

Syn.: *Blepharopus diaphanus variety reticulatus* G Ulmer, 1905

### ***Blyzophilus* T Anderson & J Kjaerandsen, 1999**

### ***Brachycentrus* J Curtis, 1834**

Syn.: *Hydronautia albicans* F Kolenati, 1848

#### **subgenus *Brachycentrus* J Curtis, 1834**

*Brachycentrus (Brachycentrus) kuwayamai* GB Wiggins, K Tani, & K Tanida, 1985 (Male, female, and larva redescribed from Japan (Hokkaido, Honshu) by T Nozaki, 2005, Proceedings of the International Symposium on Trichoptera 11: 331-333, f 2a-e Japan)

*Brachycentrus (Brachycentrus) montanus* F Klapalek, 1892 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Czech Republic)

Syn.: *Brachycentrus carpathicus* J Dziedzielewicz, 1895

Syn.: *Silo sexguttata*, 1896

*Brachycentrus (Brachycentrus) nigrosoma* (N Banks, 1905) : NA (United States of America)

*Sphinctogaster nigrosoma* N Banks, 1905

Syn.: *Brachycentrus adelus* HH Ross, 1947

Syn.: *Brachycentrus notabulus* LJ Milne, 1936

*Brachycentrus (Brachycentrus) subnubilus* J Curtis, 1834 : PA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Life cycle and effects of sediment movement on larval growth described by PH Anderwald, 1996, Archiv Hydrobiol Suppl 113(1-4): 417-424

Recorded from Germany (Saxony-Anhalt) by M Hohmann, 1999, Lauterbornia 37: 33-40

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Barnaul, Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Brachycentrus caucasicus* AV Martynov, 1926

Syn.: *Brachycentrus concolor* JF Stephens, 1836

Syn.: *Brachycentrus costalis* JF Stephens, 1836

Syn.: *Brachycentrus maracandicus* R McLachlan, 1875

Syn.: *Hydronautia nubila* F Kolenati, 1859

Syn.: *Pogonostoma vernalis* P Rambur, 1842

*Brachycentrus (Brachycentrus) subnubilus albescens* R McLachlan, 1876 (Described originally as *Brachycentrus albescens*

A form of *Mystacides subnubilus* according to AV Martynov, 1924, Pract Ent 5: 163

~*subnubilus* J Curtis, 1834, Phil Mag 4: 215)

**subgenus *Oligoplectrodes* AV Martynov, 1909**

*Brachycentrus (Oligoplectrodes) americanus* (N Banks, 1899) : NA, PA (Dynamics of a microsporidian disease provided by SL Kohler, WK Hoiland, 2001, Ecology 82(8): 2294-2305

Terrestrial insect ingestion by filter feeding larva reported by A Ohkawa, & T Ito, 2001, Journal of Freshwater Ecology 16(2): 263-266

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Heavy metal accumulation in larvae described by WH Clements, DM Carlisle, M Daren, LA Courtney, & EA Harray, 2002, Environmental Toxicology and Chemistry 21(6): 1138-1146

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 53

Recorded from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 562

Male, female, and larva redescribed from Japan (Hokkaido), North America, Russia (Far East), and Mongolia by T Nozaki, 2005, Proceedings of the International Symposium on Trichoptera 11: 333-335, f 3a-e

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent



embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Siberia (Altai, Buryatia, Chita Region, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 United States of America)

*Oligoplectrum americanus* N Banks, 1899

Syn.: *Brachycentrus similis* N Banks, 1907

Syn.: *Oligoplectrodes potanini* AV Martynov, 1910

Syn.: *Oligoplectrodes potanini excisa* AV Martynov, 1928

*Brachycentrus (Oligoplectrodes) kozlovi* AV Martynov, 1909 : OL (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, *Linzer Biol Beitr* 35(2): 906-907, f 2

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 497 China (Tibet))

*Brachycentrus (Oligoplectrodes) punctatus* KH Forsslund, 1935 (China (Gansu))

*Brachycentrus (Oligoplectrodes) schnitnikovi* AV Martynov, 1924 (Russia (southern Siberia - Minoussinsk))

*Brachycentrus (Oligoplectrodes) tazingolensis* W Mey, 1980 (Mongolia)

#### **subgenus *Oligoplectrum* R McLachlan, 1868**

*Brachycentrus (Oligoplectrum) maculatus* (AF Fourcroy, 1785) (Diagnostic characters of larva, as *Oligoplectrum maculatum*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 264

Phenology in Austria discussed by H Malicky, 2003, *Silva Gabreta* 9: 167-178

Reported from Germany (Sachsen) by H Voigt, 2004, *Entomologische Nachrichten und Berichte* 48(1): 59

Role of ecology and history on distribution in western Spain discussed (as *Brachycentrus (O.) maculatum*) by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 France)

*Phryganea maculatus* AF Fourcroy, 1785

Syn.: *Dasytoma pulchellum* P Rambur, 1842

Syn.: *Lithax discretus* L Navas, 1921

Syn.: *Rhyacophila nebulosa* FJ Pictet, 1834

#### **subgenus *Sphinctogaster* L Provancher, 1877**

*Brachycentrus (Sphinctogaster) appalachia* OS Flint, 1984 : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 United States of America)

*Brachycentrus (Sphinctogaster) chelatus* HH Ross, 1947 : NA (United States of America)

*Brachycentrus (Sphinctogaster) etowahensis* JB Wallace, 1971 : NA (United States of America)

*Brachycentrus (Sphinctogaster) fuliginosus* F Walker, 1852 : NA (Presumed male described by OS Flint, 1984, *Smithsonian Contributions to Zoology* 398: 31-32, f 45-49 Holotype--Female; Canada)

*Brachycentrus (Sphinctogaster) incanus* HA Hagen, 1861 : NA (United States of America)

*Brachycentrus (Sphinctogaster) japonicus* (M Iwata, 1927) (Original description (larva, case) credited to M Iwata, 1927, *Zoological Magazine, Tokyo* 39: 259, male, female, and larva redescribed from Japan (Hokkaido, Honshu), Russia (Primorye), North Korea, and Mongolia by T Nozaki, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 329-331, f 1a-e

Reported from Selenge River Basin of Mongolia, as *Brachycentrus bilobatus*, by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Japan)

*Brachycentriella japonicus* M Iwata, 1927  
Syn.: *Brachycentrus bilobatus* AV Martynov, 1935  
*Brachycentrus (Sphinctogaster) lateralis* (T Say, 1823) : NA (United States of America)  
*Phryganea lateralis* T Say, 1823  
Syn.: *Sphinctogaster lutescens* L Provancher, 1877  
*Brachycentrus (Sphinctogaster) lunatus* RC Harrington & JC Morse, 2004 : NA (Holotype--Male; UNITED STATES OF AMERICA: South Carolina, Pickens County, Eastatoe Creek @ SR 100 (34.996733\*N, 82.827783\*W), 20 April 2001, Coll RC Harrington; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America United States of America)  
*Brachycentrus (Sphinctogaster) numerosus* (T Say, 1823) : NA (United States of America)  
*Phryganea numerosus* T Say, 1823  
*Brachycentrus (Sphinctogaster) occidentalis* N Banks, 1911 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337 Canada)  
*Brachycentrus (Sphinctogaster) solomoni* OS Flint, 1984 : NA (United States of America)  
*Brachycentrus (Sphinctogaster) spinae* HH Ross, 1948 : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 United States of America)  
*Brachycentrus (Sphinctogaster) ugamicus* V Grigorenko & VD Ivanov, 1990 (Uzbekistan)

**subgenus *Sychnothrix* OS Flint, 1984**

*Brachycentrus (Sychnothrix) echo* (HH Ross, 1947) : NA (Underwater silk production by larvae described by RJ Stewart & CS Wang, 2010, Biomacromolecules ??(??): ??-?? United States of America)  
*Oligoplectrum echo* HH Ross, 1947

***Brachypsyche* F Schmid, 1952**

*Brachypsyche rara* (AV Martynov, 1914) (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))

*Chilostigma rara* AV Martynov, 1914  
*Brachypsyche schmidi* HJ Choe, K Kumanski, & KS Woo, 1999 (Male described originally)

Reported from Russia (Primorye) and South Korea TI Arefina, 2005, Zootaxa 1088: 48-49, f 2-3 Holotype--Male; South Korea: Kwangwon-do, Inze-gun, Guidun-myeon, Karisan-ri, near Pilye mineral water spring, 15-IV-1998, JY Choi, JB Jeon; deposited in Seoul National University South Korea)  
*Brachypsyche sibirica* AV Martynov, 1924 : PA (Originally described as *Glyphopsyche irrorata sibirica*;

Distribution in Japan, ecological notes, and immature stages described by T Nozaki & M Itou, 1998, Entomol Sci 1(3): 423-426;

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 201-202

Adults on snow in winter in northern Sweden reported by B Gullefors, 2005, Entomologisk Tidskrift 126(1-2): 85-87 Russia (Siberia))

***Brachysetodes* F Schmid, 1955**

*Brachysetodes bifidus* F Schmid, 1955 : NT (Chile)  
*Brachysetodes bifurcatus* OS Flint, 1983 : NT (Chile)  
*Brachysetodes extensus* F Schmid, 1958 : NT (Chile)  
*Brachysetodes forcipatus* F Schmid, 1964 : NT (Chile)

*Brachysetodes major* F Schmid, 1958 : NT (Chile)  
*Brachysetodes nublensis* OS Flint, 1970 : NT (Chile)  
*Brachysetodes quadrifidus* F Schmid, 1955 : NT (Chile)  
*Brachysetodes spinosus* F Schmid, 1958 : NT (Chile)  
*Brachysetodes trifidus* F Schmid, 1955 : NT (Chile)  
*Brachysetodes tripartitus* F Schmid, 1964 : NT (Chile)

### ***Bredinia* OS Flint, 1968**

*Bredinia alza* SC Harris, RW Holzenthal, & OS Flint, Jr, 2002 : NT (Holotype--Male; Paraguay: Concepcion, Concepcion, 26 August 1989, at blacklight, J Kockalka; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Paraguay)  
*Bredinia appendiculata* OS Flint & JL Sykora, 1993 : NT (Male and female redescribed from Grenada, Peru, and Venezuela by SC Harris, RW Holzenthal, & OS Flint, 2002, Ann Carnegie Mus 71(1): 22, 24, 41, 44, f 8A-E, 9A-B Holotype--Male; Grenada: Parish St Andrews, Balthazar Estate, 1 June 1990, J Frank, A Thomas; Florida State Collection of Arthropods, Gainesville, Florida, United States of America Grenada)  
*Bredinia costaricensis* (OS Flint, 1967) : NT (Transferred to *Bredinia* from *Neotrichia* by OS Flint, RW Holzenthal, & SC Harris, 1999, Insecta Mundi 13(1-2): 76

Male and female redescribed by SC Harris, RW Holzenthal, & OS Flint, 2002, Ann Carnegie Mus 71(1): 24, 27, 41, 44, f 11A-E, 12A-B

Male head, thorax, tibiae, wings, and male genitalia re-illustrated from Costa Rica and Panama by SC Harris, OS Flint, & RW Holzenthal, 2002, J New York Entomol Soc 110(1) f 8-9 Costa Rica)

*Neotrichia costaricensis* OS Flint, 1967

*Bredinia davenporti* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (holotype--Male; peru: Loreto, Rio Sucusari at Explornapo Camp, 3 January 1997, L Davenport; National Museum of Natural History, Washington, District of Columbia, United States of America Peru)

*Bredinia dominicensis* OS Flint, 1968 : NT (Male and female redescribed from Costa Rica, Dominica, Ecuador, Panama, and Trinidad by SC Harris, RW Holzenthal, & OS Flint, 2002, Ann Carnegie Mus 71(1): 15, 17, 41, 44, f 2A-E, 3A-B

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 38  
Dominica)

*Bredinia emarginata* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--Male; Costa Rica: Alajuela, Rio Pizote , ca 5 km N Dos Rios, 10.948\*N, 85.291\*W, 9 March 1986, Holzenthal and Fasth; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Costa Rica)

*Bredinia espinosa* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Also cited from Venezuela and Brazil by SC Harris, RW Holzenthal, & OS Flint, 2002, Ann Carnegie Mus 71(1): 20, 22, 41, 44, f 6A-E, 7A-B Holotype--Male; Ecuador: Los Rios, Quevedo (56 km N), Rio Palenque Biological Station, blacklight at riverbed, el 250 m, 28-29 July 1976, J Cohen; National Museum of Natural History, Washington, District of Columbia, United States of America Ecuador)

*Bredinia guanacasteca* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--Male; Costa Rica: Guanacaste, Rio Tempisquito, ca 3 km S route 1, 10.790\*N,85.552\*W, el 75 m, 6 March 1986, Holzenthal and Fasth; deposited in the National Museum of Natural History, Washington, District of Columbia, United States of America Costa Rica)

*Bredinia manabiensis* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype-Male; Ecuador: Manabi, 29 km W Santo Domingo, Rancho Ronald. 20 July 1978, J Anderson; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Ecuador)

*Bredinia mexicana* SC Harris, RW Holzenthal, & OS Flint, 2002 : NA (Holotype--Male; Mexico: Tamaulipas, Rio Frio at la Poza Azul near Gomez Farias, 18 May 1989, S Harris, A Contreras; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Mexico (Tamaulipas))

*Bredinia pilcopata* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--male; Peru: Cuzco, Pilcopata, 8-10 December 1979, el 600 m, J Heppner; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Peru)

*Bredinia selva* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--Male; Costa Rica:

heredia, Estacion Biologica La Selva, 28 April 1989, Agriculture Canada; National Museum of Natural History, Washington, District of Columbia, United States of America Costa Rica)

*Bredinia spangleri* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--male; Ecuador: Pastaza, Puzo, (16 km W) at blacklight, 3 February 1976, P Spangler et al.; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Ecuador)

*Bredinia sucrensis* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--Male; Venezuela: Sucre, parque nacional peninsula de Paria, Uquire, Rio La Viuda, 1 April 1995, 10°42.830'N, 61°57.661'W, el 15 m, Holzenthal, Flint, Cressa; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Venezuela)

*Bredinia venezuelensis* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Cited also from Peru and Ecuador by SC Harris, RW Holzenthal, & OS Flint, 2002, Ann Carnegie Mus 71(1): 29, 32, 41, 44, f 15A-E, 16A-B Holotype--Male; Venezuela: Zulia, Perija El Tucuco, Mission El Tucuco, Rio El Tucuco, 11 km from church, 1-5 october 1979, H Savage; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Venezuela)

*Bredinia zulia* SC Harris, RW Holzenthal, & OS Flint, 2002 : NT (Holotype--Male; Venezuela: Zulia, El Tucuco, Sierra de Perija, 28-29 January 1978, at blacklight, J Heppner; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America Venezuela)

### ***Byrsopteryx* OS Flint, 1981**

*Byrsopteryx abrelata* SC Harris & RW Holzenthal, 1994 : NT (Larva, pupa, cases described from additional localities in Brazil by APM Santos & JL Nessimian, 2010, Zootaxa 2668: 52, f 22-24 Brazil)

*Byrsopteryx bipartiterga* L Botosaneanu, 2000 : NT (Female described originally and "the male genitalia are practically identical with those of *B septempunctata*" Holotype--Female Metamorphotype; Guadeloupe: Parc National de la Guadeloupe, La Deuxieme Chute du Carbet, 580 m, 23-25 May 2000, L Botosaneanu; in alcohol or in glycerine; deposited in the Zoologisch Museum (University of Amsterdam), Amsterdam, The Netherlands Guadeloupe)

*Byrsopteryx carioca* APM Santos & JL Nessimian, 2010 : NT (Male, female, larva, pupa, and cases described near *Byrsopteryx abrelata* SC Harris & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro State, Rio de Janeiro, Floresta da Tijuca, Parque Nacional da Tijuca, Rio Humaita, 22°57'30.1"S, 43°17'21.4"W, 475 m, 24-x-2009, APM Santos leg; deposited in the Colacao Entomologica Professor Jose Alfredo Pinheiro Dutra, Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil Brazil)

*Byrsopteryx chaconi* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx cuchilla* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx esparta* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx espinhosa* SC Harris & RW Holzenthal, 1994 : NT (Female, larva, pupa, cases described from additional localities in Brazil by APM Santos & JL Nessimian, 2010, Zootaxa 2668: 52-54, f 25-29 Brazil)

*Byrsopteryx gomezi* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx loja* SC Harris & RW Holzenthal, 1994 : NT (Ecuador)

*Byrsopteryx mirifica* OS Flint, 1981 : NT (Venezuela)

*Byrsopteryx rayada* SC Harris & RW Holzenthal, 1994 : NT (Ecuador)

*Byrsopteryx septempunctata* (OS Flint, 1968) : NT (Female described, reported from Guadeloupe by L Botosaneanu, 2000, Ann Limnol 36(4): 252, f 8-9 Dominica)

*Alisotrichia septempunctata* OS Flint, 1968

*Byrsopteryx solisi* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx tabasquensis* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Tabasco))

*Byrsopteryx tapanti* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

*Byrsopteryx tica* SC Harris & RW Holzenthal, 1994 : NT (Costa Rica)

### ***Caenota* ME Mosely, 1953**

*Caenota galeata* A Neboiss, 1984 : AU (Australia)

*Caenota monteithi* A Neboiss, 1984 : AU (Australia)

*Caenota nemorosa* A Neboiss, 1984 : AU (Australia)

*Caenota plicata* ME Mosely, 1953 : AU (Australia)

*Caenota simulans* ME Mosely, 1953 : AU (Australia)

***Cailloma* HH Ross & EW King, 1952**

- Cailloma lucidula* (G Ulmer, 1909) : NT (Argentina)  
*Atopsyche lucidula* G Ulmer, 1909  
Syn.: *Cailloma angustipennis* F Schmid, 1955  
Syn.: *Cailloma brunosa* HH Ross & EW King, 1952  
*Cailloma pumida* HH Ross, 1956 : NT (Chile)  
Syn.: *Cailloma erinaceus* F Schmid, 1957  
*Cailloma rotunda* OS Flint, 1967 : NT (Chile)

***Calamoceras* F Brauer, 1865**

*Calamoceras illiesi* H Malicky and K Kumanski, 1974 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40)

Distribution in Bulgaria, Greece, and Turkey reported by G Coppa & H Tachet, 2010, *Denisia* 29: 105-113 Greece)

*Calamoceras marsupus* F Brauer, 1865 (Pupa described by H Tachet & MA Gonzalez, 2005, *Ann Limnol* 41(4): 259-265)

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Distribution in France, Morocco, Portugal, and Spain reported by G Coppa & H Tachet, 2010, *Denisia* 29: 105-113 Britain (Gibraltar)

Syn.: *Calamoceras volxemi* R McLachlan, 1877

***Caledonotrichia* JL Sykora, 1967**

- Caledonotrichia charadra* RW Kelley, 1989 : AU (New Caledonia)  
*Caledonotrichia extensa* RW Kelley, 1989 : AU (New Caledonia)  
*Caledonotrichia illiesi* JL Sykora, 1967 : AU (New Caledonia)  
*Caledonotrichia minor* JL Sykora, 1967 : AU (New Caledonia)

***Caloca* ME Mosely, 1953**

- Caloca ascita* A Neboiss, 1977 : AU (Australia)  
*Caloca eba* ME Mosely, 1953 : AU (Australia)  
*Caloca fallia* ME Mosely, 1953 : AU (Australia)  
*Caloca saneva* (ME Mosely, 1953) : AU (Australia)  
*Tismana saneva* ME Mosely, 1953  
*Caloca straminea* ME Mosely, 1953 : AU (Australia)  
*Caloca tertia* ME Mosely, 1953 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 76 Holotype--Male; Australia: Tasmania, Mt Wellington, Dec 1937; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 76) Australia (Tasmania))

***Calocoides* A Neboiss, 1984**

*Calocoides aquilonia* A Neboiss, 1984 : AU (Australia)

***Calosopsyche* HH Ross & JD Unzicker, 1977**

- Calosopsyche ardisia* OS Flint et J Bueno-Soria, 1987 : NT (In the *Calosopsyche continentalis* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 53 Costa Rica)  
*Calosopsyche batesi* (OS Flint, 1962) : NT (Female described originally)

Known only from the female holotype according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 18

Incertae sedis in Calosopsyche according to J Olah & KA Johanson, 2008, Zootaxa 1802: 55 Holotype--Female; HAITI: La Selle Range Haiti)

*Hydropsyche batesi* OS Flint, 1962

*Calosopsyche bicuspis* OS Flint et J Bueno-Soria, 1987 : NT (In the Calosopsyche continentalis Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 53 Costa Rica)

*Calosopsyche bohio* (L Botosaneanu, 1991) : NT (Transferred from Hydropsyche to Calosopsyche by OS Flint, RW Holzenthal, et SC Harris, 2000("1999"), Insecta Mundi 13(1-2): 75

Known only from the holotype according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 18

Incertae sedis in Calosopsyche and possibly synonym of Calosopsyche praecipua (OS Flint & JL Sykora) according to J Olah & KA Johanson, 2008, Zootaxa 1802: 55 Holotype--Female; HAITI: Departement de l'Ouest, Saut d'Eau Haiti)

*Hydropsyche bohio* L Botosaneanu, 1991

*Calosopsyche calosa* (N Banks, 1938) : NT (Transferred from Hydropsyche to Calosopsyche by HH Ross & JD Unzicker, 1977, Journal of the Georgia Entomological Society 12(4): 300

Type species for the Calosopsyche calosa Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 51 Cuba)

*Hydropsyche calosa* N Banks, 1938

*Calosopsyche carinifera* (OS Flint, 1962) : NT (Known from additional localities in the Dominican Republic (La Vega, Monsenor Nouel, Peravia, San Juan) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 18-19

In the Calosopsyche calosa Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 51 Holotype--Female; DOMINICAN REPUBLIC: "foothills of the Cordillera Central, south of Santiago" [probably Province of Santiago according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 18]

Dominican Republic)

*Hydropsyche carinifera* OS Flint, 1962

*Calosopsyche continentalis* OS Flint & J Bueno-Soria, 1987 : NT (Type species of the Calosopsyche continentalis Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 53 Panama)

*Calosopsyche cubana* (OS Flint, 1962) : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173

In the Calosopsyche calosa Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 52 Cuba)

*Hydropsyche cubana* OS Flint, 1962

*Calosopsyche darlingtoni* (OS Flint, 1962) : NT (Transferred from Hydropsyche to Calosopsyche by HH Ross & JD Unzicker, 1977, Journal of the Georgia Entomological Society 12(4): 309

Incertae sedis in Calosopsyche according to J Olah & KA Johanson, 2008, Zootaxa 1802: 55 Cuba)

*Hydropsyche darlingtoni* OS Flint, 1962

*Calosopsyche dearmasi* (L Botosaneanu, 1980) : NT (Transferred from Hydropsyche to Calosopsyche by W Wichard, 1986, Studies on Neotropical Fauna and Environment 21(3): 194

In the Calosopsyche calosa Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 52 Cuba)

*Hydropsyche dearmasi* L Botosaneanu, 1980

*Calosopsyche domingensis* (N Banks, 1941) : NT (Male described originally

Transferred from Hydropsyche to Plectropsyche by HH Ross & JD Unzicker, 1977, J Georgia Entomol Soc 12: 308

Transferred back from Plectropsyche to Hydropsyche by L Botosaneanu, 1996, Bull Inst r Sci natr Belgique, Entomol 66: 17, f 37-41

Transferred from Plectropsyche and Hydropsyche to Calosopsyche by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 75-76

Provisionally in Calosopsyche, widely distributed in Dominican Republic (Azua, Dajabon, Elias Pina, La Vega, Monsenor Nouel, Monte Cristi, Puerto Plata, Santiago) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 18

In the Calosopsyche calosa Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 52 Dominican Republic)

*Hydropsyche domingensis* N Banks, 1941

*Calosopsyche elachista* OS Flint et J Bueno-Soria, 1987 : NT (In the Calosopsyche continentalis Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 53 Panama)

*Calosopsyche sandrae* (OS Flint, 1967) : NT (In the Calosopsyche continentalis Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 53 Costa Rica)

*Plectropsyche sandrae* OS Flint, 1967

### ***Campsiophora* OS Flint, 1964**

*Campsiophora arawak* OS Flint, 1968 : NT (Jamaica)

*Campsiophora mulata* L Botosaneanu, 1977 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Campsiophora pedophila* OS Flint, 1964 : NT (Male, female, larva, pupa, and case described originally

Reported from the Dominican Republic by L Botosaneanu, 1995, Bull Inst Royal Sciences Naturelles de Belgique, Entomologie 65: 6, and by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 5 Puerto Rico)

### ***Canoptila* ME Mosely, 1939**

*Canoptila bifida* ME Mosely, 1939 : NT (Male redescribed by DR Robertson & RW Holzenthal, 2006, Zootaxa 1272: 51, figs Brazil)

*Canoptila williami* DR Robertson & RW Holzenthal, 2006 : NT (Brazil)

### ***Cariboptila* OS Flint, 1964**

*Cariboptila aurulenta* OS Flint, 1974 : NT (Male described originally

Additional localities in the Dominican Republic reported by L Botosaneanu, 1996, Bull Inst Royal Sci Naturelles Belgique, Entomol 66: 8, and by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 5 Dominican Republic)

*Cariboptila caab* L Botosaneanu, 1996 : NT (Male and female described originally

Additional localities in the Dominican Republic reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 5-6 Dominican Republic)

*Cariboptila calcigena* OS Flint, 1974 : NT (Male described originally

Additional locality in the Dominican Republic reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 6 Dominican Republic)

*Cariboptila guajira* L Botosaneanu, 1977 : NT (Cuba)

*Cariboptila hispaniolica* OS Flint, 1974 : NT (Male described originally

Additional localities in the Dominican Republic reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 6 Dominican Republic)

*Cariboptila jamaicensis* OS Flint, 1968 : NT (Jamaica)

*Cariboptila mathisi* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, related to *Cariboptila hispaniolica* Flint and *Cariboptila caab* Botosaneanu, from the Dominican Republic (Monsenor Nouel) Holotype--Male; DOMINICAN REPUBLIC: Monsenor Nouel Province, 8.7 km, W Bonao [jct Carretera Duarte and rt 12], 19°01.8'N, 70°29.4'W, 890 m, 10 May 1995, WN Mathis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Cariboptila orophila* OS Flint, 1964 : NT (Puerto Rico)

*Cariboptila paradoxa* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, from the Dominican Republic (Independencia, Barahona) Holotype--Male; DOMINICAN REPUBLIC: Independencia Province, La Descubierta, 18°34.1'N, 71°43.8'W, 0 m, 25 March 1999, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Cariboptila poquita* L Botosaneanu, 1977 : NT (Cuba)

*Cariboptila soltera* L Botosaneanu, 1977 : NT (Cuba)

*Cariboptila trispinata* OS Flint, 1992 : NT (Puerto Rico)

#### ***Catagapetus* R McLachlan, 1884**

*Catagapetus maclachlani* H Malicky, 1975 (Portugal)

*Catagapetus nigrans* R McLachlan, 1884 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36)

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76 Italy)

#### ***Catoxyethira* G Ulmer, 1912**

*Catoxyethira abongae* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira apicospinosa* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira badyi* FM Gibon, 1991 : AT (Guinea)

*Catoxyethira bilongae* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira bombolensis* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira botosaneanui* W Guenda, 1997 : AT (Burkina Faso)

*Catoxyethira catichae* FM Gibon & F Ranaivoharindriaka, 1995 : AT (Madagascar)

*Catoxyethira cavallyi* FM Gibon, 1985 : AT (Ivory Coast)

*Catoxyethira ciliata* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira crenulata* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira crinita* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira darrieti* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira decampi* FM Gibon & F Ranaivoharindriaka, 1995 : AT (Madagascar)

*Catoxyethira disymetrica* FM Gibon, 1991 : AT (Guinea)

*Catoxyethira disymetrica yaoundeensis* FM Gibon, 1993 (

~*disymetrica* FM Gibon, 1991, Rev Fr Entomol (Nouv Ser) 13(3): 127, figs)

*Catoxyethira djenebae* W Guenda, 1997 : AT (Burkina Faso)

*Catoxyethira elongata* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira elouardi* FM Gibon, 1987 : AT (Guinea)

*Catoxyethira fasciata* G Ulmer, 1912 : AT (Democratic Republic of the Congo)

*Catoxyethira fonensis* W Guenda, 1997 : AT (Burkina Faso)

*Catoxyethira fonkouae* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira formosae* (M Iwata, 1928) : OL (Taiwan)

*Hydroptila formosae* M Iwata, 1928

*Catoxyethira foumbani* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira giboni* A Wells & T Andersen, 1996 : AT (Tanzania)

*Catoxyethira gimouae* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira giudicellii* W Guenda, 1997 : AT (Burkina Faso)

*Catoxyethira graboensis* FM Gibon, 1985 : AT (Ivory Coast)

*Catoxyethira hougardi* FM Gibon, 1985 : AT (Ivory Coast)

*Catoxyethira iloui* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira improcera* B Statzner, 1977 : AT (Democratic Republic of the Congo)

*Catoxyethira incompta* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira kourinioni* W Guenda, 1997 : AT (Burkina Faso)

*Catoxyethira lanceolata* A Wells & T Andersen, 1995 : AT (Tanzania)

*Catoxyethira laurenceae* FM Gibon, 1993 : AT (Cameroon)

*Catoxyethira lelouma* FM Gibon, 1991 : AT (Guinea)



*Catoxyethira leynarti* FM Gibon, 1987 : AT (Guinea)  
*Catoxyethira lohoueae* FM Gibon, 1993 : AT (Cameroon)  
*Catoxyethira mali* (G Marlier, 1978) : AT (Mali)  
*Sperotrichia mali* G Marlier, 1978  
*Catoxyethira mouensis* FM Gibon, 1993 : AT (Cameroon)  
*Catoxyethira namoronae* FM Gibon & F Ranaivoharindriaka, 1995 : AT (Madagascar)  
*Catoxyethira nzoï* FM Gibon, 1985 : AT (Ivory Coast)  
*Catoxyethira ocellata* B Statzner, 1977 : AT (Democratic Republic of the Congo)  
*Catoxyethira ombeensis* FM Gibon, 1993 : AT (Cameroon)  
*Catoxyethira pinheyi* DE Kimmins, 1958 : AT (Zambia-Zimbabwe)  
*Catoxyethira pougoueae* FM Gibon, 1993 : AT (Cameroon)  
*Catoxyethira prima* W Mey, 2003 : OL (Male described originally Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, W Mey, V Samarita, & W Speidel; genitalia on slide Mey 23/02; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines (Luzon))  
*Catoxyethira razanamiadanae* FM Gibon & F Ranaivoharindriaka, 1995 : AT (Madagascar)  
*Catoxyethira robisoni* FM Gibon & F Ranaivoharindriaka, 1995 : AT (Madagascar)  
*Catoxyethira ruvuensis* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Catoxyethira spinifera* FM Gibon, 1985 : AT (Ivory Coast)  
*Catoxyethira stolzei* A Wells & T Andersen, 1996 : AT (Tanzania)  
*Catoxyethira taiensis* FM Gibon, 1985 : AT (Ivory Coast)  
*Catoxyethira tonyeae* FM Gibon, 1993 : AT (Cameroon)  
*Catoxyethira vanandeli* W Guenda, 1997 : AT (Burkina Faso)  
*Catoxyethira vedonga* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Catoxyethira veruta* JC Morse, 1974 : AT (Zimbabwe)  
*Catoxyethira veruta septentrionalis* FM Gibon, 1985 ( ~veruta JC Morse, 1974, J Kansas ent Soc 47: 335-336, f 7A, 7F)  
*Catoxyethira wouafondayoae* FM Gibon, 1993 : AT (Cameroon)

#### ***Celaenotrichia* ME Mosely, 1934**

*Celaenotrichia edwardsi* ME Mosely, 1934 : NT (Chile)

#### ***Centromacronema* G Ulmer, 1905**

*Centromacronema apicale* (F Walker, 1852) : NT (Venezuela)  
*Macronema ? apicale* F Walker, 1852  
*Centromacronema auripenne* (P Rambur, 1842) : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Brazil)  
*Macronema auripenne* P Rambur, 1842  
 Syn.: *Centromacronema extensum* N Banks, 1913  
 Syn.: *Leptocerus abjurans* F Walker, 1860  
 Syn.: *Leptocerus niveistigma* F Walker, 1860  
 Syn.: *Leptocerus quadrifurca* F Walker, 1860  
 Syn.: *Leptonema faciale* L Navas, 1924  
 Syn.: *Leptonema ferrugineum* L Navas, 1924  
 Syn.: *Macronema cupreum* F Walker, 1852  
 Syn.: *Macronema obscurum* G Ulmer, 1905  
*Centromacronema dentatum* L Navas, 1924 : NT (Colombia)  
*Centromacronema excisum* (G Ulmer, 1905) : NT (Ecuador)  
*Macronema excisum* G Ulmer, 1905  
*Centromacronema nigrifrons* N Banks, 1913 : NT (Colombia)  
*Centromacronema nigripenne* OS Flint, 1981 : NT (Venezuela)  
*Centromacronema oaxacense* J Bueno-Soria, 2000 : NT (Mexico (Oaxaca))  
 Syn.: *Centromacronema ferrugineum* J Bueno-Soria, 1986  
*Centromacronema obscurum* G Ulmer, 1905 : NT (Transferred to *Centromacronema* and considered a

synonym of *Centromacronema auripenne* (P Rambur) by G Ulmer, 1908, Cat Coll Zool Selys 6, 2: 114  
Resurrected to valid species "with reservations" by OS Flint, 1996, MANU, The Biodiversity of  
Southeastern Peru, p 411 Brazil)

*Centromacronema oculatum* (F Walker, 1852) : NT (Venezuela)

*Macronema oculatum* F Walker, 1852

*Centromacronema pygmaeum* L Botosaneanu, 1993 : NT (Trinidad & Tobago)

### ***Cephalopsyche* TI Arefina-Armitage & BJ Armitage, 2010**

### ***Ceraclea* JF Stephens, 1829**

#### **subgenus *Athripsodina* DE Kimmins, 1963**

*Ceraclea (Athripsodina) acutipennis* L Yang & L Tian, 1989 : OL (China (Anhui))

*Ceraclea (Athripsodina) affinis* TI Arefina & JC Morse, 2001 (Holotype--Male; RUSSIA:

Khabarovsk, Birushka River Russia (Khabarovsk Territory))

*Ceraclea (Athripsodina) alagma* (HH Ross, 1938) : NA (Female described by DW Carnegie & JC  
Morse, 2006, Contrib Amer Entomol Inst 34(2): 34-35, f 33 United States of America)

*Athripsodes alagma* HH Ross, 1938

*Ceraclea (Athripsodina) ampliata* L Yang & JC Morse, 2000 : OL (China (Anhui))

*Ceraclea (Athripsodina) ancylus* (CT Vorhies, 1909) : NA (Female described by DW Carnegie & JC  
Morse, 2006, Contrib Amer Entomol Inst 34(2): 41-42, f 39 United States of America)

*Leptocerus ancylus* CT Vorhies, 1909

*Ceraclea (Athripsodina) annulicornis* (JF Stephens, 1836) : NA, PA (Sexual dimorphism, swarming  
behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-  
577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard,  
1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993,  
Fauna norv Ser B 40: 49-57

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp  
Trichoptera 11: 19

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc  
Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn  
Symp Trichoptera 12: 54

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift  
128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Leptocerus annulicornis* JF Stephens, 1836

Syn.: *Leptocerus futilis* N Banks, 1914

Syn.: *Leptocerus lugens* HA Hagen, 1861

Syn.: *Leptocerus recurvatus* N Banks, 1908

Syn.: *Mystacides perfusus* F Kolenati, 1858

*Ceraclea (Athripsodina) annulicornis parvulus* AV Martynov, 1910 (

~*annulicornis* (JF Stephens, 1836, Ill Brit Ent 6: 199), *Leptocerus*)

*Ceraclea (Athripsodina) arielles* (DG Denning, 1942) : NA (Female described by DW Carnegie & JC  
Morse, 2006, Contrib Amer Entomol Inst 34(2): 33-34, f 32 United States of America)

*Athripsodes arielles* DG Denning, 1942

Syn.: *Athripsodes pfadti* DG Denning, 1948

*Ceraclea (Athripsodina) armata* K Kumanski, 1991 (Reported from South Korea by SJ Park, YJ Bae,

& L Yang, 1999, *Insecta Koreana* 16(2): 155-162 Korean People's Democratic Republic)  
*Ceraclea (Athripsodina) aurea* (FJ Pictet, 1834) (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Switzerland)

*Mystacide aurea* FJ Pictet, 1834

*Ceraclea (Athripsodina) batia* (ME Mosely, 1939) : AT (Democratic Republic of the Congo)

*Leptocerus batia* ME Mosely, 1939

Syn.: *Leptocerus fuscus* S Jacquemart, 1961

*Ceraclea (Athripsodina) bilobulata* TI Arefina & JC Morse, 2001 (Holotype--Male; RUSSIA: Khabarovsk, Ussuri River Russia (Khabarovsk Territory))

*Ceraclea (Athripsodina) brachyacantha* L Yang & L Tian, 1987 : OL (China (Fujian))

*Ceraclea (Athripsodina) brachycerca* L Yang & L Tian, 1989 : OL (China (Guizhou))

*Ceraclea (Athripsodina) brachyclada* L Yang & JC Morse, 1997 : OL (China (Sichuan))

*Ceraclea (Athripsodina) breviramosa* TI Arefina & JC Morse, 2001 (Holotype--Male; RUSSIA: Khabarovsk, Ussuri River Russia (Khabarovsk Territory))

*Ceraclea (Athripsodina) brevis* (DA Etnier, 1968) : NA (United States of America)

*Athripsodes brevis* DA Etnier, 1968

*Ceraclea (Athripsodina) celata* L Yang & JC Morse, 2000 : OL (China (Hubei))

*Ceraclea (Athripsodina) complicata* (M Kobayashi, 1984) (Male and female redescribed, reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, *Proc Internatn Symp Trichoptera* 11: 19-20, f 3, 4

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 25

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Leptocerus complicata* M Kobayashi, 1984

Syn.: *Leptocerus funashiensis* M Kobayashi, 1985

*Ceraclea (Athripsodina) coreana* K Kumanski, 1991 (Korean People's Democratic Republic)

*Ceraclea (Athripsodina) corvina* H Malicky, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; Indonesia: Sumatra, Brastagi, 1200 m, 30-31-5-1973, leg Diehl; deposited in the H Malicky Collection, Lunz am See, Austria indonesia (Sumatra)

*Ceraclea (Athripsodina) curva* L Yang & L Tian, 1989 : OL (China (Jiangxi))

*Ceraclea (Athripsodina) diluta* (HA Hagen, 1861) : NA (Female described by DW Carnegie & JC Morse, 2006, *Contrib Amer Entomol Inst* 34(2): 39-40, f 37 United States of America)

*Leptocerus diluta* HA Hagen, 1861

Syn.: *Leptocerus retractus* N Banks, 1914

*Ceraclea (Athripsodina) dingwuschanelle* (G Ulmer, 1932) : OL (China (Guangdong))

*Leptocerus dingwuschanelle* G Ulmer, 1932

*Ceraclea (Athripsodina) disemeiensis* L Yang, 1997 (China (Henan))

*Ceraclea (Athripsodina) dissimilis* (JF Stephens, 1836) : PA (Larva described by P Wiberg-Larsen, 1979, *Entomol Scand* 10: 119-122, f 1-2, tab 1

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, *J Insect Behav* 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, *Lauterbornia* 56: 155-167

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Leptocerus dissimilis* JF Stephens, 1836

Syn.: *Leptocerus assimilis* JF Stephens, 1836

Syn.: *Leptocerus norfolki* L Navas, 1917

Syn.: *Mystacida vetula* P Rambur, 1842

Syn.: *Mystacides sericeus* F Kolenati, 1858

Syn.: *Mystacides uniguttatus* FJ Pictet, 1834

*Ceraclea (Athripsodina) drachevi* TI Arefina, 2002 (Russia (Far East))

*Ceraclea (Athripsodina) egeria* H Malicky & P Chaibu, 2000 : OL (China (Sichuan))

*Ceraclea (Athripsodina) emeiensis* L Yang & L Tian, 1989 : OL (China (Sichuan))

*Ceraclea (Athripsodina) ensifera* (AV Martynov, 1935) : OL (Russia (southern Far East))

*Leptocerus ensifera* AV Martynov, 1935

Syn.: *Leptocerus kashingensis* M Tsuda, 1943

*Ceraclea (Athripsodina) excisa* (KJ Morton, 1904) : PA (*Athripsodes perplexus* nordus LJ Milne

considered a synonym of *Ceraclea excisa* (KJ Morton) by JC Morse, 1975, Contributions Am ent Inst 11(2): 42; now a synonym of *Ceraclea misca* (HH Ross)

*Athripsodes scopulosus* JW Leonard & FA Leonard considered a synonym of *Ceraclea excisa* (KJ Morton) by JC Morse, 1975, Contributions Am ent Inst 11(2): 42; now a synonym of *Ceraclea misca* (HH Ross)

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 134

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Finland)

*Leptocerus excisa* KJ Morton, 1904

*Ceraclea (Athripsodina) exilis* JC Morse, 1988 : AT (Democratic Republic of the Congo)

*Ceraclea (Athripsodina) flava* (N Banks, 1904) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 42-43, f 40 United States of America)

*Leptocerus flava* N Banks, 1904

*Ceraclea (Athripsodina) foensis* (ME Mosely, 1942) : OL (China (Fujian))

*Leptocerus foensis* ME Mosely, 1942

*Ceraclea (Athripsodina) forcipata* (KH Forsslund, 1935) : OL (China (Sichuan))

*Leptocerus forcipata* KH Forsslund, 1935

*Ceraclea (Athripsodina) globosa* L Yang & JC Morse, 1988 (Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Male described for *Ceraclea* cf *globosa* L Yang & JC Morse by H Malicky, P Chantaramongkol, N Changthong, A Nuntakwang, & P Thamsenanupap, Braueria 33: 42, textfigs

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 China (Heilongjiang))

*Ceraclea (Athripsodina) grossa* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Ceraclea (Athripsodina) guineensis* FM Gibon, 1986 : AT (Guinea)

*Ceraclea (Athripsodina) halkyone* H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang, Long Wang Shan, 30°28'N, 119°22'E, 3--4-6-1989, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Zhejiang))

*Ceraclea (Athripsodina) harmonia* H Malicky, 2002 : OL (Male described originally Holotype--Male;

Laos: Luang Prabang Prov, Khan River bei 19°53'N, 102°09'E, 21-4-1999, leg Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) harpalyke* H Malicky & N Changthong, 2002 : OL (Male described originally)

Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Laos: Luang Prabang Prov, Khan River bei 19°53'N, 102°09'E, 21-4-1999, leg Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) hastata* (L Botosaneanu, 1970) (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Korean People's Democratic Republic)

*Athripsodes hastata* L Botosaneanu, 1970

*Ceraclea (Athripsodina) hebe* H Malicky & S Sompong, 2002 : OL (Male described originally Holotype--Male; Thailand: Chatrakhan, 10-12-1989, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) hekabe* H Malicky, 2002 : OL (Male described originally)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; Nepal: Bheri River, 28-3-1990, leg Allen; deposited in the H Malicky Collection, Lunz am See, Austria Nepal)

*Ceraclea (Athripsodina) hektor* H Malicky & P Bunlue, 2004 : OL (Male described originally Holotype--Male; Thailand: Mae Hong Son Province, Namtok Mae Surin National Park, Mae Nam Pai, 19°21'N, 97°50'E, 310 m, 19-3-2002, leg P Banlu; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) helena* H Malicky & P Laudee, 2002 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Distributed in Thailand, Laos, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Vietnam: Nam Cat Tien, 11°26'N, 107°26'E, 17-25-6-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Ceraclea (Athripsodina) hera* H Malicky & S Cheunbarn, 2002 : OL (Male described originally Holotype--Male; Thailand: Umgebung Pai, Huai Mae Sa, 17 km S Pai, 19°12'N, 98°26'E, 21-4-2000, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) herse* H Malicky, 2002 : OL (Male described originally Holotype--Male; Laos: Luang Prabang Prov, Khan River bei 19°53'N, 102°09'E, leg Holschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) hersilia* H Malicky, 2002 : OL (Male described originally)

Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Laos: Ban Phabat, 70 km nE Vientiane, 18°16'N, 103°10'E, 27-4--1-5-1997, leg Holschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) hesione* H Malicky, 2002 : OL (Male described originally)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Holzweg 2 bei Prapat, 2°45'N, 98°58'E, 1050 m, 4-3-1994, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Ceraclea (Athripsodina) hesperida* H Malicky, 2004 : OL (Male described originally near *Ceraclea emeiensis* L Yang & L Tian and *Ceraclea harpalyke* H Malicky & N Changthong)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Lager 2 bei Babai Basar, 6-12-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Ceraclea (Athripsodina) hippodameia* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; Vietnam: Nam Cat Tien, 11°26'N, 107°26'E, 17-25-6-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Ceraclea (Athripsodina) huangi* (L Tian, 1981) : OL (China (Jiangsu))

*Leptocerus huangi* L Tian, 1981

*Ceraclea (Athripsodina) hydra* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Tung Salaeng National Park, 16°49'N, 100°57'E, 15-4-1996, leg Malicky and Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) hygieia* H Malicky, 2002 : OL (Male described originally Holotype--Male; Laos: Luang Prabang Prov, 5 km W Ban Song Cha, 1200 m, 20°33'N, 102°14'E, 24-4--16-5-1999, leg Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) hypermestra* H Malicky, 2002 : OL (Male described originally Holotype--Male; India: Kerala, Kallar-Tal 15 km SW Munnar, 10°02'N, 76°58'E, leg Dembicky and Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria India)

*Ceraclea (Athripsodina) hypsipyle* H Malicky, 2002 : OL (Male described originally)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Dolok Merangir (Quelle), 3°07'N, 99°11'E, 4-3-1991, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Ceraclea (Athripsodina) iambe* H Malicky & T Prommi, 2002 : OL (Male described originally Holotype--Male; Thailand, Doi Suthep, oberhalb Montatan Wasserfall, 18°48'N, 98°56'E, 5-3-1992, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) ianthe* H Malicky, 2002 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; Vietnam: Tam Dao, 21°28'N, 105°38'E, 800-1100 m, 19-5--13-6-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Ceraclea (Athripsodina) idaia* H Malicky & P Chaibu, 2002 : OL (Male described originally)

Distributed in Thailand, Laos, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Laos: Ban Phabat, 70 km nE Vientiane, 18°16'N, 103°10'E, 27-4--1-5-1997, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Ceraclea (Athripsodina) indistincta* (KH Forsslund, 1935) : OL (China (Sichuan))

*Leptocerus indistincta* KH Forsslund, 1935

*Ceraclea (Athripsodina) interispina* L Yang & L Tian, 1987 : OL (China (Fujian))

*Ceraclea (Athripsodina) isurumuniya* (F Schmid, 1958) : OL (Sri Lanka)

*Leptocerus isurumuniya* F Schmid, 1958

*Ceraclea (Athripsodina) itoae* H Malicky, 2007 : OL (Male described originally near *Ceraclea (Athripsodina) helena* H Malicky & P Laudee, *Ceraclea herse* H Malicky, *Ceraclea hersilia* H Malicky & P Chantaramongkol, *Ceraclea hesione* H Malicky, and *Ceraclea martynovi* KHForsslund

Male and for the first time female re-described and re-illustrated, reported from Cambodia by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 226, f 9 Holotype--Male; CAMBODIA: Kompong Chhang District, southwest of Lake Tonle Sap, 6-xii-2004, leg. Y. Mukai; deposited in the H Malicky Collection, Lunz am See, Austria Cambodia)

*Ceraclea (Athripsodina) iuno* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand, Chiangmai Province, Doi Inthanon National Park, Namtok Huai Sai Lueang, 1060 m 18°31'N, 98°27'E, 20-21-3-2002, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ceraclea (Athripsodina) iustitia* H Malicky, 2004 : OL (Male described originally near *Ceraclea brachyacantha* L Yang & L Tian and *Ceraclea celata* L Yang & JC Morse

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Ufer des Babai Nadi bei Babai Basar (Lager 2), 18-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Ceraclea (Athripsodina) joannae* JC Morse & DR Lenat, 2005 : NA (Male, female, larva, and pupa described originally near *Ceraclea diluta* (HA Hagen), as predator of snail *Somatogyrus virginicus* Walker (Hydrobiidae)

Female described by DW Carnagey & JC Morse, 2006, *Contrib Amer Entomol Inst* 34(2): 40-41, f 38  
Holotype--Male; UNITED STATES OF AMERICA: North Carolina, Montgomery County, Little River, 3 km (air) W Star, private road upstream of White Oak Creek, near Reynolds/Mabe Road, 35.4095\*N, 79.8171\*W, el 135 m, larva collected 5-iii-2004, adult reared at 15.0-16.5 degrees C, emerged 3-iv-2004, Coll JC Morse, DR Lenat; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Ceraclea (Athripsodina) kamonis* (M Tsuda, 1942) (Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Leptocerus kamonis* M Tsuda, 1942

*Ceraclea (Athripsodina) kolthoffi* (G Ulmer, 1932) : OL (wings illustrated by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 6, 54, 57, f 69 China (Jiangsu))

*Leptocerus kolthoffi* G Ulmer, 1932

Syn.: *Leptocerus inchinus* ME Mosely, 1942

*Ceraclea (Athripsodina) kore* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264  
Holotype--Male; NEPAL: Ufer des Babai Nadi beim Lager 2, 18-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Ceraclea (Athripsodina) kudila* J Olah & H Malicky, 2011 : OL (Male described originally near *Ceraclea modesta* N Banks Holotype--Male; INDONESIA: Sumatra, Way Titias, Bukit Barisan Selatan National Park, 850 m, 05\*07'S, 104\*08'E, 26-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Ceraclea (Athripsodina) lirata* L Yang & JC Morse, 1988 : OL (China (Yunnan))

*Ceraclea (Athripsodina) litania* L Botosaneanu & A Dia, 1983 (Lebanon)

*Ceraclea (Athripsodina) lobulata* (AV Martynov, 1935) (Reported from South Korea by SJ Park, YJ Bae, & L Yang, 1999, *Insecta Koreana* 16(2): 155-162

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (Novosibirsk) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Russia (southern Far East))

*Leptocerus lobulata* AV Martynov, 1935

Syn.: *Leptocerus miyakonis* M Tsuda, 1942

*Ceraclea (Athripsodina) maccalmonti* SR Moulton & KW Stewart, 1992 : NA (Female described by DW Carnagey & JC Morse, 2006, *Contrib Amer Entomol Inst* 34(2): 44, f 41 United States of America)

*Ceraclea (Athripsodina) major* (C Hwang, 1957) : OL (China (Guangxi))

*Leptocerus major* C Hwang, 1957

*Ceraclea (Athripsodina) marginata* (N Banks, 1911) : OL (India)

*Leptocerus marginata* N Banks, 1911

*Ceraclea (Athripsodina) martynovi* (KH Forsslund, 1940) : OL (India)

*Leptocerus martynovi* KH Forsslund, 1940

Syn.: *Leptocerus forcipatus* AV Martynov, 1936

*Ceraclea (Athripsodina) microbatia* (G Marlier, 1956) : AT (Tanganyika)

*Leptocerus microbatia* G Marlier, 1956

*Ceraclea (Athripsodina) misca* (HH Ross, 1941) : NA (Considered a synonym of *Ceraclea excisa* (KJ Morton) by JC Morse, 1975, *Contributions Am ent Inst* 11(2): 42

Larva and pupa described as species distinct from *Ceraclea excisa* (KJ Morton) by VH Resh, 1976, *Annals of the Entomological Society of America* 69(6): 1057, f 18, 43, 50, 91

Female described as species distinct from *Ceraclea excisa* (KJ Morton) by DW Carnagey & JC Morse,

2006, Contrib Amer Entomol Inst 34(2): 45, f 43 United States of America)

*Athripsodes misca* HH Ross, 1941

Syn.: *Athripsodes perplexus nordus* LJ Milne, 1934

Syn.: *Athripsodes scopulosus* JW Leonard & FA Leonard, 1949

*Ceraclea (Athripsodina) mitis* (M Tsuda, 1942) (Male and female redescribed, reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 98-99, f 1a-d Japan)

*Leptocerus mitis* M Tsuda, 1942

*Ceraclea (Athripsodina) modesta* (N Banks, 1920) : OL (Listed from Indonesia (Sumatra), as *Leptocerus modestus*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Borneo ?)

*Leptocerus modesta* N Banks, 1920

*Ceraclea (Athripsodina) nankingensis* (C Hwang, 1957) : OL (China (Jiangsu))

*Leptocerus nankingensis* C Hwang, 1957

*Ceraclea (Athripsodina) neffi* (VH Resh, 1974) : NA (United States of America)

*Athripsodes neffi* VH Resh, 1974

*Ceraclea (Athripsodina) nepha* (HH Ross, 1944) : NA (Female described by DW Carnagey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 37-38, f 35 United States of America)

*Athripsodes nepha* HH Ross, 1944

*Ceraclea (Athripsodina) nycteola* W Mey, 1997 : OL (Male described originally in the *Ceraclea riparia* Group

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Holotype--Male; VIETNAM: 14 km north of Sa Pa, at the base of Fan Si Pan Massif, 1100 m, 30-iii-1995, leg W Mey; deposited in the W Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Ceraclea (Athripsodina) omar* H Malicky, 2011 : OL (Male described originally near *Ceraclea hebe* H Malicky & S Sompong Holotype--Male; THAILAND: Kanchanaburi, Sai Yok Resort, Wang Pho, 200 m, 24-xii-2003, leg S Huber; deposited in the Naturhistorisches Museum, Geneva, Switzerland Thailand)

*Ceraclea (Athripsodina) parakamonis* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Ceraclea (Athripsodina) perplexa* (R McLachlan, 1877) (Russia (northwestern), Finland)

*Leptocerus perplexa* R McLachlan, 1877

*Ceraclea (Athripsodina) polyacantha* L Yang & L Tian, 1987 (China (Shaanxi))

*Ceraclea (Athripsodina) protonepha* JC Morse & HH Ross, 1975 : NA (Female described by DW Carnagey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 38, f 36 United States of America)

*Ceraclea (Athripsodina) riparia* (H Albarda, 1874) : OL, PA (Larva and pupa described by G Urbanic, J Waringer, & B Rotar, 2003, Aquatic Insects 25(4): 259-267 Netherlands, Germania)

*Leptocerus riparia* H Albarda, 1874

*Ceraclea (Athripsodina) ruthae* (OS Flint, 1965) : NA (Female described by DW Carnagey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 45-46, f 44 United States of America)

*Athripsodes ruthae* OS Flint, 1965

*Ceraclea (Athripsodina) seikunis* (M Kobayashi, 1987) (Japan)

*Leptocerus seikunis* M Kobayashi, 1987

*Ceraclea (Athripsodina) semicircularis* L Yang & JC Morse, 1997 : OL (China (Sichuan))

*Ceraclea (Athripsodina) shuotsuensis* (M Tsuda, 1942) (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Korea)

*Leptocerus shuotsuensis* M Tsuda, 1942

Syn.: *Athripsodes bicalcaratus* F Schmid, 1970

*Ceraclea (Athripsodina) sibirica* (G Ulmer, 1906) (Reported from South Korea by SJ Park, YJ Bae, & L Yang, 1999, Insecta Koreana 16(2): 155-162

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (southern Far East))

*Leptocerus sibirica* G Ulmer, 1906

*Ceraclea (Athripsodina) sibirica reducta* (AV Martynov, 1935) (

~*sibirica* (G Ulmer, 1906, Not Leyden Mus 28: 36-38, f 42-43), *Leptocerus*)

*Leptocerus sibirica reducta* AV Martynov, 1935

*Ceraclea (Athripsodina) signaticornis* (G Ulmer, 1926) : OL (China (Guangdong))

*Leptocerus signaticornis* G Ulmer, 1926



*Ceraclea (Athripsodina) singularis* L Yang & JC Morse, 2000 : OL (China (Sichuan))  
*Ceraclea (Athripsodina) sobradieli* (L Navas, 1917) (Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 Spain)  
*Leptocerus sobradieli* L Navas, 1917  
 Syn.: *Leptocerus minor* ME Mosely, 1930  
*Ceraclea (Athripsodina) spinosa* (L Navas, 1930) : AT (Democratic Republic of the Congo)  
*Leptocerus spinosa* L Navas, 1930  
 Syn.: *Leptocerus bispinosus* S Jacquemart, 1961  
 Syn.: *Leptocerus schoutedeni* ME Mosely, 1939  
*Ceraclea (Athripsodina) tarsipunctata* (CT Vorhies, 1909) : NA (Female described by DW Carnegiey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 35-36, f 34 United States of America)  
*Leptocerus tarsipunctata* CT Vorhies, 1909  
*Ceraclea (Athripsodina) trifurca* L Yang & JC Morse, 1988 : OL (China (Jiangsu))  
*Ceraclea (Athripsodina) trilobulata* JC Morse, L Yang, & IM Levanidova, 1997 (Russia (Far East))  
*Ceraclea (Athripsodina) trismegistos* H Malicky, 2008 : OL (Male described originally near *Ceraclea helena* H Malicky & P Laudee, *Ceraclea hersilia* H Malicky & N Changthong, *Ceraclea hesione* H Malicky, and *Ceraclea martynovi* KH Forsslund Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 20-iv-2001, B1313PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Ceraclea (Athripsodina) troilus* H Malicky, 2006 : OL (Male described originally Holotype--Male; VIETNAM: Na Hang, 160 m, NWW von Hanoi, 26-v--14-vi-1996, leg Napolov & Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Ceraclea (Athripsodina) unguifera* (DE Kimmins, 1963) : OL (Myanmar)  
*Athripsodes unguifera* DE Kimmins, 1963  
*Ceraclea (Athripsodina) vaciva* L Yang & JC Morse, 1997 : OL (China (Sichuan))  
*Ceraclea (Athripsodina) variabilis* (AV Martynov, 1935) (Russia (southern Far East))  
*Leptocerus variabilis* AV Martynov, 1935  
*Ceraclea (Athripsodina) veiovius* H Malicky, 2006 : OL (Male described originally Holotype--Male; INDONESIA: Sumatra, Prapat, 8-v-1998, leg Diehl; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))  
*Ceraclea (Athripsodina) wetzeli* (HH Ross, 1941) : NA (Female described by DW Carnegiey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 33, f 31 United States of America)  
*Athripsodes wetzeli* HH Ross, 1941  
*Ceraclea (Athripsodina) yangi* ME Mosely, 1942 : OL (China (Fujian))

#### **subgenus *Ceraclea* JF Stephens, 1829**

*Ceraclea (Ceraclea) alabamae* SC Harris, 1989 : NA (Female described by DW Carnegiey & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 16-17, f 12 United States of America)  
*Ceraclea (Ceraclea) albimacula* (P Rambur, 1842) : PA (Sexual dimorphism, swarming behavior, and pair formation described as *Ceraclea alboguttata* (H Hagen) by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Buskerud, Norway, as *Ceraclea alboguttata* HA Hagen, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

First confirmed record for Germany reported as *Ceraclea alboguttata* (Hagen, 1860) by M Hohmann, 1999, Lauterbornia 36: 33-40

Recorded from the Kuril Islands as *Ceraclea alboguttata* (Hagen, 1860) by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 55

Exhibiting considerable variation in the inferior appendages according to H Malicky, 2005, Linzer biol Beitr 37(1): 587, 589, f 5

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Reported from Hiroshima Prefecture (Japan), as *Ceraclea alboguttata* HA Hagen, by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Mystacida albimacula* P Rambur, 1842

Syn.: *Leptocerus alboguttatus* HA Hagen, 1860

Syn.: *Leptocerus biwaensis*, 1950

Syn.: *Leptocerus spinosus* M Tsuda, 1942

*Ceraclea (Ceraclea) albosticta* (HA Hagen, 1861) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 13, f 8 "North America")

*Leptocerus albosticta* HA Hagen, 1861

Syn.: *Athripsodes saccus* HH Ross, 1938

*Ceraclea (Ceraclea) alces* (HH Ross, 1941) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 18-19, f 15 United States of America)

*Athripsodes alces* HH Ross, 1941

*Ceraclea (Ceraclea) bifurcata* JC Morse, L Yang, & IM Levanidova, 1997 (Russia (Far East))

*Ceraclea (Ceraclea) cama* (OS Flint, 1965) : NA (United States of America)

*Athripsodes cama* OS Flint, 1965

*Ceraclea (Ceraclea) cancellata* (C Betten, 1934) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 28-29, f 27 United States of America)

*Leptocerus cancellata* C Betten, 1934

Syn.: *Athripsodes improcerus* SW Edwards, 1956

*Ceraclea (Ceraclea) cophia* (HH Ross, 1938) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 24, f 21 United States of America)

*Athripsodes cophia* HH Ross, 1938

*Ceraclea (Ceraclea) distinguenda* (AV Martynov, 1936) : OL (India)

*Leptocerus distinguenda* AV Martynov, 1936

*Ceraclea (Ceraclea) elongata* L Yang & JC Morse, 2000 : OL (China (Anhui))

*Ceraclea (Ceraclea) enodis* HN Whitlock & JC Morse, 1994 : NA (Male, female, larva, pupa described originally near *Ceraclea (C) cancellata* (C Betten) Holotype--Male; UNITED STATES OF AMERICA: North Carolina, Montgomery County, Little River at Rt 1349, 15 km (9.3 miles) northeast of Troy [North Carolina Division of Environmental Management site L2], 8 June 1993, ultraviolet light, Morse and Whitlock; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Ceraclea (Ceraclea) equiramosa* JC Morse, L Yang, & IM Levanidova, 1997 (Russia (Far East))

*Ceraclea (Ceraclea) erratica* (LJ Milne, 1936) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 25-26, f 23 Canada)

*Athripsodes erratica* LJ Milne, 1936

*Ceraclea (Ceraclea) erulla* (HH Ross, 1938) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 24-25, f 22 United States of America)

*Athripsodes erulla* HH Ross, 1938

*Ceraclea (Ceraclea) floridana* (N Banks, 1903) : NA (United States of America)

*Leptocerus floridana* N Banks, 1903

*Ceraclea (Ceraclea) fulva* (P Rambur, 1842) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Mouthparts described by C Corallini-Sorcetti, 1994, Atti Congr Naz Ital Entomol 17: 303-308

Digestion patterns and exclusive predation on Ephydatia fluviatilis discussed by C Corallini & E Gaino, 2001, Tissue & Cell 33(4): 402-407

Forelegs described by G Spinelli & C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Mutualism with Ephydatia fluviatilis discussed by C Corallini & E Gaino, 2003, Tissue & Cell 35: 1-7

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Russia (European part, Siberia, Far East, Sakhalin) and Europe by TI Arefina, N Minakava, & T Nozaki, 2004, Flora and Fauna of Sakhalin Island (Materials of International Sakhalin Project) Part I, Vladivostok, Dalnauka, p 212

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Mystacida fulva* P Rambur, 1842

Syn.: *Leptocerus grossus* R McLachlan, 1862

Syn.: *Leptocerus turanicus* AV Martynov, 1928

*Ceraclea (Ceraclea) gigantea* K Kumanski, 1991 (Korean People's Democratic Republic)

*Ceraclea (Ceraclea) latahensis* (SD Smith, 1962) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 17-18, f 14 United States of America)

*Athripsodes latahensis* SD Smith, 1962

*Ceraclea (Ceraclea) limnetes* AK Rasmussen & SC Harris, 2008 : NA (Male and female described originally in the *Ceraclea fulva* Group near *Ceraclea cama* (OS Flint), *Ceraclea albimaculata* (P Rambur), and *Ceraclea fulva* (P Rambur) Holotype--Male; UNITED STATES OF AMERICA: Florida, Leon County, Lofton Ponds, Apalachicola National Forest, at Sam Allen Road, off Springhill Road, SW of Tallahassee, N30°21'40", W84°23'25", 22 February 2006, DR Denson; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Ceraclea (Ceraclea) macronemoides* H Malicky, 1975 (Portugal)

*Ceraclea (Ceraclea) maculata* (N Banks, 1899) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 31-32, f 30

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Leptocerus maculata* N Banks, 1899

Syn.: *Leptocerus inornatus* N Banks, 1914

*Ceraclea (Ceraclea) mentiea* (F Walker, 1852) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 21-22, f 18 Canada)

*Leptocerus mentiea* F Walker, 1852

Syn.: *Leptocerus vanus* C Betten, 1934

*Ceraclea (Ceraclea) morsei* K Kumanski, 1991 (Reported from South Korea by SJ Park, YJ Bae, & L Yang, 1999, Insecta Koreana 16(2): 155-162 Korean People's Democratic Republic)

*Ceraclea (Ceraclea) nibenica* MA Gonzalez & LSW Terra, 1988 (Portugal)

*Ceraclea (Ceraclea) nigronervosa* (AJ Retzius, 1783) : NA, PA (Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Larva illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 7-8

Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 26-27, f 24

Reported from Siberia (Chita Region, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea nigronervosa* AJ Retzius, 1783

Syn.: *Mystacida venosa* P Rambur, 1842

Syn.: *Phryganea barbata* JW Zetterstedt, 1840

Syn.: *Phryganea fennica* JC Fabricius, 1787

Syn.: *Phryganea nervosa* AF Fourcroy, 1785

Syn.: *Phryganea pallida*, 1791

*Ceraclea (Ceraclea) ophioderus* (HH Ross, 1938) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 22-23, f 19 United States of America)

*Athripsodes ophioderus* HH Ross, 1938

*Ceraclea (Ceraclea) punctata* (N Banks, 1894) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 27-28, f 25 United States of America)

*Mystacides punctata* N Banks, 1894

*Ceraclea (Ceraclea) ramburi* JC Morse, 1975 (Rarely collected in Europe, with the only known specimens including two specimens from Paris in the Brussels Museum, one in the Harvard Museum of Comparative Zoology, a male in the Natural History Museum of Vienna (from "Bohemia, Moldau, 26.5, Kolenati") and a male in the collection of Dziedzielewicz in the Institute for Systematics and Experimental Zoology ("Kolomyia" in Tschernowitz, Ukraine) according to H Malicky, 2005, Linzer biol Beitr 37(1): 587

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

Syn.: *Leptocerus albimacula* R McLachlan, 1877

*Ceraclea (Ceraclea) resurgens* (F Walker, 1852) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 19-20, f 16 Canada)

*Leptocerus resurgens* F Walker, 1852

Syn.: *Leptocerus aspinosus* C Betten, 1934

Syn.: *Leptocerus variegatus* HA Hagen, 1861

*Ceraclea (Ceraclea) senilis* (H Burmeister, 1839) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)

*Mystacides senilis* H Burmeister, 1839  
 Syn.: *Leptocerus nygmaticus* L Navas, 1917  
 Syn.: *Leptocerus spongillae*, 1894  
 Syn.: *Mystacides ochraceus* F Kolenati, 1858  
*Ceraclea (Ceraclea) sinensis* (KH Forsslund, 1935) : OL (China (Sichuan))  
*Leptocerus sinensis* KH Forsslund, 1935  
*Ceraclea (Ceraclea) slossonae* (N Banks, 1938) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 23-24, f 20 United States of America)  
*Athripsodes slossonae* N Banks, 1938  
 Syn.: *Athripsodes daggyi* DG Denning, 1948  
*Ceraclea (Ceraclea) spinulicolis* L Yang & JC Morse, 1988 : OL (China (Anhui))  
*Ceraclea (Ceraclea) spongillovorax* (VH Resh, 1974) : NA (United States of America)  
*Athripsodes spongillovorax* VH Resh, 1974  
*Ceraclea (Ceraclea) submacula* (F Walker, 1852) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 20-21, f 17 United States of America)  
*Leptocerus submacula* F Walker, 1852  
*Ceraclea (Ceraclea) superba* (M Tsuda, 1942) (Japan)  
*Leptocerus superba* M Tsuda, 1942  
*Ceraclea (Ceraclea) takatsunis* (M Kobayashi, 1987) (Japan)  
*Leptocerus takatsunis* M Kobayashi, 1987  
*Ceraclea (Ceraclea) transversa* (HA Hagen, 1861) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 15-16, f 11 United States of America)  
*Leptocerus transversa* HA Hagen, 1861  
 Syn.: *Leptocerus angustus* N Banks, 1914  
*Ceraclea (Ceraclea) uvalo* (HH Ross, 1938) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 28, f 26 United States of America)  
*Athripsodes uvalo* HH Ross, 1938  
*Ceraclea (Ceraclea) valentinae* TI Arefina, 1997 (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 55 Russia (S Kuril Islands))  
*Ceraclea (Ceraclea) vertreesi* (DG Denning, 1966) : NA (Female described by DW Carnegie & JC Morse, 2006, Contrib Amer Entomol Inst 34(2): 13-14, f 9 United States of America)  
*Athripsodes vertreesi* DG Denning, 1966

#### **subgenus *Pseudoleptocerus* G Ulmer, 1907**

*Ceraclea (Pseudoleptocerus) chirindensis* (DE Kimmins, 1956) : AT (Mozambique)  
*Pseudoleptocerus chirindensis* DE Kimmins, 1956  
*Ceraclea (Pseudoleptocerus) congolensis* (ME Mosely, 1939) : AT (Democratic Republic of the Congo)  
*Pseudoleptocerus congolensis* ME Mosely, 1939  
*Ceraclea (Pseudoleptocerus) corbeti* (DE Kimmins, 1957) : AT (Uganda)  
*Pseudoleptocerus corbeti* DE Kimmins, 1957  
*Ceraclea (Pseudoleptocerus) cuprea* (KH Barnard, 1934) : AT (Namibia)  
*Pseudoleptocerus cuprea* KH Barnard, 1934  
*Ceraclea (Pseudoleptocerus) cuprea subfusca* KH Barnard, 1934 ( ~cuprea (KH Barnard, 1934, Tr S Afr Soc 21: 329-330, f 19 a-h), *Pseudoleptocerus*)  
*Ceraclea (Pseudoleptocerus) giudicellii* G Marlier, 1986 : AT (Niger)  
*Ceraclea (Pseudoleptocerus) minima* (DE Kimmins, 1956) : AT (Sierra Leone)  
*Athripsodes minima* DE Kimmins, 1956  
 Syn.: *Pseudoleptocerus minor* ME Mosely, 1933  
*Ceraclea (Pseudoleptocerus) njalaensis* (ME Mosely, 1933) : AT (Sierra Leone)  
*Pseudoleptocerus njalaensis* ME Mosely, 1933  
*Ceraclea (Pseudoleptocerus) pulchra* (G Ulmer, 1912) : AT (Cameroon)  
*Leptocerus pulchra* G Ulmer, 1912  
*Ceraclea (Pseudoleptocerus) quadrispina* G Marlier, 1965 : AT (Angola)  
*Ceraclea (Pseudoleptocerus) schoutedeni* (L Navas, 1930) : AT (Democratic Republic of the Congo)  
*Pseudoleptocerus schoutedeni* L Navas, 1930  
*Ceraclea (Pseudoleptocerus) squamosa* (G Ulmer, 1905) : AT (Democratic Republic of the Congo)  
*Leptocerus squamosa* G Ulmer, 1905

***Cerasma* R McLachlan, 1876**

*Cerasma cairon* H Malicky, 1986 (Turkey)  
*Cerasma cornuta* R McLachlan, 1876 (Georgia)

***Cerasmatrichia* OS Flint, SC Harris, & L Botosaneanu, 1994**

*Cerasmatrichia adunca* (OS Flint, 1991) : NT (Colombia)  
*Rioptila adunca* OS Flint, 1991  
*Cerasmatrichia argylensis* OS Flint, SC Harris, & L Botosaneanu, 1994 : NT (Tobago)  
*Cerasmatrichia dominicensis* (OS Flint, 1968) : NT (Dominica)  
*Alisotrichia dominicensis* OS Flint, 1968  
*Cerasmatrichia spinosa* OS Flint, SC Harris, & L Botosaneanu, 1994 : NT (Venezuela)  
*Cerasmatrichia trinitatis* OS Flint, SC Harris, & L Botosaneanu, 1994 : NT (Trinidad)  
*Cerasmatrichia wirthi* (OS Flint, 1968) : NT (Reported from Martinique female described, as probably this species by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 38, 40, f 12 Dominica)  
*Alisotrichia wirthi* OS Flint, 1968

***Ceratotrichia* OS Flint, 1992**

*Ceratotrichia fairchildi* OS Flint, 1992 : NT (Panama)  
*Ceratotrichia flavicoma* OS Flint, 1992 : NT (Venezuela)

***Cernotina* HH Ross, 1938**

*Cernotina abbreviata* OS Flint, 1971 : NT (Brazil)  
*Cernotina acalyptra* OS Flint, 1971 : NT (Brazil)  
*Cernotina aestheticella* JL Sykora, 1998 : NT (Peru)  
*Cernotina antonina* RW Holzenthal & GL de Almeida, 2003 : NT (Male described originally in the *Cernotina cygnea* Group Holotype--Male; Brazil: Parana, Antonina, Reserva de Sapitanduva, 25°28'S, 48°50'W, el 60 m, 27-iii-1987, PROFAUPAR-lampada; deposited in the Colacao de Entomologia Pe, Jesus Santiago Moure, Departamento de Zoologia, Universidade Federal do Parana, Curitiba, Brazil Brazil)  
*Cernotina artiguensis* EB Angrisano, 1994 : NT (Uruguay)  
*Cernotina aruma* APM Santos & JL Nessimian, 2008 : NT (Male described originally near *Cernotina compressa* OS Flint and *Cernotina odonta* APM Santos & JL Nessimian Holotype--Male; BRAZIL: Amazonas, Manaus, Igarape Aruma, basin of Rio Cuieiras, 02°30'55.2"S, 60°15'44.4"W, 23-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in the Colecao de Invertebrados do Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)  
*Cernotina aстера* HH Ross, 1941 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46

Male redescribed by J Bueno-Soria, 2010, Proceedings of the Entomological Society of Washington 112(1): 30, f 21-22 United States of America)

*Cernotina attenuata* OS Flint, 1971 : NT (Brazil)  
*Cernotina bibrachiata* OS Flint, 1971 : NT (Brazil)  
*Cernotina cacha* OS Flint, 1971 : NT (Brazil)  
*Cernotina cadeti* OS Flint, 1968 : NT (St Lucia)  
*Cernotina calcea* HH Ross, 1938 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 United States of America)  
*Cernotina caliginosa* OS Flint, 1968 : NT (Jamaica)  
*Cernotina carbonelli* OS Flint, 1983 : NT (Uruguay)  
*Cernotina chelifera* OS Flint, 1972 : NT (Argentina)  
*Cernotina chiapaneca* J Bueno-Soria, 2010 : NT (Male described originally near *Cernotina aстера* HH Ross and *Cernotina zanciana* HH Ross Holotype--Male; MEXICO: Chiapas, Colon El Lagartero, 15°50'303.47"W[sic], 091°52'32.78"W, el 640 m, 6-iv-1979, J Bueno; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico

(Chiapas))

*Cernotina cingulata* OS Flint, 1971 : NT (Brazil)

*Cernotina compressa* OS Flint, 1971 : NT (Brazil)

*Cernotina cygnaea* OS Flint, 1971 : NT (Brazil)

*Cernotina cystophora* OS Flint, 1971 : NT (Brazil)

*Cernotina danieli* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Cernotina caliginosa* OS Flint, from the Dominican Republic (Pedernales, San Cristobal) Holotype--Male; DOMINICAN REPUBLIC: Pedernales, Rio Mulito, 13 km N Pedernales, 18°09'N, 71°46'W, 230 m, 17 July 1992, Rawlins et al; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Cernotina declinata* OS Flint, 1971 : NT (Brazil)

*Cernotina decumbens* OS Flint, 1971 : NT (Brazil)

*Cernotina depressa* OS Flint, 1974 : NT (Surinam)

*Cernotina ecotura* JL Sykora, 1998 : NT (Brazil)

*Cernotina encrypta* OS Flint, 1971 : NT (Brazil)

*Cernotina fallaciosa* OS Flint, 1983 : NT (Argentina)

*Cernotina filiformis* OS Flint, 1971 : NT (Brazil)

*Cernotina flexuosa* APM Santos & JL Nessimian, 2008 : NT (Male described originally near *Cernotina filiformis* OS Flint Holotype--Male; BRAZIL: Amazonas, Rio Preto da Eva municipality, tributary to Rio Preto de Eva, 02°41'28.7"S, 59°42'01.3"W, 24-iv-2004, JL Nessimian, light trap; deposited in the Colecao de Invertebrados do Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Cernotina harrisi* JL Sykora, 1998 : NT (Peru)

*Cernotina hastilis* OS Flint, 1996 : NT (Tobago)

*Cernotina intersecta* OS Flint, 1974 : NT (Surinam)

*Cernotina laticula* HH Ross, 1952 : NT (Mexico (Campeche))

*Cernotina lazzarii* RW Holzenthal & GL de Almeida, 2003 : NT (Close to *Cernotina abbreviata* and *Cernotina perpendicularis* according to RW Holzenthal & GL de Almeida, 2003, Proc Entomol Soc Washington 105(1): 24, 26, f 2 Holotype--Male; Brazil: Parana, Municipio de Corbelia, Rio Novo headwaters, 24°53.886'S, 53°14.895'W, el 700 m, 4-7-iv-1998, Holzenthal & Huisman; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Cernotina lobisomem* APM Santos & JL Nessimian, 2008 : NT (Male described originally in the *Cernotina cygnea* Group OS Flint near *Cernotina antonina* RW Holzenthal & GL Almeida Holotype--Male; BRAZIL: Amazonas, Manaus, tributary to Igarape do Lobisomem, Basin of Rio Cuieiras, 02°33'46.4"S, 60°19'03.4"W, 22-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in the Colecao de Invertebrados do Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Cernotina longissima* OS Flint, 1974 : NT (Surinam)

*Cernotina lutea* OS Flint, 1968 : NT (Reported from Martinique, possibly this species according to L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 51 Dominica)

*Cernotina mandeba* OS Flint, 1974 : NT (Surinam)

*Cernotina mastelleri* OS Flint, 1992 : NT (Puerto Rico)

*Cernotina mediolaba* OS Flint, 1972 : NT (Argentina)

*Cernotina nigridentata* JL Sykora, 1998 : NT (Peru)

*Cernotina obliqua* OS Flint, 1971 : NT (Brazil)

*Cernotina odonta* APM Santos & JL Nessimian, 2008 : NT (Male described originally near *Cernotina compressa* OS Flint Holotype--Male; BRAZIL: Amazonas, Manaus, tributary to Igarape do Lobisomem, Basin of Rio Cuieiras, 02°33'46.4"S, 60°19'03.4"W, 22-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in the Colecao de Invertebrados do Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Cernotina ohio* HH Ross, 1939 : NA (United States of America)

*Cernotina oklahoma* HH Ross, 1938 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Cernotina pallida* (N Banks, 1904) : NA (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 United States of America)

*Cyrnus pallida* N Banks, 1904

*Cernotina perpendicularis* OS Flint, 1971 : NT (Brazil)

*Cernotina pesae* APM Santos & JL Nessimian, 2008 : NT (Male described originally near *Cernotina subapicalis* OS Flint Holotype--Male; BRAZIL: Amazonas, Manaus, tributary to Igarape Cachoeira, basin of Rio Cuieiras, 02°41'45.4"S, 60°17'42.7"W, 20-viii-2004, JL Nessimian & L Fidelis, light trap;

deposited in the Colecao de Invertebrados do Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Cernotina riosanjuanensis* ML Chamorro-Lacayo, 2003 : NT (Male described originally)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Holotype--Male; Nicaragua: Rio San Juan, Refugio Bartola, small creek, 300 m NW of station, 10°58'N, 84°21'W, el 35 m, 7-viii-2000, Chamorro, Dobbins (USMP000066732); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

*Cernotina sexspinosa* OS Flint, 1983 : NT (Brazil)

*Cernotina sinosa* HH Ross, 1952 : NT (Mexico (Chiapas))

*Cernotina spicata* HH Ross, 1938 : NA (Wing coupling structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 United States of America)

*Cernotina spinigera* OS Flint, 1971 : NT (Brazil)

*Cernotina spinosior* OS Flint, 1991 : NT (Brazil)

*Cernotina stannardi* HH Ross, 1952 : NT (Mexico (Chiapas))

*Cernotina subapicalis* OS Flint, 1971 : NT (Brazil)

*Cernotina taeniata* HH Ross, 1952 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Mexico (Chiapas))

*Cernotina trispina* OS Flint, 1971 : NT (Brazil)

*Cernotina truncona* HH Ross, 1947 : NA (United States of America)

*Cernotina uara* OS Flint, 1971 : NT (Brazil)

*Cernotina uncifera* HH Ross, 1952 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Mexico (Chiapas))

*Cernotina unguiculata* OS Flint, 1971 : NT (Brazil)

*Cernotina verna* OS Flint, 1983 : NT (Argentina)

*Cernotina verticalis* OS Flint, 1971 : NT (Brazil)

*Cernotina zanclana* HH Ross, 1952 : NT (

Male redescribed by J Bueno-Soria, 2010, Proceedings of the Entomological Society of Washington 112(1): 30, f 23 Mexico (Oaxaca))

### ***Chaetopterna* AV Martynov, 1913**

*Chaetopterna satunini* AV Martynov, 1913 (Azerbaijan)

### ***Chaetopteroides* K Kumanski, 1987**

*Chaetopteroides bulgaricus* (K Kumanski, 1969) (Belongs in *Chaetopteroides* and not *Chaetopteryx* according to H Malicky, 2005, Linzer biol Beitr 37(1): 573 Bulgaria)

*Chaetopteryx bulgaricus* K Kumanski, 1969

*Chaetopteroides maximus* (K Kumanski, 1968) (Bulgaria)

*Chaetopteryx maximus* K Kumanski, 1968

### ***Chaetopterygopsis* JPEF Stein, 1874**

*Chaetopterygopsis maclachlani* JPEF Stein, 1874 (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 253

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Genetic population structure and phylogeography discussed by S Lehrian, M Balint, P Haase, & SU Pauls, 2010, Journal of the North American Benthological Society 29(3): 110-1118 Germany, "Altwater Mountains")

Syn.: *Chaetopterygopsis maclachlani zaitzevi* AV Martynov, 1916

*Chaetopterygopsis sisestii* L Botosaneanu, 1961 (Roumania)

*Chaetopterygopsis siveci* H Malicky, 1988 (Greece)



## *Chaetopteryx* JF Stephens, 1829

*Chaetopteryx abchazica* (AV Martynov, 1916) (Reported from Iran, as *Chaetopteryx abchasica* AV Martynov, 1919, by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Russia (Caucasus))

*Chaetopterygella abchazica* AV Martynov, 1916

*Chaetopteryx aproka* J Olah, 2011 (Male described originally in the *Chaetopsyche rugulosa* Group near *Chaetopteryx marinkovicae* H Malicky & C Krusnik Holotype--Male; ROMANIA: Maramures County, Muntii Ignia, Desesti, Statiunea Izvoare, open brook with spring bog on the Valhani Plateau, 1020 m, 47°43'N, 23°44'E, 24-ix-2005, leg J Kontschan, D Muranyi, J Nedli; deposited in the Hungarian Natural History Museum, Budapest, Hungary Bosnia)

*Chaetopteryx atlantica* H Malicky, 1975 (Portugal)

*Chaetopteryx bektasensis* F Sipahiler, 2008 (Male described originally near *Chaetopteryx abchazica* (AV Martynov) Holotype--Male; TURKEY: Giresun, Yavuzk Kemal, Bektas Yaylasi, 2010 m, 40°39'N, 38°14'E, 12-x-2007, leg and coll Sipahiler; deposited in the F Sipahiler Collection, Kucukesat (Ankara), Turkey Turkey)

*Chaetopteryx biloba* L Botosaneanu, 1960 (Roumania)

*Chaetopteryx bosniaca* M Marinkovic-Gospodnetic, 1959 (Bosnia)

Syn.: *Chaetopteryx cissylvanica* L Botosaneanu, 1959

Syn.: *Chaetopteryx frontisdraconis* L Botosaneanu, 1993

*Chaetopteryx clara* R McLachlan, 1876 (Bosnia ("Carniola"), Germany)

*Chaetopteryx denticulata* H Decamps, 1971 (France)

*Chaetopteryx euganea* GP Moretti & H Malicky, 1986 (Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15, 16)

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Chaetopteryx fusca* F Brauer, 1857 (Biogeography and morphological variations of genitalia described by K Majecka & B Szczesny, 2005, *Proc Internatn Symp Trichoptera* 11: 253-259)

Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15 Austria)

*Chaetopteryx gessneri* R McLachlan, 1876 (Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15, 16)

Midgut epithelial goblet cells absent according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76 Switzerland)

Syn.: *Chaetopteryx gessneri tomaszewski* GP Moretti, 1991

*Chaetopteryx gessneri tomaszewski* GP Moretti, 1991 ( ~gessneri R McLachlan, 1876, *Rev Syn* p 198, pl 22 f 1-5)

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, *Proc Internatn Symp Trichoptera* 11: 91-99

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, *Proc Internatn Symp Trichoptera* 11: 101-106)

*Chaetopteryx gonospina* M Marinkovic-Gospodnetic, 1966 (Distribution disjunct in Bosnia and Pyrenees according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 573 Bosnia)

*Chaetopteryx goricensis* H Malicky & C Krusnik, 1986 (Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15 Bosnia)

*Chaetopteryx irenae* C Krusnik & H Malicky, 1986 (Female described, reported from Slovenia by G Urbanic & C Krusnik, 2002, *Acta Entomologica Slovenica* 10(1): 21-24 Bosnia)

*Chaetopteryx lusitanica* H Malicky, 1974 (Portugal)

*Chaetopteryx major* R McLachlan, 1876 (Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15 Austria, Bosnia("Carniola"), Germany)

Syn.: *Chaetopteryx irregularis* F Kolenati, 1859

*Chaetopteryx marinkovicae* H Malicky & C Krusnik, 1988 (Distribution discussed by O Lodovici & M Valle, 2007, *Braueria* 34: 15 Bosnia)

Syn.: *Chaetopteryx malickyi*, 2001

*Chaetopteryx moretii* O Lodovici & M Valle, 2007 (Male and female described originally in the

*Chaetopteryx villosa* Group near *Chaetopteryx bosniaca* M Marinkovic-Gospodnetic Holotype--Male; ITALY: Veneto, Cesiomaggiore (BL) 590 m, Val Canzoi, spring, 46°06'39"N, 11°56'15"E, 14-x-2002, leg Lodovici & Pantini P; deposited in the Bergamo Natural History Museum, Italy Italy)

*Chaetopteryx nalanae* F Sipahiler, 1996 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Turkey)

*Chaetopteryx polonica* J Dziedzielewicz, 1889 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Poland)

*Chaetopteryx rugulosa* F Kolenati, 1848 (Subspecies of *Chaetopteryx rugulosa*, including *Chaetopteryx rugulosa mecsenkensis* S Nogradi, *Chaetopteryx rugulosa noricum* H Malicky, and *Chaetopteryx rugulosa schmidi* L Botosaneanu, as new combinations by H Malicky, 2005, Linzer biol Beitr 37(1): 573)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791 Yugoslavia (Dalmatia))

*Chaetopteryx rugulosa mecsenkensis* S Nogradi, 1986 (~*rugulosa* F Kolenati, 1848, Gen Spec Trich 1: 33, 73)

*Chaetopteryx rugulosa noricum* H Malicky, 1976 (~*rugulosa* F Kolenati, 1848, Gen Spec Trich 1: 33, 73)

*Chaetopteryx rugulosa schmidi* L Botosaneanu, 1957 (~*rugulosa* F Kolenati, 1848, Gen Spec Trich 1: 33, 73)

*Chaetopteryx sahlbergi* R McLachlan, 1876 : PA (Biogeography and morphological variations of genitalia described by K Majecka & B Szczesny, 2005, Proc Internatn Symp Trichoptera 11: 253-259)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Finland, Russia (Northwest))

*Chaetopteryx sahlbergi minor* J Dziedzielewicz, 1920 (~*sahlbergi* R McLachlan, 1876, Rev Syn p 195, pl 21 f 1-8)

*Chaetopteryx stankovici* M Marinkovic-Gospodnetic, 1966 (Serbia)

*Chaetopteryx subradiata* F Klapalek, 1907 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Carpathians)

*Chaetopteryx trinacriae* L Botosaneanu, F Cianficconi, & GP Moretti, 1986 (Distribution discussed by O Lodovici & M Valle, 2007, Braueria 34: 15)

Endemic to geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sicily))

*Chaetopteryx villosa* (JC Fabricius, 1798) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Nervous system, behavioral effects of piracetam by AN Inozemtsev & VA Nepomnyashchikh, 1995, Zhurn Vyshei Nervnoi Deyatel'nosti Imeni I P Pavlova 45(6): 1211-1213

Larval abdominal segment IX illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 106

Evolutionary adaptation, hard particle selection for case building by larva, simulation model by VA Nepomnyashchikh, 1998, P 5th Internatn Conf Simulation Adaptive Behavior, MIT Press, Cambridge, Massachusetts, p ?

Relation of summer diapause with prediapause feeding rate and emergence described by J Majecki, 1999, P Internatn Symp Trich 9: 193-198

Effects of behavioral variability on optimization of larval behavior, KA Podgorny & VA Nepomnyashchikh, 1999, Uspekhi Sovremennoi Biologii 119(3): 218-222

Sex differences, abundance, distribution within habitat, and temperature relations reported by R Wagner, XXXX????, Archiv fuer Hydrobiologie 154(3): 393-411

Population size in Breitenbach of Germany reported by R Wagner, 2002, Nova Supplementa Entomologica 15: 607-616

Reported from Poland by J Majecki & K Majecka, 2002, Acta Universitatis Lodziensis Folia Biologica et Oecologica 1: 113-121

Case building behavior discussed by VA Nepomnyashchikh, 2003, Zhurnal Obshechi Biologii 64(1): 45-54

Biogeography and morphological variations of genitalia described by K Majecka & B Szczesny, 2005, Proc Internatn Symp Trichoptera 11: 253-259

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Sweden)

*Phryganea villosa* JC Fabricius, 1798

Syn.: *Chaetopteryx fusca* J Sahlberg, 1894

Syn.: *Phryganea tuberculosa* FJ Pictet, 1834

*Chaetopteryx villosa gonzalezai* L Botosaneanu, 1980 (

~villosa (JC Fabricius, 1798, Ent Syst Suppl p 200-201), Phryganea)

*Chaetopteryx vulture* H Malicky, 1971 (Distribution discussed by O Lodovici & M Valle, 2007, Braueria 34: 15

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

### ***Charadropsyche* OS Flint, 1970**

*Charadropsyche penicillata* OS Flint, 1970 : NT (Larva and pupa described, adults redescribed by OS Flint, 1999, P Internatn Symp Trich 9: 99-105 Chile)

### ***Chathamia* RJ Tillyard, 1925**

*Chathamia brevipennis* RJ Tillyard, 1925 : AU (New Zealand (Chatham Islands))

*Chathamia integripennis* EF Riek, 1977 : AU (New Zealand)

### ***Cheimacheramus* KH Barnard, 1934**

*Cheimacheramus caudalis* KH Barnard, 1934 : AT (Republic of South Africa)

*Cheimacheramus rossi* KA Johanson & J Olah, 2006 : AT (Male described originally near

*Cheimacheramus caudalis* KH Barnard Holotype--Male; MADAGASCAR: Sa Mandraka, Province Tamatave, x-1956, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

### ***Cheumatopsyche* HDJ Wallengren, 1891**

#### **subgenus *Abacarioides* G Marlier, 1961**

*Cheumatopsyche (Abacarioides) leleupi* G Marlier, 1961 : AT (Forewing illustrated, male genitalia and forewing re-described, belonging in the Cheumaopsyche chinensis Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 152 Democratic Republic of the Congo)

*Cheumatopsyche (Abacarioides) sexfasciata* (G Ulmer, 1904) : AT (Male forewing illustrated, occurring in Cameroon, Congo, and Ghana and belonging in the Cheumatopsyche dubitans Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 63-64, f 107

New records from Cameroon, Ethiopia, Liberia, and Ivory Coast, belonging in the Cheumatopsyche dubitans Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 195 Cameroon)

*Hydropsyche sexfasciata* G Ulmer, 1904  
Syn.: *Hydropsychodes striata* S Jacquemart, 1959

**subgenus *Achirocentra* G Marlier, 1961**

*Cheumatopsyche (Achirocentra) aterrима* G Marlier, 1961 : AT (Classified in the *Cheumatopsyche* (*Cheumatopsyche*) *lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 20, 162 Holotype; mounted on a microscope slide without an abdomen; deposited in the Musee Royal de l'Afrique Centrale, Tervuren, Belgium (J Olah, KA Johanson, & PC Barnard, 2007, *Zootaxa* 1738: 20) Democratic Republic of the Congo)

**subgenus *Cheumatopsyche* HDJ Wallengren, 1891**

*Cheumatopsyche (Cheumatopsyche) abhugna* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche excisa* Group near *Cheumatopsyche capronita* H Malicky Holotype--Male; MYANMAR: NE Kambaiti, 7000 ft, 20-v-1934, R Malaise; in alcohol; deposited in The Natural History Museum, London, United Kingdom Myanmar-Burma)

*Cheumatopsyche (Cheumatopsyche) acuminata* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche (Cheumatopsyche) lepida* Group near *Cheumatopsyche camerunica* J Olah, KA Johanson, & PC Barnard Holotype--Male; CONGO: Kindamba, Meya, Loudo River, 12-xi-1963, light [S Endrly]; in alcohol; deposited in the Natural History Museum, Budapest, Hungary Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsyche) addita* (L Navas, 1916) (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157 Japan)

*Hydropsychodes addita* L Navas, 1916

*Cheumatopsyche (Cheumatopsyche) admetos* H Malicky & P Chantaramongkol, 1996 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) holzschuhi* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 12-13, 162 Thailand)

*Cheumatopsyche (Cheumatopsyche) agnetae* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche (Cheumatopsyche) lepida* Group near *Cheumatopsyche criseyde* J Olah & KA Johanson and *Cheumatopsyche kim* J Olah & KA Johanson Holotype--Male; [PEOPLE'S REPUBLIC OF CHINA]: Hong Kong, Sai Kung East Country Park, stream 500 m N Tai Mun Shan Mt, at Tai Long Au, Malaise trap, loc 1, 20-27-v-2005 [A Olsson & E Ohlsson]; in alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden People's Republic of China (Hong Kong))

*Cheumatopsyche (Cheumatopsyche) akisena* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche maculipennis* G Ulmer Holotype--Male; MALAYSIA: Borneo, Sabah, Sipitang, Mendolong Nersery, 5-iv-1988, light, S Adebratt; in alcohol; deposited in the Swedish Museum of Natural History, Stokholm, Sweden Malaysia (Sabah))

*Cheumatopsyche (Cheumatopsyche) alampeta* A Neboiss, 2002 : AU (Male and female described originally Holotype--Male; Australia: Tasmania, Derwent River, 2 km NW of Derwent Bridge, 12 Feb 1971, A Neboiss; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Cheumatopsyche (Cheumatopsyche) albocincta* (N Banks, 1937) : OL (Forewing illustrated, placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 86, f 204 Philippines)

*Hydropsychodes albocincta* N Banks, 1937

*Cheumatopsyche (Cheumatopsyche) albofasciata* (R McLachlan, 1872) (Male genitalia illustrated by K Kumanski, 1992, *Ins Koreana* 9: 68-69, g 48-51)

Classified in the *Cheumatopsyche (Cheumatopsyche) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 50, 163 Russia (southeastern Siberia))

*Hydropsyche albofasciata* R McLachlan, 1872

*Cheumatopsyche (Cheumatopsyche) albomaculata* (G Ulmer, 1905) : AT (Forewing illustrated, belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 146-147, f 206 Democratic Republic of the Congo)

*Hydropsychodes albomaculata* G Ulmer, 1905

*Cheumatopsyche (Cheumatopsyche) alfierii* (L Navas, 1927) (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157 Egypt)

*Hydropsychodes alfierii* L Navas, 1927

*Cheumatopsyche (Cheumatopsyche) amboinica* (L Navas, 1928) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157 Africa)

("Amboni"))

*Hydropsychodes amboinica* L Navas, 1928

*Cheumatopsyche (Cheumatopsyche) amurensis* AV Martynov, 1934 (Belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 147 Russia (southeastern Siberia))

Syn.: *Hydropsychodes uenoi* M Tsuda, 1941

*Cheumatopsyche (Cheumatopsyche) analis* (N Banks, 1903) : NA (Nomen dubium according to AE Gordon, 1974, *Proceedings Acad nat Sci Philad* 126(9): 143;

Larva distinguished from that of *Cheumatopsyche campyla* HH Ross by MH Smith, 1984, *Journal of the New York Entomological Society* 92(4): 407-410

A valid name according to RL Hoffman & CR Parker, 1997, *Banisteria* 9: 21

Biochemical variation, allozymes, geographic distribution relations, gene flow potential, congeneric species (as *Cheumatopsyche pettiti*) provided by GR Plague & JV McArthur, 1998 ("1997-1998"), *Hydrobiologia* 362: 1-8;

New records from Hawaii and arguments for retaining this name provided by OS Flint, RA Englund, & B Kumashiro, 2003, *Bishop Mus Occas Papers* 73: 35, 37, f 11-12

Effects of stream diversion on density and biomass in Hawaii provided by MD McIntosh, ME Benbow, & AJ Burky, 2003, *Ann Limnol* 39(4): 297-306;

Life cycle provided by RE Zuellig, BC Kondratieff, & RA Thorp, 2004, *Western N Amer Naturalist* 64(4): 497-502;

Life history and production discussed by S Alexander & LA Smock, 2005, *Northeastern Naturalist* 12(4): 433-446

Occurrence in springs and spring-runs on Edwards Plateau, Texas, as *Cheumatopsyche pettiti* by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Hydropsyche analis* N Banks, 1903

Syn.: *Cheumatopsyche pettiti* N Banks, 1908

*Cheumatopsyche (Cheumatopsyche) anema* G Marlier, 1959 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lestoni* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 48, 163 Sao Tome)

*Cheumatopsyche (Cheumatopsyche) angusta* (G Ulmer, 1930) : OL (Male re-illustrated by H Malicky, 1997, *Linzer biologische Beitrage* 29: 1019, pl XXXX

Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 86

Listed as a synonym of *Cheumatopsyche lucida* G Ulmer by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 178

Indistinguishable from *Cheumatopsyche cognita* G Ulmer and *Cheumatopsyche lucida* G Ulmer, reported from India (Nicobar), Vietnam, Indonesia (Bali), and The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 12, 15 Indonesia (Java))

*Hydropsychodes angusta* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsyche) anonima* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche expeditionis* Species Group near *Cheumatopsyche nathanbanksi* W Mey and *Cheumatopsyche longinosnavasi* W Mey Holotype--Male; PHILIPPINES: Thru Miss Ludlow, Phil I Philippines)

*Cheumatopsyche (Cheumatopsyche) anthracias* W Mey, 1996 : OL (Male described originally in the *Cheumatopsyche (Cheumatopsyche) lepida* Group

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31 Vietnam)

*Cheumatopsyche (Cheumatopsyche) antoniensis* H Malicky, 1982 (Belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 155 Cape Verde Islands)

*Cheumatopsyche (Cheumatopsyche) aphantia* HH Ross, 1938 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) apicata* (L Navas, 1931) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157 Democratic Republic of the Congo)

*Hydropsychodes apicata* L Navas, 1931

*Cheumatopsyche (Cheumatopsyche) arizonensis* (S Ling, 1938) : NA (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Hydropsychodes arizonensis* S Ling, 1938

Syn.: *Cheumatopsyche zion* HH Ross, 1947

*Cheumatopsyche (Cheumatopsyche) asaha* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche timgulile* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Tananarive Province, Ampefy, Soavinandrinana, iii-1957, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) automedon* H Malicky & P Chantaramongkol, 1997 :

OL (Classified in the *Cheumatopsyche (Cheumatopsyche) holzschuhi* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 13, 162 Thailand)

*Cheumatopsyche (Cheumatopsyche) banaueensis* W Mey, 1995 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 41, 163 Philippines)

*Cheumatopsyche (Cheumatopsyche) banksi* ME Mosely, 1942 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand, Vietnam, Nepal, Indonesia (Sumatra), and China according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Holotype--Male: PEOPLE'S REPUBLIC OF CHINA: "Foochow" 1935-1937, MS Yang; deposited in The Natural History Museum, London, United Kingdom China (Fuzhou))

*Cheumatopsyche (Cheumatopsyche) bardiana* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 86 Nepal (Laos People's Democratic Republic according to J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 86))

*Cheumatopsyche (Cheumatopsyche) bhatrapura* H Malicky, 1979 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 20, 162 India (Andaman Islands))

*Cheumatopsyche (Cheumatopsyche) bibbensis* AE Gordon, SC Harris, & PK Lago, 1986 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) bifida* B Statzner, 1975 : AT (

Classified in the *Cheumatopsyche (Cheumatopsyche) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 50, 163 Central African Republic)

*Cheumatopsyche (Cheumatopsyche) boettgeri* B Statzner, 1975 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008,

Zootaxa 1738: 20, 162 Central African Republic)

*Cheumatopsyche (Cheumatopsyche) bohakayi* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche* expeditionis Group Holotype--Male; MADAGASCAR: Andringitra, Soanindrano 2070 m, 15-i-1958; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) brazzana* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche* chinensis Group near *Cheumatopsyche punctata* S Jacquemart and *Cheumatopsyche lesnei* (ME Mosely) Holotype--Male; REPUBLIC OF THE CONGO: Brazzaville, 20-xii-1963, light, J Balogh & A Zicsi; in alcohol; deposited in the Natural History Museum, Budapest, Hungary Republic of the Congo)

*Cheumatopsyche (Cheumatopsyche) brevilineata* (M Iwata, 1927) (Enzyme polymorphism described by Y Hayashi, 1998, *Rikusuigaku zasshi Jap J Limnol* 59: 175-183)

Distribution and environmental factors in Tamagawa River system reported by Y Hayashi, K Machida, & SJ Yun, 2001, *Japanese Journal of Limnology* 62(1): 51-59

Cuticular hydrocarbons characterized by H Nishimoto, M Nakabou, and K Tanida, 2002, *Proc Internatn Symp Trich* 10: 205-210

Drift behavior discussed by S Mochizuki, Y Kayaba, & K Tanida, 2006, *Limnology* 7: 93-102

Larval growth and development discussed by S Mochizuki, Y Kayaba, & K Tanida, 2006, *Entomol Sci* 9: 129-136

Effects of interspecific competition discussed by R Chubachi, 2006, *Tokushima Daigaku So-go Kagakubu Shizen Kagaku Kenkyu* 20: 15-24

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Distributed in Japan (Honshu, Shikoku, Kyushu) according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101

Holotype male redescribed, reported from Russia (Khabarovsk) and Japan (Honshu), classified in the *Cheumatopsyche (Cheumatopsyche) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 50, 163, f 123-126

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, *Proceedings of the 6th International Conference on Urban Pests*, pp 259-266

Reported from Japan (Nagoya) by T Nozaki, 2010, *Nature of Irrigation Pond* 49: 22 Holotype--Male; JAPAN: Nakawatsuka-mura, Kyoto-fu (collector T Kawanura, xii 1925), the reservoir of the city water-works of Kyoto (collector Yasuda, xii 1925); "Amur River Basin" according to J Olah, KA Johanson, & PC Barnard, 2007, *Zootaxa* 1738: 50 Japan)

*Hydropsyche brevilineata* M Iwata, 1927

Syn.: *Cheumatopsyche daurensis* VD Ivanov, 1996

*Cheumatopsyche (Cheumatopsyche) brevis* (G Ulmer, 1930) : OL (Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 86 Indonesia (Java))

*Hydropsychodes brevis* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsyche) brunnea* S Jacquemart, 1961 : AT (Male redescribed, classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group near *Cheumatopsyche sexfasciata* (G Ulmer) by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 20, 162, f 30-31, 47-50 Holotype--Female; CONGO; mounted on a single microscope slide; deposited in the Musee Royal de l'Afrique Centrale, Tervuren, Belgium (J Olah, KA Johanson, PC Barnard, 2007, *Zootaxa* 1738: 20) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsyche) burgeonia* (L Navas, 1931) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 158 Democratic

Republic of the Congo)

*Hydropsychodes burgeonia* L Navas, 1931

*Cheumatopsyche* (*Cheumatopsyche*) *burksi* HH Ross, 1941 : NA (United States of America)

*Cheumatopsyche* (*Cheumatopsyche*) *cahaba* AE Gordon, SC Harris, & PK Lago, 1986 : NA (United States of America)

*Cheumatopsyche* (*Cheumatopsyche*) *caieta* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Thailand and Vietnam, belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 148-149 Thailand)

*Cheumatopsyche* (*Cheumatopsyche*) *calawagana* W Mey, 1995 : OL (Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 86 Philippines)

*Cheumatopsyche* (*Cheumatopsyche*) *camena* H Malicky, 1997 : OL (Placed in the *Cheumatopsyche columnata* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 94

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Cheumatopsyche* (*Cheumatopsyche*) *camerunica* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche* (*Cheumatopsyche*) *lepida* Group near *Cheumatopsyche afra* (ME Mosely) and especially *Cheumatopsyche sexfasciata* (G Ulmer) Holotype--Male; CAMEROON: Ekona, at light, 22-iv-1938 [H Buhr]; in alcohol; deposited in the Humboldt-Universitat zu Berlin, Museum fuer Naturkunde, Berlin, Germany Cameroon)

*Cheumatopsyche* (*Cheumatopsyche*) *camilla* H Malicky, 1997 : OL (Male forewing redescribed, classified in the *Cheumatopsyche* (C) *expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 42, 163, f 99

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Cheumatopsyche* (*Cheumatopsyche*) *campyla* HH Ross, 1938 : NA (Larva distinguished from that of *Cheumatopsyche analis* (N Banks) by MH Smith, 1984, Journal of the New York Entomological Society 92(4): 407-410

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Cheumatopsyche* (*Cheumatopsyche*) *capitata* L Navas, 1936 : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 158 China (Sichuan))

*Cheumatopsyche* (*Cheumatopsyche*) *capitella* (AV Martynov, 1927) : PA (Reported from Iran by A Mirmoayeddi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Male re-illustrated and diagnosed from *Cheumatopsyche persica* W Mey by W Mey, 2004, Entomol Nachrichten Berichte 48(2): 82, f 1-2, 9

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from India by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 22

Classified in the *Cheumatopsyche* (*Cheumatopsyche*) *lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 22, 162

Reported from Iran, belonging in the *Cheumatopsyche lepida* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 180 Turkestan)

*Hydropsyche capitella* AV Martynov, 1927

*Cheumatopsyche* (*Cheumatopsyche*) *caprotina* H Malicky, 1997 : OL (Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 82

Distributed in Thailand and Indonesia (Sulawesi) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Indonesia (Sulawesi))



*Cheumatopsyche (Cheumatopsyche) carmentis* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Laos, belonging in the *Cheumatopsyche lepida* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 22, 162 Thailand)

*Cheumatopsyche (Cheumatopsyche) carna* H Malicky & P Chantaramongkol, 1997 : OL (Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 82 Thailand)

*Cheumatopsyche (Cheumatopsyche) ceramensis* W Mey, 1999 : AU (Male described originally near *Cheumatopsyche reticulata* N Banks)

Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 42, 163 Holotype--Male; Indonesia: Seram, Piljana, ca 500 m ue NN, 25-ii-1995, light trap, P Salk; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Seram))

*Cheumatopsyche (Cheumatopsyche) ceres* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Male re-illustrated by H Malicky, 2007, *Linzer biol Beitr* 39(1): 493, 496, pl 8

Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 82 Thailand)

*Cheumatopsyche (Cheumatopsyche) chariklo* H Malicky & P Chantaramongkol, 1997 : OL (Male right fore wing illustrated, classified in the *Cheumatopsyche lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 22, f 32 Thailand)

*Cheumatopsyche (Cheumatopsyche) charites* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Thailand, Malaysia, Vietnam, Laos Peoples Democratic Republic, placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 86-87)

Reported from Malaysia (Selangor), belonging in the *Cheumatopsyche costalis* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 204

Distributed in Thailand, Laos, and China according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Thailand)

*Cheumatopsyche (Cheumatopsyche) charybdis* H Malicky, 1997 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 42, 163 Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) cheesmanae* (DE Kimmins, 1962) : AU (Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 42-43, 163 Papua)

*Hydropsychodes cheesmanae* DE Kimmins, 1962

*Cheumatopsyche (Cheumatopsyche) chihonana* M Kobayashi, 1987 : OL (Male right fore wing and male genitalia illustrated, classified in the *Cheumatopsyche lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 22, 162, f 33, 55-58 Taiwan)

*Cheumatopsyche (Cheumatopsyche) chimaira* H Malicky, 1997 : OL (Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 87 Brunei)

*Cheumatopsyche (Cheumatopsyche) chinensis* (AV Martynov, 1930) : OL (Moved to *Cheumatopsyche* from *Hydropsychodes* by ME Mosely, 1939, *British Museum (Natural History)* 3(1): 27)

Male genitalia re-illustrated, reported from China (Sichuan) and Laos People's Democratic Republic, belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 150, f 357-360 Holotype; CHINA ("Chungking" = Chongqing, Sichuan); deposited in The Natural History Museum, London, United Kingdom (J Olah, JC Morse, C Sun, 2008, *Braueria* 35: 9) China (Sichuan))

*Hydropsychodes chinensis* AV Martynov, 1930

Syn.: *Cheumatopsyche banksi* ME Mosely, 1942

Syn.: *Potamyia parva* L Tian & Y Li, 1991

*Cheumatopsyche (Cheumatopsyche) chinensis maculipennis* AV Martynov, 1930 (Described as a form of *Hydropsychodes chinensis*;

~chinensis (AV Martynov, 1930, P Zool Soc London p 80-81, 109, f 24, 25a-c), Hydropsychodes

The epithet "maculipennis" is preoccupied in Hydropsychodes (and Cheumatopsyche) by G Ulmer, 1930, with priority to be determined)

*Cheumatopsyche (Cheumatopsyche) chione* H Malicky & P Chantaramongkol, 1997 : OL (Placed in the Cheumatopsyche columnata Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 94 Thailand)

*Cheumatopsyche (Cheumatopsyche) chlorogastra* (L Navas, 1932) : OL (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 158 India)

*Ulmeria chlorogastra* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) chryseis* H Malicky & P Chantaramongkol, 1997 : OL (Belonging to the Cheumatopsyche concava Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132 Thailand)

*Cheumatopsyche (Cheumatopsyche) chrysothemis* H Malicky & P Chantaramongkol, 1997 : OL (Belonging to the Cheumatopsyche concava Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132)

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Malaysia (Peninsular))

*Cheumatopsyche (Cheumatopsyche) clavalis* (AV Martynov, 1930) : OL (Classified in the Cheumatopsyche (Cheumatopsyche) dubitans Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 51, 163 Taiwan)

*Hydropsychodes clavalis* AV Martynov, 1930

*Cheumatopsyche (Cheumatopsyche) cocles* H Malicky & P Chantaramongkol, 1997 : OL (Classified in the Cheumatopsyche (Cheumatopsyche) lepida Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 23, 162 Thailand)

*Cheumatopsyche (Cheumatopsyche) cognita* (G Ulmer, 1951) : OL (See G Ulmer, 1957, Arch Hydrobiol Suppl 23: 455)

Male genitalia re-illustrated by H Malicky, 1997, Linzer biologische Beitrage 29: 1019, pl XXXX

Use as indicator species discussed by S Cheunbarn & P Chantaramongkol, 2005, Proc Internatn Symp Trich 11: 85-90

Placed in the Cheumatopsyche costalis Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 87

Listed as a synonym of Cheumatopsyche lucida G Ulmer by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 178 Indonesia (Java))

*Hydropsychodes cognita* G Ulmer, 1951

*Cheumatopsyche (Cheumatopsyche) columnata* AV Martynov, 1935 : OL (Male genitalia re-illustrated by H Malicky, 1997, Linzer biologische Beitrage 29: XXXX(1015-1055), pl XXXX

Reported from Yemen by H Malicky, 1999, Esperiana 7: 343-348

Listed in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 557

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from India and Pakistan, placed in the Cheumatopsyche columnata Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 94

*Cheumatopsyche copiosa* DE Kimmins was placed in the Cheumatopsyche columnata Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 95-96

Reported from Uganda, Ghana, Senegal, Ivory Coast, Sudan, India, Pakistan, Nepal, and Yemen, belonging in the Cheumatopsyche columnata Species Group according to J Olah & KA Johanson,

2008, Zootaxa 1802: 211 India)

Syn.: *Cheumatopsyche copiosa* DE Kimmins, 1956

*Cheumatopsyche (Cheumatopsyche) comis* SW Arnold & CR Arnold, 1961 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

Syn.: *Cheumatopsyche flinti* AE Gordon, 1974

*Cheumatopsyche (Cheumatopsyche) comorina* (L Navas, 1931) : AT (Redescribed by H Malicky, 1992, Annalen des Naturhistorischen Museums in Wien (B) 93: 143-160

Classified in the *Cheumatopsyche (Cheumatopsyche) pali* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 10, 162 Comoro Islands)

*Ulmeria comorina* L Navas, 1931

*Cheumatopsyche (Cheumatopsyche) concava* (G Ulmer, 1930) : OL (Belonging in the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Bali, Java, Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Indonesia (Sumatra))

*Hydropsychodes concava* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsyche) concordia* H Malicky, 1997 : OL (Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 87 Laos)

*Cheumatopsyche (Cheumatopsyche) congolana* J Olah & KA Johanson, 2008 : AT (Female described as *Hydropsychodes bimaculata* by S Jacquemart, 1967, Explor Parc natn Garamba miss H de Saeger no 51 1966: 45, figs

Replacement name for *Cheumatopsyche bimaculata* S Jacquemart, forewing and male genitalia illustrated and described, placed in the *Cheumatopsyche (Cheumatopsyche) lestoni* Group near *Cheumatopsyche tenerima* G Marlier Democratic Republic of the Congo)

Syn.: *Hydropsychodes bimaculata* S Jacquemart, 1967

*Cheumatopsyche (Cheumatopsyche) contexta* G Ulmer, 1951 : OL (Placed in the *Cheumatopsyche columnata* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 94

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Cheumatopsyche (Cheumatopsyche) copia* H Malicky & P Chantaramongkol, 1997 : OL (Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Malaysia (Perak) and Thailand, belonging to the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132

Reported from Vietnam, belonging in the *Cheumatopsyche concava* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 225

Thailand)

*Cheumatopsyche (Cheumatopsyche) copiosa* DE Kimmins, 1956 : AT (Placed in the *Cheumatopsyche columnata* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 95-96 Uganda)

*Cheumatopsyche (Cheumatopsyche) cornix* H Malicky, 1997 : OL (Additional specimens with four stout spines on the apicoventral lobes of segment IX, belonging to the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132 Malaysia (Peninsular))

*Cheumatopsyche (Cheumatopsyche) costalis* (N Banks, 1913) : OL (Male genitalia re-illustrated by W Mey, 1997, Proceedings of the International Symposium on Trichoptera 8: XXX(303-308), f XX

Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 87

Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12,

15 Philippines)

*Hydropsychodes costalis* N Banks, 1913

*Cheumatopsyche (Cheumatopsyche) cressida* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 132 Nepal)

*Cheumatopsyche (Cheumatopsyche) criseyde* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Laos, classified in the *Cheumatopsyche lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 23-24, 162 Thailand)

*Cheumatopsyche (Cheumatopsyche) curvata* AV Martynov, 1935 : OL (Male re-illustrated, classified in the *Cheumatopsyche (C) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 24, 162, f 59-62

Reported from India, belonging in the *Cheumatopsyche lepida* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 180 India)

*Cheumatopsyche (Cheumatopsyche) danae* H Malicky, 1998 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 24, 162 Laos)

*Cheumatopsyche (Cheumatopsyche) deani* A Neboiss, 2002 : AU (Male and female described originally Holotype--Male; Australia: Tasmania, Leven River, Heka, 17 Nov 1972, A Neboiss (male genitalia preparation PT-2235 illustrated); deposited in the Museum of Victoria, Melbourne, Australia (Australia (Tasmania))

*Cheumatopsyche (Cheumatopsyche) dhanikari* H Malicky, 1979 : OL (Belonging to the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 133

Reported from India, belonging in the *Cheumatopsyche concava* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 225

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India (Andaman Islands))

*Cheumatopsyche (Cheumatopsyche) diehli* H Malicky, 1997 : OL (Forewing illustrated, belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 150, f 207

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Cheumatopsyche (Cheumatopsyche) dison* H Malicky, 2009 : OL (Male described originally

In the original publication, illustrations of male genitalia on both pages 37 and 38 are labeled "pison," but those on p 37 are actually of *Cheumatopsyche dison* Holotype--Male; INDONESIA: Sumatra, Lampung Prov, Bukit Barisan Selatan National Park, 37 km W Kota Agung, 2 km W Sukaraja, 500 m, 10-iii-2000, leg P Schwendinger; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Cheumatopsyche (Cheumatopsyche) doan* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche (Cheumatopsyche) dubitans* Group near *Cheumatopsyche (C) dubitans* ME Mosely Holotype--Male; VIETNAM: Lam Dong Province, Baoloc, Baco stream, 26-x-1988, J Olah; in alcohol; deposited in the J Olah Private Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) dodan* H Malicky, 2009 : OL (Male described originally near *Cheumatopsyche niasensis* H Malicky Holotype--Male; INDONESIA: "Lombok, Mekaki, 50 m, 6-vii-1999, leg ?"; deposited in the Zoological Museum, Berlin, Germany Indonesia (Lombok))

*Cheumatopsyche (Cheumatopsyche) dostinei* JC Dean, 2001 : AU (Type range includes also Queensland and Western Australia Holotype--XXX?; AUSTRALIA: Northern Territory, Adelaide River, east of Stuart Highway Australia)

*Cheumatopsyche (Cheumatopsyche) dubitans* ME Mosely, 1942 : OL (Male forewing illustrated, reported from China (Fujian), Vietnam, and Laos People's Democratic Republic, classified in the *Cheumatopsyche (Cheumatopsyche) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 52-54, 164

Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 China (Fujian))  
*Cheumatopsyche (Cheumatopsyche) duma* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit 600 m, 21-22-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Cheumatopsyche (Cheumatopsyche) ebal* H Malicky, 2009 : AU (Male described originally

Reported from Papua New Guinea (St. Matthias Islands: Mussau; Bismark Archipelago: New Britain, Lavongai) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; [PAPUA NEW GUINEA]: Bismark Archipelago, Mussau Island, Talumalaus, 20-i-1962; deposited in the H Malicky Collection, Lunz am See, Austria Papua New Guinea (Bismark Archipelago))

*Cheumatopsyche (Cheumatopsyche) ecsedii* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche concava Group near Cheumatopsyche lolo J Olah & KA Johanson Holotype--Male; VIETNAM: Quang Nam Da Nang Province, Lo Xo Pass, 600 m, 16-ii-2006, light, J Olah Jr & Z Ecsedi; in alcohol; deposited in the J Olah Personal Collection, Debrecen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) edista* AE Gordon, 1974 : NA (biochemical variation, allozymes, geographic distribution relations, gene flow potential, congeneric species provided by GR Plague & JV McArthur, 1998 ("1997-1998"), Hydrobiologia 362: 1-8 United States of America)

*Cheumatopsyche (Cheumatopsyche) edom* H Malicky, 2009 : OL (Male described originally near Cheumatopsyche meyi H Malicky, Cheumatopsyche automedon H Malicky & P Chantaramongkol, and Cheumatopsyche admetos H Malicky & P Chantaramongkol Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20\*12'N, 104\*01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Cheumatopsyche (Cheumatopsyche) ehi* H Malicky, 2009 : OL (Male described originally near Cheumatopsyche gaia H Malicky, Cheumatopsyche chariklo H Malicky & P Chantaramongkol, & Cheumatopsyche criseyde H Malicky & P Chantaramongkol Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20\*12'N, 104\*01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Cheumatopsyche (Cheumatopsyche) ela* DG Denning, 1942 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) emas* CJ Geraci, 2008 : OL (Male described originally, near Cheumatopsyche charybdis H Malicky Holotype--Male; INDONESIA: Sulawesi Utara, Minahasa Selatan District, Tenga Village, Tenga River at Tenga Village bridge (01.06394\*N, 124.44313\*E), elevation 75 m, 11-xii-2004, coll CJ Geraci, MF Dien, C Rante; deposited in the United States National Museum of Natural, Smithsonian Institution, Washington, District of Columbia, United States of America Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) engor* J Olah & PC Barnard, 2008 : OL (Male described originally in the Cheumatopsyche concava Group near Cheumatopsyche zao J Olah & KA Johanson Holotype--Male; MALAYSIA: Perak, Temengor Lak, ix-x-1993, light, GS Robinson; in alcohol; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Cheumatopsyche (Cheumatopsyche) enigma* HH Ross, JC Morse, & AE Gordon, 1971 : NA (Described as species;

Considered a subspecies of *Cheumatopsyche harwoodi* DG Denning by AE Gordon, 1974, Proceedings Acad nat Sci Philad 126(9): 136, figs;

Treated as a distinct species by OS Flint, RL Hoffman, & CR Parker, 2004, Banisteria 24: 28 United States of America)

*Cheumatopsyche (Cheumatopsyche) enonis* HH Ross, 1938 : NA ( Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

Syn.: *Cheumatopsyche geolca* DG Denning, 1952

*Cheumatopsyche (Cheumatopsyche) erawan* H Malicky & P Chantaramongkol, 2009 : OL (Male and

female described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 200 m, 14°22'N, 99°08'E, 22-23-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) ernestheissi* H Malicky, 1997 : OL (Belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 156 Brunei)

*Cheumatopsyche (Cheumatopsyche) etrona* HH Ross, 1941 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) excisa* (G Ulmer, 1930) : OL (Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 82 Philippines)

*Hydropsychodes excisa* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsyche) expeditionis* (G Ulmer, 1938) : AU (Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 43, 163

New records from Papua New Guinea, belonging in the *Cheumatopsyche expeditionis* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 188 Papua New Guinea)

*Hydropsychodes expeditionis* G Ulmer, 1938

*Cheumatopsyche (Cheumatopsyche) explicanda* B Statzner, 1975 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lestoni* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 48, 163 Central African Republic)

*Cheumatopsyche (Cheumatopsyche) fahara* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche maculata* ME Mosely Holotype--Male; MADAGASCAR: Mahitsy, Chutes de Faharantsana, ix-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) fansipangensis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31

Belonging in the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 54 Vietnam)

*Cheumatopsyche (Cheumatopsyche) fausta* (L Navas, 1936) : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 158 China (Anhui))

*Hydropsychodes fausta* L Navas, 1936

*Cheumatopsyche (Cheumatopsyche) flavellata* W Mey, 2004 (Male described originally near *Cheumatopsyche lepida* (FJ Pictet)

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 24, 162 Holotype--Male; Iran, Chaharmahal-va-Bakhtiyari, Borujen, 6 km S Dorahun, 1850-2100 m, 12-vi-2002, leg A Kallies; deposited in the Museum of Natural History (Museum fuer Naturkunde), Berlin, Germany Iran)

*Cheumatopsyche (Cheumatopsyche) flavosulphurea* W Mey, 1998 : OL (Male redescribed, classified in the *Cheumatopsyche (Cheumatopsyche) holzschuhi* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 13, 162, f 24-28 Philippines)

*Cheumatopsyche (Cheumatopsyche) fusca* (L Navas, 1936) : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 158 China (Sichuan))

*Hydropsychodes fusca* L Navas, 1936

*Cheumatopsyche (Cheumatopsyche) gaia* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 24, 162 Nepal)

*Cheumatopsyche (Cheumatopsyche) galahittigama* (F Schmid, 1958) : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Sri Lanka and Pakistan, belonging in the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 136

Reported from India, belonging in the *Cheumatopsyche concava* Species Group according to J Olah &

KA Johanson, 2008, Zootaxa 1802: 226 Sri Lanka)

*Hydropsychodes galahittigama* F Schmid, 1958

*Cheumatopsyche (Cheumatopsyche) galapitikanda* (F Schmid, 1958) : OL (Male redescribed in the *Cheumatopsyche lepida* Group by J Olah, OS Flint, Jr, & KA Johanson, 2007, Braueria 34: 21-23, textfigs

Reported from Sri Lanka, belonging in the *Cheumatopsyche lepida* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 180 Holotype--Male; CEYLON: Central Province, Ulapane, 24-i-1954, F Schmid; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Hydropsychodes galapitikanda* F Schmid, 1958

*Cheumatopsyche (Cheumatopsyche) galloisi* (S Matsumura, 1931) (Cuticular hydrocarbons characterized by H Nishimoto, M Nakabou, and K Tanida, 2002, Proc Internatn Symp Trich 10: 205-210

Use of esterase zymograms to associate larval and adults stages by Y Hayashi & SJ Yun, 1999, Jap J Limnol 60(3): 379-384

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Male fore wing and genitalia re-illustrated, classified in the *Cheumatopsyche (C) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 25, 162, f 35, 63-66

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Hydromanicus galloisi* S Matsumura, 1931

*Cheumatopsyche (Cheumatopsyche) galumata* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche (C) expeditionis* Group near *Cheumatopsyche longinosnavasi* W Mey Holotype--Male; PHILIPPINES: Mindanao, Mt Katanglad, 1-ii-2000, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Philippines (Mindanao))

*Cheumatopsyche (Cheumatopsyche) garulupota* J Olah, OS Flint, Jr, & KA Johanson, 2007 : OL (Male described originally in the *Cheumatopsyche lepida* Group near *Cheumatopsyche galapitikanda* (F Schmid) Holotype--Male; CEYLON: Kandy District, Garulupota near Hasalaka, 800 ft, 22-xi-1970, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Cheumatopsyche (Cheumatopsyche) gelita* DG Denning, 1952 : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Cheumatopsyche (Cheumatopsyche) geora* DG Denning, 1948 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) georgulmeri* W Mey, 1998 : OL (Male described originally, related to *Cheumatopsyche saltorum* W Mey and *Cheumatopsyche comptaria* W Mey

Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 83

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Cheumatopsyche (Cheumatopsyche) gibbsi* B Statzner, 1984 : AT (Male genitalia re-illustrated, reported from Ghana, belonging in the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 54

Reported from Cameroon, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 192-193 Ivory Coast)

*Cheumatopsyche (Cheumatopsyche) globosa* (G Ulmer, 1910) : OL (Use as indicator species discussed by S Cheunbarn & P Chantaramongkol, 2005, Proc Internatn Symp Trich 11: 85-90

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Nepal, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Type locality reported as Taiwan, classified in the Cheumatopsyche (C) lepida Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 26, 162

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 24

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Java))

*Hydropsyche globosa* G Ulmer, 1910

*Cheumatopsyche (Cheumatopsyche) gordonae* PK Lago & SC Harris, 1983 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) gracilis* (N Banks, 1899) : NA (United States of America)

*Hydropsyche gracilis* N Banks, 1899

*Cheumatopsyche (Cheumatopsyche) guadunica* Y Li, 1988 : OL (Placed in the Cheumatopsyche excisa Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 83 China (Fujian))

*Cheumatopsyche (Cheumatopsyche) guerneana* L Navas, 1916 (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 158-159 Japan)

*Cheumatopsyche (Cheumatopsyche) gyra* HH Ross, 1938 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) hageni* J Olah, OS Flint, Jr, & KA Johanson, 2007 : OL (Male described originally in the Cheumatopsyche lepida Group near Cheumatopsyche galapitikanda (F Schmid) Holotype--Male; CEYLON: Kandy District, Jambugastenne, near Laksapana, 1000 ft, 27-ix-1970, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Cheumatopsyche (Cheumatopsyche) halima* DG Denning, 1948 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) harwoodi* DG Denning, 1948 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) helma* HH Ross, 1939 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) hippolyte* H Malicky, 1997 : OL (Male redescribed from Ceylon (Sri Lanka) in the Cheumatopsyche lepida Group near Cheumatopsyche galapitikanda F Schmid and Cheumatopsyche tunmodera J Olah, OS Flint, Jr, & KA Johanson by J Olah, OS Flint, Jr, & KA Johanson, 2007, Braueria 34: 25, textfigs

New records from Iran, belonging in the Cheumatopsyche lepida Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 180-181 Sri Lanka)

*Cheumatopsyche (Cheumatopsyche) hoasena* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche costalis Group near Cheumatopsyche bardiana H Malicky Holotype--Male; VIETNAM: Hanoi, West Lake, 28-x-1986, light, J Olah; in alcohol; deposited in the J Olah Personal Collection Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) holzschuhi* H Malicky, 1997 : OL (Spelled Cheumatopsyche hozschuhi in Zoological Record 134: 471

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Classified in the Cheumatopsyche (Cheumatopsyche) holzschuhi Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 13, 162 Vietnam)

*Cheumatopsyche (Cheumatopsyche) incomptaria* W Mey, 1998 : OL (Belonging in the Cheumatopsyche concava Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 136 Philippines)

*Cheumatopsyche (Cheumatopsyche) indica* (L Navas, 1932) : OL (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 India)

*Hydropsychodes indica* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) infascia* AV Martynov, 1934 (Enzyme polymorphism described by Y Hayashi, 1998, Rikusuigaku zasshi Jap J Limnol 59: 175-183

Distribution and environmental factors in Tamagawa River system reported by Y Hayashi, K Machida, & SJ Yun, 2001, Japanese Journal of Limnology 62(1): 51-59

Cuticular hydrocarbons characterized by H Nishimoto, M Nakabou, and K Tanida, 2002, Proc



Internatn Symp Trich 10: 205-210

Recorded from Hokkaido by T Ito, A Ohkawa, M Uenishi, & N Kuhara, 1999, Biol Inland Waters 14: 16-27

Geographical variation of esterase isozymes studied by Y Hayashi & S-J Yun, 2002, Biogeography 4:1-6

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Russia (Khabarovsk Territory, Primorye), classified in the Cheumatopsyche (C) lepida Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 28

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu), Russia (Sakhalin, Far East), Korea according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266

Reported from China, belonging in the Cheumatopsyche lepida Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 181 Russia (southern Far East))

*Cheumatopsyche (Cheumatopsyche) jacquemarti* J Olah & KA Johanson, 2008 : AT (Nomen novum, male re-described in the Cheumatopsyche dubitans Group by J Olah & KA Johanson, 2008, in J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 54-55, f 135-138 Republic of South Africa)

Syn.: *Hydropsychodes brunnea* S Jacquemart, 1963

*Cheumatopsyche (Cheumatopsyche) jaekam* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Sai Yok National Park, 100 m, 14°26'N, 098°51'E, 15-17-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) japonica* (L Navas, 1916) (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 Japan)

*Hydropsychodes japonica* L Navas, 1916

*Cheumatopsyche (Cheumatopsyche) jebus* H Malicky & W Mey, 2011 : AU (Male described originally near *Cheumatopsyche camilla* H Malicky Holotype--Male; INDONESIA: Molukken, Insel Bacan, Mt Sibela, 2-13-ii-1996, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Bacan))

*Cheumatopsyche (Cheumatopsyche) jiriana* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Myanmar, classified in the Cheumatopsyche (C) lepida Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 28 Nepal)

*Cheumatopsyche (Cheumatopsyche) junolahi* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche chinensis Group near *Cheumatopsyche schwendingeri* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 700 m, 22-ii-2006, light trap, J Olah Jr & Z Ecsedi; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) kahat* H Malicky & P Chantaramongkol, 2009 : OL (Male

described originally Holotype--Male; THAILAND: Putoei National Park, Ban Huai Hindam, 400 m, 14°57'N, 099°25'E, 26-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) kakaduensis* JC Dean, 2001 : AU (Holotype--XXX?; AUSTRALIA: Northern Territory, Kakadu National Park, Radon Springs, Gulungul Creek Australia)

*Cheumatopsyche (Cheumatopsyche) kala* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche copiosa* DE Kimmins Holotype--Male; MADAGASCAR: Mt Tsaratanana, 1700 m, x-1950, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) kali* CJ Geraci, 2008 : OL (Male described originally, near *Cheumatopsyche praepilata* CJ Geraci Holotype--Male; INDONESIA: Sulawesi Utara Province, Minahasa District, Kali Village, Tondono River basin, tributary of Kali Stream across from entrance to Kali waterfall trail (01.39565°N, 124.84271°E), elevation 375 m, 8-xii-2004, coll CJ Geraci, MF Dien; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) kebumena* H Malicky, 1997 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 28, 162 Indonesia (Java))

*Cheumatopsyche (Cheumatopsyche) kenan* H Malicky & W Mey, 2011 : OL (Male described originally Holotype--Male; MALAYSIA: Kalimantan, Kewah, Tumbang Korik, 28-i-1996, leg Kallies; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Kalimantan))

*Cheumatopsyche (Cheumatopsyche) kim* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche (C) lepida* Group near *Cheumatopsyche criseyde* H Malicky Holotype--Male; VIETNAM: Ha Son Binh Province, Hoa Binh, 8 km to Dabac, 31-i-1986, light, J Olah; in alcohol; deposited in the J Olah Private Collection, Debrecen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) kindamba* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche dubitans* Group near *Cheumatopsyche gibbsi* B Stanzner Holotype--Male; CONGO: Brazzaville-Congo, Kindamba, Meya, 11-xi-1963, light, J Balogh & A Zicsi; in alcohol; deposited in the Natural History Museum, Budapest, Hungary Congo)

*Cheumatopsyche (Cheumatopsyche) kinlockensis* AE Gordon, SC Harris, & PK Lago., 1986 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) kirimaduwa* (F Schmid, 1958) : OL (Belonging in the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 136 Sri Lanka)

*Hydropsychodes kirimaduwa* F Schmid, 1958

*Cheumatopsyche (Cheumatopsyche) kraepelini* (G Ulmer, 1905) : OL (Male genitalia re-illustrated by H Malicky, 1997, Linzer biologische Bietrage 29: XXXX(1015-1055), pl XXXX

Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 89

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java)

*Hydropsychodes kraepelini* G Ulmer, 1905

*Cheumatopsyche (Cheumatopsyche) krugerana* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche chinensis* Group near *Cheumatopsyche brazzana* J Olah & KA Johanson Holotype--Male; SOUTH AFRICA: Kruger National Park, Pretoriuskop, 20-21-i-1968, PJ Spangler; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America South Africa)

*Cheumatopsyche (Cheumatopsyche) kumasa* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche dubitans* Group near *Cheumatopsyche akana* B Stanzner Holotype--Male; GHANA: Kumasi, 4-ii-1968, S Endroedy; in alcohol; deposited in the Natural History Museum, Budapest, Hungary Ghana)

*Cheumatopsyche (Cheumatopsyche) kuranishii* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche expeditionis* Species Group near *Cheumatopsyche anomina* J Olah & KA Johanson Holotype--Male; PHILIPPINES: Mindanao PI Mont Apo School, 15 km SW Davao, 500 m, 2-31-x-1965, D Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Philippines)

*Cheumatopsyche (Cheumatopsyche) kysonia* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche songbua* J Olah & KA

Johanson Holotype--Male; VIETNAM: Ha Son Binh Province, Hoa Binh, 12 km to Dabac, 30-i-1986, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)  
*Cheumatopsyche (Cheumatopsyche) langsonina* L Navas, 1933 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 Vietnam)

*Cheumatopsyche (Cheumatopsyche) lasia* HH Ross, 1938 : NA ( Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Cheumatopsyche (Cheumatopsyche) lebasi* (L Navas, 1932) : OL (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 India)

*Ulmeria lebasi* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) lepida* (FJ Pictet, 1834) (Larva diagnosed by P Wiberg-Larsen, 1980, Entomol Meddr 47: 125-140, f 4-5, 32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 212

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Evaluation of gill abnormalities for organochlorine pollution by K-M Vuori & JVK Kukkonen, 2002, Freshwater Biology 47(7): 1297-1306

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Male re-illustrated and diagnosed from *Cheumatopsyche flavellata* W Mey by W Mey, 2004, Entomol Nachrichten Berichte 48(2): 82, f 10-11

Degree of intolerance score (DIS) of 6.86 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Siberia (Chita Region) (first record for eastern Siberia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 30, 162

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported by MT Greenwood, 2008, Braueria 35: 21 Switzerland)

*Hydropsyche lepida* FJ Pictet, 1834

Syn.: *Catagapetus? nigra* L Navas, 1916  
 Syn.: *Hydropsyche angustata* FJ Pictet, 1834  
 Syn.: *Hydropsyche varia* P Rambur, 1842  
 Syn.: *Hydropsyche ventralis* J Curtis, 1836  
 Syn.: *Hydropsychodes atlantis* L Navas, 1930  
 Syn.: *Tinodes albipunctatus* JF Stephens, 1836  
*Cheumatopsyche (Cheumatopsyche) lestoni* DG Gibbs, 1973 : AT (Classified in the Cheumatopsyche (Cheumatopsyche) lestoni Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 48, 163 Ghana)  
*Cheumatopsyche (Cheumatopsyche) logani* AE Gordon & SD Smith, 1974 : NA (United States of America)  
*Cheumatopsyche (Cheumatopsyche) lolo* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche concava Group near Cheumatopsyche copia H Malicky Holotype--Male; VIETNAM: Lam Dong Province, Baoloc, Baco stream, 26-x-1988, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrecen, Hungary Vietnam)  
*Cheumatopsyche (Cheumatopsyche) longiclasper* Y Li, 1988 : OL (Belonging to the Cheumatopsyche dubitans Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 60 China (Fujian))  
*Cheumatopsyche (Cheumatopsyche) longinosnavasi* W Mey, 1998 : OL (Male described originally, related to Cheumatopsyche nathanbanski W Mey  
 Classified in the Cheumatopsyche (Cheumatopsyche) expeditionis Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 45, 163 Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, 10-4-1995, netted in the daytime on a small brook, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))  
*Cheumatopsyche (Cheumatopsyche) lucida* (G Ulmer, 1907) : OL (Placed in the Cheumatopsyche costalis Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 89-90  
 Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179  
 Reported from India (Nocobar), Thailand, Vietnam, Indonesia (Sumatra, Java, Bali), The Philippines (Tawi Tawi, Romblon: Sibuyan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Indonesia (Java)  
*Hydropsychodes lucida* G Ulmer, 1907  
*Cheumatopsyche (Cheumatopsyche) macentae* FM Gibon, W Guenda, & B Coulibaly, 1994 : AT (Belonging to the Cheumatopsyche dubitans Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 60 Burkina Faso)  
*Cheumatopsyche (Cheumatopsyche) maculata* (ME Mosely, 1934) : AT (Original drawings of Cheumatopsyche lateralis KH Barnard are of Cheumatopsyche afra (ME Mosely), belonging in the Cheumatopsyche columnata Group according to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 98-99 Republic of South Africa)  
*Hydropsychodes maculata* ME Mosely, 1934  
 Syn.: *Hydropsychodes lateralis* KH Barnard, 1934  
*Cheumatopsyche (Cheumatopsyche) maculipennis* (G Ulmer, 1930) : OL (The epithet "maculipennis" is preoccupied in Hydropsychodes (and Cheumatopsyche) by AV Martynov, 1930, with priority to be determined  
 Belonging in the Cheumatopsyche concava Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 139 Borneo ?)  
*Hydropsychodes maculipennis* G Ulmer, 1930  
*Cheumatopsyche (Cheumatopsyche) madagassa* (L Navas, 1923) : AT (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 Madagascar)  
*Hydropsychodes madagassa* L Navas, 1923  
*Cheumatopsyche (Cheumatopsyche) malchiel* H Malicky & W Mey, 2011 : AU (Male described originally near Cheumatopsyche costalis N Banks, Cheumatopsyche ebal H Malicky, and Cheumatopsyche suteri JC Dean Holotype--Male; INDONESIA: Molukken, Insel Bacan, Mt Sibela, 2-13-ii-1996, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Bacan))  
*Cheumatopsyche (Cheumatopsyche) malmi* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche (C) lepida Group near Cheumatopsyche criseyde H Malicky & P Chantaramongkol and Cheumatopsyche gaia H Malicky Holotype--Male; LAOS People's Democratic

Republic: Luang Namtha Prov, Nam Ha NBCA, Lakkhammai Village, Nam Leung stream, 749 m, UTM 47Q 0744602, 2339873, 30-iv-2005, light trap, loc 29, N Jonsson, T Malm, & B Viklund; in alcohol; deposited in the collection of the Swedish Museum of Natural History, Stockholm, Sweden Thailand)

*Cheumatopsyche (Cheumatopsyche) marieni* (S Jacquemart, 1965) : AT (

Classified in the Cheumatopsyche (Cheumatopsyche) lepida Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 31-32, 162 Republic of South Africa)

*Hydropsychodes marieni* S Jacquemart, 1965

*Cheumatopsyche (Cheumatopsyche) marmorata* (L Navas, 1922) : OL (Male redescribed by G Ulmer, 1930, Annals and Magazine of Natural History 10: 479-511

Reported from Siberia (Altai Mountains) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Classified in the Cheumatopsyche (Cheumatopsyche) expeditionis Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 45, 163 Philippines)

*Hydropsychodes marmorata* L Navas, 1922

*Cheumatopsyche (Cheumatopsyche) masia* (L Navas, 1920) : OL (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 159 Philippines)

*Hydropsychodes masia* L Navas, 1920

*Cheumatopsyche (Cheumatopsyche) mattheei* W Mey, 1992 : AT (

Classified in the Cheumatopsyche (Cheumatopsyche) pali Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 10, 162 Kenya)

*Cheumatopsyche (Cheumatopsyche) matuta* H Malicky, 2004 : OL (Male described originally near Cheumatopsyche cocles H Malicky & P Chantaramongkol and Cheumatopsyche anthracias W Mey and Cheumatopsyche carna H Malicky & P Chantaramongkol and Cheumatopsyche hippolyte H Malicky

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Male re-illustrated by H Malicky, 2007, Linzer biol Beitr 39(1): 493, 496, pl 8 Holotype--Male; NEPAL: lichtfang beim Lager 1, 23-ii--5-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Cheumatopsyche (Cheumatopsyche) mendolonga* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche (C) lepida Group near Cheumatopsyche kim, J Olah & KA Johanson Holotype--Male; MALAYSIA: Borneo, Sabah, Sipitang, Mendolong Nersery, 2-v-1998, light, S Adebratt; in alcohol; deposited in the collections of the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Cheumatopsyche (Cheumatopsyche) meo* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche (C) lepida Group near Cheumatopsyche trifascia Y Li Holotype--Male; VIETNAM: Son La Province, Moc Chau, 25-x-1986, light, J Olah; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) merari* H Malicky, 2009 : OL (Male described originally near Cheumatopsyche caprotina H Malicky Holotype--Male; INDONESIA: South Sulawesi, N of Rappang, 7 km E Enrekand, 1-2-v-1999, leg Becvar & Zabransky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) meruana* L Navas, 1934 : AT (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160 Kenya)

*Cheumatopsyche (Cheumatopsyche) meyi* H Malicky, 1997 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Classified in the Cheumatopsyche (Cheumatopsyche) holzschuhi Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 13, 162

Vietnam)

*Cheumatopsyche (Cheumatopsyche) mickeli* DG Denning, 1942 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) minuscula* (N Banks, 1907) : NA (United States of America)

*Hydropsyche minuscula* N Banks, 1907

Syn.: *Cheumatopsyche montrealensis* AP Nimmo, 1966

*Cheumatopsyche (Cheumatopsyche) mixta* W Mey, 2003 : OL (Male described originally in the Cheumatopsyche (C) expeditionis Group near Cheumatopsyche albocincta (N Banks) and

*Cheumatopsyche reticulata* (N Banks) Holotype--Male; PHILIPPINES: Luzon, Laguna, Pangil, at light, 11-iv-1997, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))  
*Cheumatopsyche (Cheumatopsyche) modica* (R McLachlan, 1871) : AU (Excluded from the Tasmanian fauna by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 68

Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 45, 163 Australia)

*Hydropsychodes modica* R McLachlan, 1871

*Cheumatopsyche (Cheumatopsyche) mollala* HH Ross, 1941 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) morsei* AE Gordon, 1974 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) musiana* (G Ulmer, 1951) : OL (Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 90

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydropsychodes musiana* G Ulmer, 1951

*Cheumatopsyche (Cheumatopsyche) namha* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche (C) lepida* Group near *Cheumatopsyche danae* H Malicky and spelled "namha" although reportedly named "after the type locality, Luang Namtha Province" Holotype--Male; LAOS PEOPLE'S DEMOCRATIC REPUBLIC: Luang Namtha Prov, Nam Ha NBCA, Lakkhammai Village, Nam Leung stream, 749 m, UTM 47Q 0744602, 23339873, 30-iv-2005, light trap, loc 29, N Joensson, T Malm & B Viklund; in alcohol; deposited in the Swedish Muxem of Natural History, Stockholm, Sweden Laos)

*Cheumatopsyche (Cheumatopsyche) naphis* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Kanchanaburi Prov, Erawan National Park, 200 m, 14\*22'N, 099\*08'E, deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) nathanbanksi* W Mey, 1998 : OL (Male described originally, related to *Cheumatopsyche costalis* N Banks

Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 46, 163, 189 Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Cheumatopsyche (Cheumatopsyche) naumanni* H Malicky, 1986 : OL (Male genitalia re-illustrated by H Malicky, 1997, Linzer biologische Beitrage 29: XXXX(1015-1055), pl XXXX

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Afghanistan and Pakistan, placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 90

New records in Pakistan, belonging in the *Cheumatopsyche costalis* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 209 Afghanistan)

*Cheumatopsyche (Cheumatopsyche) niasensis* H Malicky, 1997 : OL (Belonging in the *Cheumatopsyche columnata* Group accoring to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 99 Indonesia (Nias Island))

*Cheumatopsyche (Cheumatopsyche) nigrescens* (L Navas, 1932) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160

Vietnam)

*Ulmeria nigrescens* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) ningmapa* F Schmid, 1975 : OL (Male genitalia re-illustrated by H Malicky, 1997, Linzer biologische Beitrage 29: XXXX(1015-1055), pl XXXX

Reported again from Bhutan by J Olah, 1985, Fol Entomol Hungarica 46: 139-141

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 90

Reported from India, belonging in the *Cheumatopsyche costalis* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 209 Bhutan)

*Cheumatopsyche (Cheumatopsyche) nohondoan* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche dubitans* Group near *Cheumatopsyche doan* J Olah & KA Johanson Holotype--Male; VIETNAM: Quang Nam Da Nang Province, Lo Xo Pass, 15-ii-2006, light, J Olah, Jr, & Z Ecsedi; in alcohol; deposited in the J Olah Private Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) obtusa* (S Jacquemart, 1963) : AT (

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 37, 163 Republic of South Africa)

*Hydropsychodes obtusa* S Jacquemart, 1963

*Cheumatopsyche (Cheumatopsyche) obubui* J Olah, 2011 : AT (Male described originally in the *Cheumatopsyche digitata* Group near *Cheumatopsyche tournii* FM Gibon, W Guenda, & B Coulibaly Holotype--Male; UGANDA: Muekono District (Central Uganda), 00\*21'N, 32\*58'E, 1182 m, 24-xi-2009, leg JP Obubu; deposited in the J Olah Collection, Debreceen, Hungary Uganda)

*Cheumatopsyche (Cheumatopsyche) okinawana* J Olah & KA Johanson, 2008 (Male described originally in the *Cheumatopsyche lepida* Species Group near *Cheumatopsyche taipeiana* M Kobayashi and *Cheumatopsyche agnetae* J Olah & KA Johanson Holotype--Male; JAPAN: Okinawa, Kunigami-gun, mid Yona-gava, Yona 26\*45.5'N, Yona 128\*13.1'E, 26-29-iii-1997, OS Flint, Jr; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Japan (Okinawa))

*Cheumatopsyche (Cheumatopsyche) oktedit* J Olah & KA Johanson, 2008 : AU (Male described originally in the *Cheumatopsyche (C) expeditionis* Group near *Cheumatopsyche modica* (R McLachlan) Holotype--Male; PAPUA NEW GUINEA: Oktedi, Tabulil, 15-vi-2004, light, J Olah Jr; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Papua New Guinea)

*Cheumatopsyche (Cheumatopsyche) opposita* (N Banks, 1931) : OL (Male genitalia re-illustrated, placed in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 90, f 218-222 Malaysia (Peninsular))

*Hydropsychodes opposita* N Banks, 1931

*Cheumatopsyche (Cheumatopsyche) oxa* HH Ross, 1938 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) pali* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche (Cheumatopsyche) pali* Group

New records from Madagascar, in the *Cheumatopsyche pali* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 178 Holotype--Male; MADAGASCAR: Province Tanarive, Betafo, vii-1949, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) pallida* (N Banks, 1920) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160 Madagascar)

*Hydropsyche pallida* N Banks, 1920

*Cheumatopsyche (Cheumatopsyche) pallida* (L Navas, 1932) : OL ([preoccupied in *Cheumatopsyche* by N Banks, 1920, to be replaced])

*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160 "China")

*Ulmeria pallida* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) paracostalis* W Mey, 2003 : OL (Male described originally near *Cheumatopsyche costalis* (N Banks)

Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 46, 163 Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to the Agos River, at light, leg W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Cheumatopsyche (Cheumatopsyche) parafra* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche afra* ME Mosely and *Cheumatopsyche chirapali* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Perinet, xii-154, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) parentum* AE Gordon, 1974 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) pasella* HH Ross, 1941 : NA (biochemical variation, allozymes, geographic distribution relations, gene flow potential, congeneric species provided by GR Plague & JV McArthur, 1998 ("1997-1998"), *Hydrobiologia* 362: 1-8 United States of America)

*Cheumatopsyche (Cheumatopsyche) peirithoos* H Malicky & N Changthong, 2005 : OL (Male described originally, near *Cheumatopsyche danae* H Malicky)

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 37, 163 Holotype--Male; THAILAND: Prov Pitsanulok, Pu Hin Rongkla NP, Waterwheel WF, 16°59'N, 101°0'E, 22-23-viii-2002, leg Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) persica* W Mey, 2004 (Male described originally near *Cheumatopsyche capitella* AV Martynov)

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254; not *Cheumatopsyche lepida* as reported by P Chvojka, 1995, *Casopis Narodniho Muzea, Rada Prirodovedna* 164: 101-105

Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 37, 163 Holotype--Male; Iran, Chaharmahal-va-Bakhtiyari, Borujen, 6 km S Dorahun, 1850-2100 m, 12-vi-2002, leg A Kallies; deposited in the Museum of Natural History (Museum fuer Naturkunde), Berlin, Germany Iran)

*Cheumatopsyche (Cheumatopsyche) petersi* HH Ross, JC Morse, & AE Gordon, 1971 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) pfundsteini* B Statzner, 1984 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lestoni* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 48, 163 Ivory Coast)

*Cheumatopsyche (Cheumatopsyche) piljanae* W Mey, 1999 : AU (Male described originally near *Cheumatopsyche kebumena* H Malicky)

Belonging to the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 62 Holotype--Male; Indonesia: Seram, Piljana, ca 500 m ue NN, 25-ii-1995, light trap, P Salk; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Seram))

*Cheumatopsyche (Cheumatopsyche) pinaca* HH Ross, 1941 : NA (biochemical variation, allozymes, geographic distribution relations, gene flow potential, congeneric species provided by GR Plague & JV McArthur, 1998 ("1997-1998"), *Hydrobiologia* 362: 1-8 United States of America)

*Cheumatopsyche (Cheumatopsyche) pinula* DG Denning, 1952 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, *Southwestern Naturalist* 51(3): 326-337)

Reported from Arizona by Blinn & Ruitter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Cheumatopsyche (Cheumatopsyche) pison* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Cheumatopsyche chariklo* H Malicky & P Chantaramongkol)

In the original publication, illustrations of male genitalia on both pages 37 and 38 are labeled "pison," but those on p 37 are actually of *Cheumatopsyche dison* Holotype--Male; THAILAND: Oberlauf des Huai Mae Ya bi Doi Mae Yan, 1200 m, 19°14'N, 098°14'E, 13-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) plutonis* (N Banks, 1913) : AT (Belonging to the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 62 Ethiopia)

*Symphitopsyche plutonis* N Banks, 1913

*Cheumatopsyche (Cheumatopsyche) praepilata* CJ Geraci, 2008 : OL (Male described originally, near *Cheumatopsyche kali* CJ Geraci Holotype--Male; INDONESIA: Sulawesi Utara Province, Minahasa District, Kuwil Village, Tondono River at Kuwil Village bridge (01.44245°N, 124.93018°E), elevation



70 m, 3-xii-2004, coll CJ Geraci, M Meray, MF Dien; deposited in the United States National Museum of Natural, Smithsonian Institution, Washington, District of Columbia, United States of America Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) processuata* (AV Martynov, 1927) (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168)

Reported from Iran, India, Myanmar, and Vietnam, belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 152

Reported from Pakistan and India, belonging in the *Cheumatopsyche chinensis* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 227-228 Iran)

*Hydropsyche processuata* AV Martynov, 1927

*Cheumatopsyche (Cheumatopsyche) pulchripennis* (N Banks, 1939) : OL (Male genitalia re-illustrated by H Malicky, 1997, Linzer Biologische Beitrage 29: XXXX(1015-1055), pl XXXX

Belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 152-153

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydropsychodes pulchripennis* N Banks, 1939

*Cheumatopsyche (Cheumatopsyche) pulla* (L Navas, 1918) (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160 Spain)

*Ulmeria pulla* L Navas, 1918

*Cheumatopsyche (Cheumatopsyche) pulverulenta* DG Gibbs, 1973 : AT (Male genitalia re-illustrated, new locality reported in Ghana, belonging in the *Cheumatopsyche columnata* Group according to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 99, f 240-244 Ghana)

*Cheumatopsyche (Cheumatopsyche) punctata* (S Jacquemart, 1961) : AT (Holotype male segment X has a dorsad opening, spiny apex, clearly visible in the flattened and distorted genitalia, belonging in the *Cheumatopsyche chiensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 147, 153 Holotype--Male; "ZAIRE"; mounted on a single permanent microscope slide; deposited in the Musee Royal de l'Afrique Centrale, Tervuren, Belgium (J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 153) Democratic Republic of the Congo)

*Hydropsychodes punctata* S Jacquemart, 1961

*Cheumatopsyche (Cheumatopsyche) quadrifasciata* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche dubitans* Group near *Cheumatopsyche afra* (ME Mosely) Holotype--Male; TANZANIA: USA River, ix-1965-ii-1966, light, J Szunyoghy; in alcohol; deposited in the Natural History Museum, Budapest, Hungary Tanzania)

*Cheumatopsyche (Cheumatopsyche) ranomafana* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche fahara* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Ifanadiana, Ranomafana, iii-1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) reticulata* (N Banks, 1913) : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) expeditionis* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 46, 163 Philippines)

*Ecnopsyche reticulata* N Banks, 1913

Syn.: *Hydropsychodes normalis* N Banks, 1937

*Cheumatopsyche (Cheumatopsyche) richardsoni* AE Gordon, 1974 : NA (Biochemical variation, allozymes, geographic distribution relations, gene flow potential, congeneric species provided by GR Plague & JV McArthur, 1998 ("1997-1998"), Hydrobiologia 362: 1-8 United States of America)

*Cheumatopsyche (Cheumatopsyche) rienga* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche excisa* Group near *Cheumatopsyche carna* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Ha Son Binh Province, Hoa Binh, 8 km to Dabac, 21-x-1986, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrecen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) robisoni* SR Moulton & KW Stewart, 1996 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) robusta* (F Walker, 1852) : NA (Nomen dubium, LJ Milne, 1936, Stud N Amer Trich 3: 61

Female type described by C Betten & ME Mosely, 1940, F Walker Types Trichoptera Brit Mus p 25-26, f 10 "North America?")

*Hydropsyche robusta* F Walker, 1852

*Cheumatopsyche (Cheumatopsyche) roscida* (L Navas, 1934) : AT (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 160 Madagascar)

*Hydropsychodes roscida* L Navas, 1934

*Cheumatopsyche (Cheumatopsyche) rossi* AE Gordon, 1974 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) rubachi* W Mey, 1995 : OL (Belonging in the Cheumatopsyche chinensis Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 153 Philippines)

*Cheumatopsyche (Cheumatopsyche) sagitta* M Kobayashi, 1987 : OL (Holotype male genitalia re-illustrated, in the Cheumatopsyche dubitans Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 63, f 155-158 Holotype--Male; deposited in the Natural History Museum and Institute, Chiba, Japan Taiwan)

*Cheumatopsyche (Cheumatopsyche) saiyok* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near Cheumatopsyche admetos H Malicky & P Chantaramongkol, Cheumatopsyche automedon H Malicky & P Chantaramongkol, Cheumatopsyche holzschuhi H Malicky, Cheumatopsyche meyi H Malicky, and Cheumatopsyche H Malicky Holotype--Male; THAILAND: Prov Kanchanaburi, Sai Yok National Park, Karstbach, 100 m, 14\*26'N, 098\*51'E, 17-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche (Cheumatopsyche) saltorum* W Mey, 1998 : OL (Male described originally, similar to Cheumatopsyche incomptaria W Mey)

Belonging in the Cheumatopsyche columnata Group according to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 101 Holotype--Male; PHILIPPINES: Negros, Mt Mandalagan, Patag, trail to Lake Danao, 21-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Cheumatopsyche (Cheumatopsyche) saplaca* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche (C) lepida Group near Cheumatopsyche cocles H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, J Olah; in alcohol; deposited in the J Olah Private Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) sauteri* L Navas, 1933 : OL (Cheumatopsyche species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 161 Taiwan)

*Cheumatopsyche (Cheumatopsyche) schmidiana* J Olah, OS Flint, Jr, & KA Johanson, 2007 : OL (Male described by F Schmid, 1958, as Cheumatopsyche galappitikanda (F Schmid)

Redescribed and originally named in the Cheumatopsyche lepida Group near Cheumatopsyche hageni J Olah, OS Flint, & KA Johanson Holotype--Male; CEYLON: Sabaragamuwa Province, Niriella, 04-ii-1954, F Schmid; paratype of Cheumatopsyche galapitikanda F Schmid; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Cheumatopsyche (Cheumatopsyche) schwendingeri* H Malicky & P Chantaramongkol, 1997 : OL (Belonging in the Cheumatopsyche chinensis Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 153 Thailand)

*Cheumatopsyche (Cheumatopsyche) septa* J Olah & KA Johanson, 2008 : AT (Male described originally in the Cheumatopsyche chinensis Group near Cheumatopsyche albomaclata (G Ulmer)

Additional records from Madagascar, belonging in the Cheumatopsyche chinensis Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 228 Holotype--Male; MADAGASCAR: Sept Lacs, iii-1956, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) simayorum* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche lepida Species Group near Cheumatopsyche agnetae J Olah & KA Johanson Holotype--Male; VIETNAM: Gia Lai Contum Province, Lo Xo Pass, 1100 m, 25-ii-2007, light, G Simay; in alcohol; deposited in the J Olah personal collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) simplex* DE Kimmins, 1963 : AT (Belonging in the Cheumatopsyche columnata Group according to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 102 Ethiopia)

*Cheumatopsyche (Cheumatopsyche) sipitanga* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche costalis Group near Cheumatopsyche varia DE Kimmins

New records in Malaysia (Sabah), belonging in the *Cheumatopsyche costalis* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 211 Holotype--Male; MALAYSIA: Borneo, Sabah, Sipitang, Mendolong Nersery, 5-iv-1988, light, S Adebratt; in alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Cheumatopsyche (Cheumatopsyche) smithi* AE Gordon, 1974 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Cheumatopsyche (Cheumatopsyche) socia* (L Navas, 1927) (Male genitalia illustrated by H Malicky, 1983, Atlas of European Trichoptera, p XXX

Belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 155 Egypt)

*Hydropsychodes socia* L Navas, 1927

*Cheumatopsyche (Cheumatopsyche) songbua* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche kysonia* J Olah & KA Johanson Holotype--Male; VIETNAM: Thanh Hoa Province, Cuc Phuong National Park, 400 m, 17-x-1986, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) songda* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche kysonia* J Olah & KA Johanson Holotype--Male; VIETNAM: Ha Son Binh Province, Hoa Binh, 12 km to Dabac, 30-i-1986, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Cheumatopsyche (Cheumatopsyche) sordida* (HA Hagen, 1861) : NA (Canada)

*Hydropsyche sordida* HA Hagen, 1861

*Cheumatopsyche (Cheumatopsyche) speciosa* (N Banks, 1904) : NA (United States of America)

*Hydropsyche speciosa* N Banks, 1904

*Cheumatopsyche (Cheumatopsyche) spinifera* (S Jacquemart, 1967) : AT (Democratic Republic of the Congo)

*Hydropsychodes spinifera* S Jacquemart, 1967

*Cheumatopsyche (Cheumatopsyche) stenocyta* (L Navas, 1932) : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 161 India)

*Ulmeria stenocyta* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) stigma* DE Kimmins, 1955 : OL (Belonging in the *Cheumatopsyche columnata* Group according to J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 102 Malaysia (Sarawak))

*Cheumatopsyche (Cheumatopsyche) suffusa* (L Navas, 1932) : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 161 India)

*Ulmeria suffusa* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) surgens* Y Li & L Tian, 1990 : OL (Belonging in the *Cheumatopsyche concava* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 143 China (Hunan))

*Cheumatopsyche (Cheumatopsyche) suswanad* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche songda* J Olah & KA Johanson Holotype--Male; INDIA: North Dehra Dun, Suswa Nadi, 1-iii-1936, JA Graham; in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Cheumatopsyche (Cheumatopsyche) suteri* JC Dean, 2001 : AU (Type range includes also Queensland and Western Australia Holotype--XXX?; AUSTRALIA: Northern Territory, South Alligator River, Gimbat OSS Field Station Australia)

*Cheumatopsyche (Cheumatopsyche) taipeiana* M Kobayashi, 1987 : OL (Male redescribed, classified in the *Cheumatopsyche (C) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 38-39, 163, f 95-98 Taiwan)

*Cheumatopsyche (Cheumatopsyche) tanidai* J Olah & KA Johanson, 2008 (Male described originally in the *Cheumatopsyche lepida* Species Group near *Cheumatopsyche infascia* AV Martynov Holotype--Male; JAPAN: Kyoto, 17-v-1939, NLH Krauss; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Japan)

*Cheumatopsyche (Cheumatopsyche) tectifera* G Marlier, 1959 : AT (Reasons for considering this species distinct, belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 156 Sao Tome)

*Cheumatopsyche (Cheumatopsyche) telensis* H Malicky, 1997 : OL (Placed in the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 65)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Cheumatopsyche (Cheumatopsyche) temburonga* H Malicky, 1997 : OL (Male forewing redescribed, classified in the *Cheumatopsyche (C) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 39, 163, f 37)

Reported from Malaysia (Sabah), belonging to the *Cheumatopsyche lepida* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 185-186 Brunei)

*Cheumatopsyche (Cheumatopsyche) tenerrima* G Marlier, 1961 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lestoni* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 49, 163 Holotype--Male; "The holotype (MRAC) was mounted on a permanent microscope slide . . . The genitalia are clearly visible, not distorted, and only slightly twisted"; deposited in la Musee Royal de l'Afrique Centrale, Tervuren, Belgium (J Olah, KA Johanson, & PC Barnard, 2007, *Zootaxa* 1738: 49) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsyche) tenga* CJ Geraci, 2008 : OL (Male described originally, near *Cheumatopsyche ceramensis* W Mey Holotype--Male; INDONESIA: Sulawesi Utara Province, Minahasa Selatan District, Tenga Village, Tenga River at Tenga Village bridge (01.06394\*N, 124.44313\*E), elevation 75 m, 11-xii-2004, coll CJ Geraci, MF Dien, C Rante; deposited in the United States National Museum of Natural, Smithsonian Institution, Washington, District of Columbia, United States of America Indonesia (Sulawesi))

*Cheumatopsyche (Cheumatopsyche) thaba* ME Mosely, 1948 : AT (Reported from Yemen (Socotra) by H Malicky, 1999, *Entomologische Zeitschrift* 109(12): 492)

Occurring in WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 557

Belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 156-157 Yemen)

*Cheumatopsyche (Cheumatopsyche) themisto* H Malicky, 2010 : OL (Male described originally near *Cheumatopsyche stigma* DE Kimmins and *Cheumatopsyche saltorum* W Mey and *Cheumatopsyche georgulmeri* W Mey)

Reported from The Philippines (Palawan) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Holotype-Male; PHILIPPINES: Palawan, Mantalingajan, Pinigisan, 600 m, 23-ix-1961, leg Noona Dan Expedition; deposited in in the Zoological Museum, Copenhagen, Denmark Philippines)

*Cheumatopsyche (Cheumatopsyche) timgulile* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche fahara* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Ampangalambosy, x-1957; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsyche) tincta* (L Navas, 1932) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31)

*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 161 Vietnam)

*Ulmeria tincta* L Navas, 1932

*Cheumatopsyche (Cheumatopsyche) tinjar* (DE Kimmins, 1955) : OL (Belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 155 Malaysia (Sarawak))

*Hydropsychodes tinjar* DE Kimmins, 1955

*Cheumatopsyche (Cheumatopsyche) tiokalamkita* J Olah & KA Johanson, 2008 : AT (Male and female described originally in the *Cheumatopsyche columnata* Species Group, near *Cheumatopsyche ranomafana* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 1000 m, Malaise trap in small clearing, mountain rainforest, 26-29-iii-1990, WE Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche (Cheumatopsyche) tokunagai* (M Tsuda, 1940) : OL (Belonging in the *Cheumatopsyche columnata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa*

1738: 103 Taiwan)

*Hydropsychodes tokunagai* M Tsuda, 1940

*Cheumatopsyche (Cheumatopsyche) tournii* FM Gibon, W Guenda, & B Coulibaly, 1994 :

AT (Belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157 Burkina Faso)

*Cheumatopsyche (Cheumatopsyche) tramota* H Malicky & P Chantaramongkol, 1997 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 39, 163 Thailand)

*Cheumatopsyche (Cheumatopsyche) transmutata* W Mey, 1998 : OL (Placed in the *Cheumatopsyche excisa* Group by J Olah, KA Johanson, & PC Barnard, *Zootaxa* 1738: 84 Philippines)

*Cheumatopsyche (Cheumatopsyche) trifascia* Y Li, 1988 : OL (Male forewing redescribed, classified in the *Cheumatopsyche (C) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 40-41, 163, f 38 China (Fujian))

*Cheumatopsyche (Cheumatopsyche) trifida* (ME Mosely, 1935) : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 41, 163 Democratic Republic of the Congo)

*Hydropsychodes trifida* ME Mosely, 1935

*Cheumatopsyche (Cheumatopsyche) trilaris* H Malicky & P Chantaramongkol, 1997 : OL (Belonging in the *Cheumatopsyche columnata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 104

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Malaysia (Peninsular))

*Cheumatopsyche (Cheumatopsyche) triptolemos* H Malicky, 2008 : OL (Male described originally near *Cheumatopsyche trilaris* H Malicky & P Chantaramongkol and *Cheumatopsyche stigma* DE Kimmins

Reported from The Philippines (Palawan, Tawi Tawi, Balabac) and "Borneo" [Kalimantan] by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 02-vii-2000, B1211PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Cheumatopsyche (Cheumatopsyche) truncata* AV Martynov, 1935 : OL (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 41, 163 India)

*Cheumatopsyche (Cheumatopsyche) tunmodera* J Olah, OS Flint, Jr, & KA Johanson, 2007 : OL (Male described originally in the *Cheumatopsyche lepida* Group near *Cheumatopsyche galapitikanda* (F Schmid) Holotype--Male; CEYLON: Colombo District, Tunmodera, 200 ft, 17-xi-1970, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Cheumatopsyche (Cheumatopsyche) uchidai* M Kobayashi, 1987 : OL (Holotype male re-illustrated, placed in the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 66-67, f 159-162

New records from Taiwan, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 197 Holotype--Male; TAIWAN; deposited in the Natural History Museum and Institute, Chiba, Japan (J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 66-67) Taiwan)

*Cheumatopsyche (Cheumatopsyche) ulmeri* (L Navas, 1933) : OL (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 161 Taiwan)

*Hydropsychodes ulmeri* L Navas, 1933

*Cheumatopsyche (Cheumatopsyche) urhpirdana* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche engor* J Olah & KA Johanson Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Cheumatopsyche (Cheumatopsyche) usambara* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche columnata* Group near *Cheumatopsyche maculata* MS Mosely

Holotype--Male; TANZANIA: Sigi River, Amani, E Usambara Mts, 2500 m, 21-ii-1959, MT Gillies; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Tanzania)

*Cheumatopsyche (Cheumatopsyche) vala* H Malicky, 1992 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche)* pali Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 12, 162 Comores (Anjuan Island))

*Cheumatopsyche (Cheumatopsyche) vannotei* AE Gordon, 1974 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) varia* (DE Kimmins, 1955) : OL (Reported from Malaysia (Sarawak, Sabah), place in the *Cheumatopsyche costalis* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 92 Malaysia (Sarawak))

*Hydropsychodes varia* DE Kimmins, 1955

*Cheumatopsyche (Cheumatopsyche) ventricosa* Y Li & D Dudgeon, 1988 : OL (Placed in the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 67 China (Fujian))

*Cheumatopsyche (Cheumatopsyche) villosa* (L Navas, 1934) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 161 "Africa")

*Hydropsychodes villosa* L Navas, 1934

*Cheumatopsyche (Cheumatopsyche) virginica* DG Denning, 1949 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) wabasha* DG Denning, 1948 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) wellsae* JC Dean, 2001 : AU (Type range includes also Queensland and Western Australia Holotype--XXX?; AUSTRALIA: Northern Territory, East Alligator River, Cahills Crossing Australia)

*Cheumatopsyche (Cheumatopsyche) wrighti* HH Ross, 1947 : NA (United States of America)

*Cheumatopsyche (Cheumatopsyche) zao* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche concava* Group near *Cheumatopsyche songda* J Olah & KA Johanson Holotype--Male; VIETNAM: Lam Dong Province, Baoloc, Baco stream, 25-x-1988, singled, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

#### **subgenus *Cheumatopsychodes* G Marlier, 1961**

*Cheumatopsyche (Cheumatopsychodes) akana* B Statzner, 1984 : AT (Classified in the *Cheumatopsyche (Cheumatopsyche)* dubitans Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 50, 163

New records from Ivory Coast, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 190 Ivory Coast)

*Cheumatopsyche (Cheumatopsychodes) ambodivoa* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche ambohima* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Maroantsetra, Ambodivoangy, 1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsychodes) ambohima* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche ambodivoa* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Ambohimanakana, Manamabto, Anove, iv-1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsychodes) ampanga* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche sambava* J Olah & KA Johanson

Female described, new records from Madagascar, belonging in the *Cheumatopsyche ampanga* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 199-200, f 333-334 Holotype--Male; MADAGASCAR: Ampangalambolosy, 9-x-1957, P Soga; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsychodes) bimaculata* (G Ulmer, 1930) : AT (*Cheumatopsyche* species Incertae Sedis according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 157-158 Holotype--Female; ETHIOPIA (J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 158) Ethiopia)

*Hydropsychodes bimaculata* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsychodes) chirapali* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche parafra* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Anosibe, 1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsychodes) chitawana* J Olah & KA Johanson, 2008 : AT (Male described

originally in the *Cheumatopsyche costalis* Species Group and the *Cheumatopsyche ningmapa* Species Cluster Holotype--Male; NEPAL: Chitawan District, Royal Chitawan National Park, 1-xi-1985, J Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche (Cheumatopsychodes) davisi* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche dubitans* Species Group near *Cheumatopsyche sagitta* M Kobayashi Holotype--Male; TAIWAN: Kao Hsiung Co, 10-11 km NE Chiashien, forest, 300 m, 3-8-vi-1980, DR Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Taiwan)

*Cheumatopsyche (Cheumatopsychodes) digitata* (ME Mosely, 1935) : AT (Reported from "Zaire, not Tanganyika," and Ghana (Central and West Africa, including islands), belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 155-156

Reported from Ivory Coast, belonging in the *Cheumatopsyche digitata* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 228 Democratic Republic of the Congo)

*Hydropsychodes digitata* ME Mosely, 1935

*Cheumatopsyche (Cheumatopsychodes) diminuta* (F Walker, 1852) : AT (Classified in the *Cheumatopsyche (Cheumatopsychodes) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 51-52, 163 Sierra Leone)

*Hydropsyche diminuta* F Walker, 1852

*Cheumatopsyche (Cheumatopsychodes) ekona* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche unicalcarata* W Mey Holotype--Male; CAMEROON: Ekona, at light, 22-iv-1938, H Buhr; in alcohol; deposited in the Humboldt-Universitaet zu Berlin, Museum fuer Naturkunde, Berlin, Germany Cameroon)

*Cheumatopsyche (Cheumatopsychodes) falcifera* (G Ulmer, 1930) : AT (Forewing illustrated, reported from Ghana, belonging in the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 54, f 104

Reported from South Africa, Nigeria, Cameroon, Rhodesia, and Ivory Coast, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 192 Ethiopia)

*Hydropsychodes falcifera* G Ulmer, 1930

Syn.: *Hydropsychodes zuluensis* KH Barnard, 1934

*Cheumatopsyche (Cheumatopsychodes) hasalaka* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche dubitans* Species Group near *Cheumatopsyche afra* ME Mosely Holotype--Male; SRI LANKA: Kan Dist Kasalaka, 500', 22-25-xi-1970, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Cheumatopsyche (Cheumatopsychodes) kimminsi* G Marlier, 1961 : AT (Male holotype re-examined, assigned to the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 55-56 Holotype--Male; mounted on 3 permanent microscope slides (wings, genitalia, remaining dissected body); deposited in the Musee Royal de l'Afrique Centrale (J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 56) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsychodes) kissi* G Marlier, 1961 : AT (Male genitalia of holotype redescribed in the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 58 Holotype--Male; "ZAIRE"; mounted on 3 permanent microscope slides (wings, genitalia, remaining dissected body and maxillary palps); deposited in the Musee Royal de l'Afrique Centrale, Tervuren, Belgium (J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 58) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsychodes) lateralis* (KH Barnard, 1934) : AT (Specimen reported from Katanga in error by S Jacquemart, 1966, Exploration du Parc National de la Garamba, Mission H De Saeger 51(2): 35-56, classified in the *Cheumatopsyche (Cheumatopsychodes) dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 49, 163

New records for *Cheumatopsyche afra* from South Africa, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 190

Widely distributed in South Africa, as *Cheumatopsyche afra*, according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Hydropsychodes lateralis* KH Barnard, 1934

Syn.: *Hydropsychodes afra*, 1935

Syn.: *Hydropsychodes rhodesiana* S Jacquemart, 1963

*Cheumatopsyche (Cheumatopsychodes) leloupi* S Jacquemart, 1957 : AT (Forewing illustrated, reasons for considering as distinct species, belonging in the *Cheumatopsyche digitata* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 156 Holotype--Male; "ZAIRE"; "the type material of this species is lost (Patrick Grootaert, pers comm)" (J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 156) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsychodes) lesnei* (ME Mosely, 1932) : AT (Reported from Mocambique, Uganda, Dakar, Rhodesia, and South Africa (Natal), belonging in the *Cheumatopsyche chinensis* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 147, 152)

Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Mocambique)

*Hydropsychodes lesnei* ME Mosely, 1932

Syn.: *Cheumatopsyche uncatata* DE Kimmins, 1957

*Cheumatopsyche (Cheumatopsychodes) lobata* G Marlier, 1943 : AT (Holotype male genitalia are partially damaged and highly distorted, forewing illustrated, placed in the *Cheumatopsyche ampanga* Group by J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 75, f 31 Holotype--Male; "ZAIRE"; genitalia mounted on a permanent microscope slide; deposited in the Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 75) Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsychodes) mafana* J Olah & KA Johanson, 2008 : AT (Female described originally in the *Cheumatopsyche ampanga* Species Group Holotype--Female; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, Malaise trap across stream, montane rainforest, 8-13-iii-1990, WE Steiner; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche (Cheumatopsychodes) mariannae* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche costalis* Species Group near *Cheumatopsyche sandrae* J Olah & KA Johanson Holotype--Male; INDIA: Karnataka, Shimoga District, Jog Falls, MV lamp, 2-8-iii-1980, Gy Topal; deposited in the Janos Olah personal collection, Debrecen, Hungary India)

*Cheumatopsyche (Cheumatopsychodes) montapo* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche costalis* Species Group near *Cheumatopsyche bardiana* H Malicky and *Cheumatopsyche hoasena* J Olah & KA Johanson Holotype--Male; PHILIPPINES: Mindanao P I Mt Apo School, 15 km SW Davao, 500 m, 22-31-x-1965, D Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Philippines)

*Cheumatopsyche (Cheumatopsychodes) nondra* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Species Group near *Cheumatopsyche sambava* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Suarez Province, Nossi Be, Bemanondoke, 20-iii-1963, ED Cashatt; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche (Cheumatopsychodes) nubila* DE Kimmins, 1963 : AT (New record in Ethiopia, belonging in the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 62)

New record from Ethiopia, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 194-195 Ethiopia)

*Cheumatopsyche (Cheumatopsychodes) obscurata* (G Ulmer, 1930) : AT (Belonging to the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, *Zootaxa* 1738: 62 Ethiopia)

*Hydropsychodes obscurata* G Ulmer, 1930

*Cheumatopsyche (Cheumatopsychodes) rineta* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche afra* ME Mosely and *Cheumatopsyche chirapali* J Olah & KA Johanson)

Male variations discussed, new records in Madagascar, belonging in the *Cheumatopsyche ampanga* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 204 Holotype--Male; MADAGASCAR: Perinet, xi-1954, P Viette & R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)



*Cheumatopsyche (Cheumatopsychodes) sambava* J Olah & KA Johanson, 2008 : AT (Male described originally in the *Cheumatopsyche ampanga* Group near *Cheumatopsyche ampanga* J Olah & KA Johanson)

New records in Madagascar, belonging in the *Cheumatopsyche ampanga* Species Group Holotype--Male; MADAGASCAR: Est de Sambava Reserve nat XII, Marojejy-Andrakata, xi-1959, P Soga; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche (Cheumatopsychodes) sandrae* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche costalis* Species Group near *Cheumatopsyche mariannae* J Olah & KA Johanson Holotype--Male; INDIA: Karnataka, Shimoge District, Jog Falls, MA lamp, 2-8-iii-1980, Gy Topal; deposited in the Janos Olah personal collection, Debrcen, Hungary Philippines)

*Cheumatopsyche (Cheumatopsychodes) sessilis* G Marlier, 1961 : AT (Belongs to the *Cheumatopsyche dubitans* Group according to J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 63 Democratic Republic of the Congo)

*Cheumatopsyche (Cheumatopsychodes) spinosa* F Schmid, 1959 : OL (Placed in the *Cheumatopsyche ampanga* Group by J Olah, KA Johanson, & PC Barnard, Zootaxa 1738: 80 China (Yunnan))

*Cheumatopsyche (Cheumatopsychodes) thomaseti* (G Ulmer, 1931) : AT (Placed in the *Cheumatopsyche dubitans* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 65)

New record from South Africa, belonging in the *Cheumatopsyche dubitans* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 195

Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Hydropsychodes thomaseti* G Ulmer, 1931

Syn.: *Cheumatopsyche urema* ME Mosely, 1936

*Cheumatopsyche (Cheumatopsychodes) triangularis* (G Ulmer, 1931) : AT (Classified in the *Cheumatopsyche (Cheumatopsyche) lepida* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 1738: 40, 163)

New records from South Africa, belonging to the *Cheumatopsyche lepida* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 186 Republic of South Africa)

*Hydropsychodes triangularis* G Ulmer, 1931

*Cheumatopsyche (Cheumatopsychodes) tungpa* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche dubitans* Species Group near *Cheumatopsyche uchidai* M Kobayashi Holotype--Male; TAIWAN: Nan Tow Co, Tungpu, 1000 m, shrub, 19-vi-1980, DR Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Taiwan)

*Cheumatopsyche (Cheumatopsychodes) unicalcarata* W Mey, 1992 : AT (Placed in the *Cheumatopsyche ampanga* Group by J Olah, KA Johanson, & PC Barnard, 2008, Zootaxa 738: 80 Kenya)

*Cheumatopsyche (Cheumatopsychodes) yangmorseorum* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Cheumatopsyche dubitans* Species Group near *Cheumatopsyche longiclasper* Y Li Holotype--Male; CHINA: Hubei Province, Machengxian, 27 km N Macheng, Tongjianchonghe, 150 m, 12-vii-1990, Morse & Yang; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America China (Hubei))

#### **subgenus *Ethiopsyche* G Marlier, 1962**

*Cheumatopsyche agha* J Olah & KA Johanson, 2008 (Male described originally in the *Cheumatopsyche ayopa* Group near *Cheumatopsyche ayopa* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Perinet, xii-1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche ambala* J Olah & KA Johanson, 2008 (Male described originally in the *Cheumatopsyche mahakaya* Group near *Cheumatopsyche joariva* J Olah & KA Johanson Holotype--Male; MADAGASCAR: Piste d'Ambalaromto a Anjahamanana, Del Brickaville, ix-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche amdakaramaya* J Olah & KA Johanson, 2008 (Male described originally in the *Cheumatopsyche mahakaya* Group near *Cheumatopsyche mahakaya* J Olah & KA Johanson Holotype--

-Male; MADAGASCAR: Ifanadiana, Ranomafana, xii-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)  
*Cheumatopsyche andohahela* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche ayopa Group near Cheumatopsyche padaha J Olah & KA Johanson

Additional record from Madagascar, belonging in the Cheumatopsyche ayopa Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 217 Holotype--Male; MADAGASCAR: Andohahela, 1800 m, i-1956, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche ayopa* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche ayopa Group near Cheumatopsyche agha J Olah & KA Johanson Holotype--Male; MADAGASCAR: Sa Mandraka, xi-1953, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche balaromta* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche mandrara J Olah & KA Johanson Holotype--Male; MADAGASCAR: Piste d'Ambalaromto a Anjahamanana, Del Brickaville, ix-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche barakambra* J Olah & KA Johanson, 2008 : OL (Male described originally in the Cheumatopsyche lepida Species Group, Cheumatopsyche capitella Species Cluster Holotype--Male; INDIA: Orissa State, Upper Barakambra, 2800', 8-ii-1975, ML Ripley; in alcohol; deposited in the The Natural History Museum, London, United Kingdom India)

*Cheumatopsyche bidikala* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche bolosa J Olah & KA Johanson

Additional records from Madagascar, belonging in the Cheumatopsyche mahakaya Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 217 Holotype--Male; MADAGASCAR: Ambidikala, Pres Riviere, Ranomara, Del Brickaville, ix-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche bolosa* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche bidikala J Olah & KA Johanson Holotype--Male; MADAGASCAR: Ampangalambolosy, Nord ouest RN III, Chasse de la vue, 10-ix-1957, P Soga; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche fianara* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche jaoriva J Olah & KA Johanson Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km Ranomafana, 900 m, black light, mountain rainforest near river and stream, 20-24-iii-1990, WE Steiner; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche imatso* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche ayopa Group near Cheumatopsyche andohahela J Olah & KA Johanson Holotype--Male; MADAGASCAR: Vakoana, Foret, Imatso, 1550 m, 22-i-1958, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche joariva* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche ambala J Olah & KA Johanson Holotype--Male; MADAGASCAR: Tsinjoarivo, x-1953, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche kitutuensis* (G Marlier, 1962) (Not cited by Z Spuris, 1991, XXX?)

Transferred from Cheumatopsyche to Hydropsyche, but otherwise species incetae sedis according to J Olah & KA Johanson, 2008, Zootaxa 1802: 163 Holotype--Female; ZAIRE (J Olah & KA Johanson, 2008, Zootaxa 1802: 163) Democratic Republic of the Congo)

*Cheumatopsyche kitutuensis* G Marlier, 1962

*Cheumatopsyche mahakaya* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche bolosa J Olah & KA Johanson Holotype--Male; MADAGASCAR: Anosibe, 1955, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche mandrara* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche balaromta J Olah & KA Johanson Holotype--Male; MADAGASCAR: River Mandrara, iii-1954, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche masiposa* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche rantsoa J Olah & KA Johanson Holotype--Male; MADAGASCAR: Est de Sambava, Reserve nat XII Marojejy-Masiaposa, ii-1959, P Soga; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)  
*Cheumatopsyche padaha* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche ayopa Group near Cheumatopsyche vacoana J Olah & KA Johanson Holotype--Male; MADAGASCAR: Manjakatombo, i-1956, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)  
*Cheumatopsyche pitella* DG Denning, 1968 : NA (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35)

Transferred back from Plectropsyche to Cheumatopsyche, in the Cheumatopsyche pali Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 17  
Mexico (Sinaloa))

*Cheumatopsyche ranoma* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 1100 m, black light, mountain rainforest, 22-31-x-1988, WE Steiner; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche rantsoa* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche masiposa J Olah & KA Johanson Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, black light, mountain rainforest near river and stream, 18-x-1990, WE Steiner, C Kremen, & P Daniels; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Cheumatopsyche tanana* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche mahakaya Group near Cheumatopsyche bolosa J Olah & KA Johanson Holotype--Male; MADAGASCAR: 35 km S de Tananarive, ii-1952, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Cheumatopsyche theophane* H Malicky & T Prommi, 2006 (Male described originally Holotype--Male; THAILAND: Suratthani Prov, Khaosol National Park, Sib-Et-Chan Waterfall, 133 m, 8°55'N, 98°31'E, 10-i-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

*Cheumatopsyche vacoana* J Olah & KA Johanson, 2008 (Male described originally in the Cheumatopsyche ayopa Group near Cheumatopsyche agha J Olah & KA Johanson and Cheumatopsyche ayopa J Olah & KA Johanson Holotype--Male; MADAGASCAR: Vacoana, Foret, Imitso, 1150 m, 22-i-1958, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

### ***Chilocentropus* L Navas, 1934**

*Chilocentropus disparilis* L Navas, 1934 : NT (Chile)

### ***Chiloecia* L Navas, 1930**

*Chiloecia lacustris* L Navas, 1930 : NT (Chile)

### ***Chilostigma* R McLachlan, 1876**

*Chilostigma itasca* GB Wiggins, 1975 : NA (Diagnostic characters provided by K Tanida, T Nozaki, & M Itou, 1999, Aquatic Insects 21(2): 158)

Rare in Minnesota according to DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 United States of America)

*Chilostigma sieboldi* R McLachlan, 1876 : PA (Larva described, adults diagnosed, distribution provided by K Tanida, T Nozaki, & M Itou, 1999, Aq Ins 21(2): 153-160, f 1-2)

bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 202

Adults on snow in winter in northern Sweden reported by B Gullefors, 2005, Entomologisk Tidskrift 126(1-2): 85-87 Poland, Sweden, Lapland, Finland)

Syn.: *Phryganea pilosulum* JW Zetterstedt, 1840

### ***Chilostigmodes* AV Martynov, 1914**

*Chilostigmodes areolatus* (F Walker, 1852) : NA (Canada)

*Limnephilus areolatus* F Walker, 1852

*Chilostigmodes forcipatus* AV Martynov, 1914 (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))

### ***Chimarra* JF Stephens, 1829**

#### **subgenus *Chimarra* JF Stephens, 1829**

*Chimarra (Chimarra) aberrans* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Chimarra (Chimarra) abyssinica* N Banks, 1913 : AT (Ethiopia)

*Chimarra (Chimarra) aciculata* JC Morse, 1974 : AT (Republic of South Africa)

*Chimarra (Chimarra) actinifera* F Schmid, 1958 : OL (Sri Lanka)

*Chimarra (Chimarra) acuta* HH Ross, 1959 : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Morelos))

Syn.: *Chimarra boneti* HH Ross, 1959

*Chimarra (Chimarra) adaluma* DI Cartwright, 2002 : AU (Male described originally, in the *Chimarra adaluma* Group, from northern Western Australia Holotype--Male; AUSTRALIA: Western Australia, Kimberley, Prince Regent R, King Cascade, MV It, 27 Jul 1990, DK Yeates (NMV, T-17773); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) adamsae* RJ Blahnik, 1998 : NT (Peru)

*Chimarra (Chimarra) adella* DG Denning, 1952 : NA (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35)

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 5, f 13a United States of America)

*Chimarra (Chimarra) adelphe* RJ Blahnik, 1998 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Costa Rica)

*Chimarra (Chimarra) adiatulla* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines)

*Chimarra (Chimarra) adnama* H Malicky, 1993 : OL (Indonesia (Sulawesi))

*Chimarra (Chimarra) africana* G Enderlein, 1929 : AT (Tanganyika)

*Chimarra (Chimarra) aiyura* K Korboot, 1965 : AU (New Guinea)

*Chimarra (Chimarra) akana* DG Gibbs, 1973 : AT (Ghana)

*Chimarra (Chimarra) akarawitta* F Schmid, 1958 : OL (Sri Lanka)

*Chimarra (Chimarra) akkaorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Thailand, Vietnam, Laos, Cambodia by J Olah & H Malicky, 2010, Braueria 37: 17 Thailand)

*Chimarra (Chimarra) akruna* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra adaluma* Group near *Chimarra pita* DI Cartwright, from northern Northern Territory Holotype--Male; AUSTRALIA: Northern Territory, Radon Springs, It tr, 14 Apr 1989, A Wells and P Suter (NMV, T-17808); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) alata* J Bueno-Soria, 1983 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Chiapas))

*Chimarra (Chimarra) alcicorne* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from another locality in Vietnam by J Olah & H Malicky, 2010, *Braueria* 37: 17 Vietnam)  
*Chimarra (Chimarra) alleni* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam, Malaysia (Peninsular), and Thailand by J Olah & H Malicky, 2010, *Braueria* 37: 23 Thailand)  
*Chimarra (Chimarra) alticola* N Banks, 1937 : OL (Philippines)  
*Chimarra (Chimarra) altmani* RJ Blahnik, 1998 : NT (Panama)  
*Chimarra (Chimarra) amarganth* H Malicky, 1989 (Oman)  
*Chimarra (Chimarra) ambaja* ME Mosely, 1939 : AT (Democratic Republic of the Congo)  
*Chimarra (Chimarra) ambulans* KH Barnard, 1934 : AT (Occurring possibly in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)  
*Chimarra (Chimarra) amica* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Costa Rica)  
*Chimarra (Chimarra) aminadab* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 495 Nepal)  
*Chimarra (Chimarra) ammi* H Malicky & W Graf, 2008 : OL (Male described originally near Chimarra alcornu H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Hong Kong, Pak Kung Au, Langtau Insel, 22-iii-1996, leg Graf; deposited in the H Malicky Collection, Lunz am See, Austria China (Hong Kong))  
*Chimarra (Chimarra) anakwoswasi* H Malicky, 1995 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 10, 16 Philippines)  
*Chimarra (Chimarra) anam* H Malicky, 2008 : OL (Male described originally near Chimarra uschtu H Malicky Holotype--Male; INDONESIA: Sumatra, Sitahoan, 1500 m, 02\*39'N, 099\*00'E, 20-ix-1992, leg Diehl; deposited in the H Malicky Collection Indonesia (Sumatra))  
*Chimarra (Chimarra) andrikovicsi* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra monorum P Chantaramongkol & H Malicky Holotype--Male' VIETNAM: Ha Son Binh Province, Hoabinh Reservoir, River Suoi, 22-23-i-1991, light, S Andrikovics; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) aneca* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Chimarra (Chimarra) angolensis* G Marlier, 1965 : AT (Angola)  
*Chimarra (Chimarra) angularis* RJ Blahnik, 2002 : NT (Male and female described originally near Chimarra usitatissima OS Flint Holotype--Male; VENEZUELA: T F Amaxonas, Cerro de la Neblina, basecamp (rainforest clearing near Rio Baria), 0\*50'N, 66\*10'W, 140 m, 26-31-i-1985, PJ and PM Spangler, R Faitoute, W Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, *Systematic Entomology* 27: 117) Venezuela)  
*Chimarra (Chimarra) angustipennis* N Banks, 1903 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45

Female described by DE Ruiter & DW Blinn, 2009, *Braueria* 36: 5, f 14a United States of America)

Syn.: *Chimarra siva* DG Denning, 1949

*Chimarra (Chimarra) anoaclana* (H Malicky, 1978) : AU (Indonesia (Irian Jaya))

*Synagapetus anoaclana* H Malicky, 1978

*Chimarra (Chimarra) antheae* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the Chimarra digitata Group near Chimarra gyrospina RJ Blahnik, RW Holzenthal, & J Huisman; Chimarra phlegyas H Malicky; and Chimarra thyestes H Malicky Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Headquarters, roadside, 06\*00'N, 116\*32'E, 1500 m, 12-

v-1987, J Huisman; UMSP000208644; deposited in the Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))

*Chimarra (Chimarra) antiqua* OS Flint, 1967 : NA (Mexico (San Luis Potosi))

*Chimarra (Chimarra) antilliana* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 46 Dominica)

*Chimarra (Chimarra) aram* H Malicky, 2008 : OL (Male described originally Holotype-Male; INDONESIA: Sumatra, 8 km N Sindar Raya, 700 m, 03°12'N, 098°55'E, 23-ii-1994, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Chimarra (Chimarra) ard* H Malicky, 2008 : OL (Male described originally near *Chimarra argax* H Malicky, *Chimarra demeter* H Malicky, *Chimarra exillis* C Sun, *Chimarra monorum* P Chantaramongkol & H Malicky, *Chimarra feuerborni* G Ulmer, and *Chimarra ram* H Malicky Holotype--Male; INDONESIA: Jawa Timur, Semen 500 m, 07°59'S, 112°21'E, 22-iv-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java))

*Chimarra (Chimarra) areli* H Malicky & W Mey, 2008 : OL (Male described originally Holotype--Male; CAMBODIA: Cardamom Mountains, Tumpor area, 1250 m, 12°22'N, 103°02'E, 27-ii-5-iii-2000, leg M Nuss; deposited in the Zoological Museum, Berlin, Germany Cambodia)

*Chimarra (Chimarra) argax* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) argeia* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Chimarra (Chimarra) argentinica* G Ulmer, 1909 : NT (Argentina)

Syn.: *Chimarrha armata* L Navas, 1920

Syn.: *Chimarrha canosa* L Navas, 1918

*Chimarra (Chimarra) ariadne* H Malicky, 1997 : OL (India (Great Nicobar Island))

*Chimarra (Chimarra) arima* RJ Blahnik, 1998 : NT (Trinidad)

*Chimarra (Chimarra) ariomana* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines)

*Chimarra (Chimarra) arkit* H Malicky, 2008 : OL (Male described originally near *Chimarra gunungkawi* H Malicky, *Chimarra jacobsoni* G Ulmer, *Chimarra uschtu* H Malicky, and *C anam* H Malicky Holotype--Male; INDONESIA: Jawa Timur, W Trawas, 800 m, 07°40'S, 112°35'E, 21-iv-1-v-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java))

*Chimarra (Chimarra) armata* S Jacquemart, 1961 : AT ([preoccupied by L Navas, 1920, to be renamed] Democratic Republic of the Congo)

*Chimarra (Chimarra) assamensis* DE Kimmins, 1957 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 India)

*Chimarra (Chimarra) atara* H Malicky & P Chantaramongkol, 1993 : OL (Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262)

Reported from Thailand, Vietnam, Peninsular Malaysia by J Olah & H Malicky, 2010, Braueria, 2010, Braueria 37: 17 Thailand)

*Chimarra (Chimarra) aterrima* HA Hagen, 1861 : NA (

Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 187

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

Syn.: *Wormaldia buenoi* L Navas, 1934

*Chimarra (Chimarra) atilanoi* RJ Blahnik, 1998 : NA (Mexico (San Luis Potosi))

*Chimarra (Chimarra) atnia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) atripennis* N Banks, 1931 : OL (Malaysia (Sabah))

*Chimarra (Chimarra) augusta* JC Morse, 1971 : NA (HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 189 United States of America)

*Chimarra (Chimarra) aureofusca* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Chimarra (Chimarra) auriceps* HA Hagen, 1858 : OL (Sri Lanka)

*Chimarra (Chimarra) auricoma* DE Kimmins, 1957 : OL (Sri Lanka)

*Chimarra (Chimarra) auripilis* L Navas, 1933 : AT (Niger)

*Chimarra (Chimarra) auronitens* G Ulmer, 1906 : OL (Male redescribed by H Malicky, JP O'Connor, & P Ashe, 2009, Entomologist's Monthly Magazine 145: 80-82, f 6-10 Indonesia (Sulawesi))

*Chimarra (Chimarra) australica* G Ulmer, 1916 : AU (Male and female redescribed by DI Cartwright, 2002, Mem Mus Victoria 59(2): 397, 399, 412-413, f 62-64, 118-119 Holotype--Male; AUSTRALIA: Queensland, Malanda [date and collector unknown]; deposited in Naturhistoriska Riksmuseet,

Stockholm, Sweden (DI Cartwright, 2002, Mem Mus Victoria 59(2): 412) Australia)  
*Chimarra (Chimarra) australis* L Navas, 1923 : AU (Australia)  
*Chimarra (Chimarra) babarensis* KA Johanson & M Espeland, 2010 : AU (Male described originally Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, Babare River, 1 km W main road between roads L5 and L6, loc 09, light trap, 13-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))  
*Chimarra (Chimarra) babuyana* W Mey, 1998 : OL (Male described originally, related to *Chimarra furti* W Mey Holotype--Male; Philippines: Palawan, Cayasan, Bubuyan River, 5-6-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))  
*Chimarra (Chimarra) bachmana* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra aneca* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 1165 m, 16-ii-2006, light, Z Ecsedi and J Olah, Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) bacillorum* W Mey, 1990 : OL (Philippines)  
*Chimarra (Chimarra) baculifera* G Marlier, 1965 : AT (Angola)  
*Chimarra (Chimarra) bancha* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra thaiorum* P Chantaramongkol & H Malicky Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) batukaua* H Malicky, 1995 : OL (Indonesia (Bali))  
*Chimarra (Chimarra) beameri* DG Denning, 1950 : NA, NT ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

Syn.: *Chimarra calva* HH Ross, 1959

*Chimarra (Chimarra) belizensis* RJ Blahnik, 1998 : NT (Belize)  
*Chimarra (Chimarra) berenike* H Malicky, 1998 : OL (Indonesia (Java))  
*Chimarra (Chimarra) berghei* G Marlier, 1951 : AT (Democratic Republic of the Congo)  
*Chimarra (Chimarra) bertrandi* KMF Scott, 1974 : AT (Republic of South Africa)  
*Chimarra (Chimarra) bettinae* G Marlier & M Marlier, 1982 : AT (Reunion)  
*Chimarra (Chimarra) beylaensis* FM Gibon, 1986 : AT (Guinea)  
*Chimarra (Chimarra) biatec* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Chimarra (Chimarra) bibaringa* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra* mouldsi Group, from northeastern Australia Holotype--Male; AUSTRALIA: Queensland, Bellenden Ker Range, Cableway Base Stn, 100 m, 17-24 Oct 1981, Earthwatch/Queensland Museum (NMV, T-17844); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) bicolor* (N Banks, 1901) : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Morelos))

*Philopotamus bicolor* N Banks, 1901

Syn.: *Chimarra xesta* DG Denning, 1952

*Chimarra (Chimarra) bicolor* L Navas, 1932 : OL ([preoccupied in *Chimarra* by N Banks, 1901, to be renamed] India)

*Chimarra (Chimarra) bicoloroides* OS Flint, 1967 : NA (Mexico (Durango))

*Chimarra (Chimarra) bicuspidalis* CH Sun, 1998 : OL (China (Zhejiang))

*Chimarra (Chimarra) bidens* G Ulmer, 1909 : NT (Venezuela)

Syn.: *Chimarra caribea surinamensis* OS Flint, 1974

*Chimarra (Chimarra) bidentata* RJ Blahnik, 1998 : NT (Peru)

*Chimarra (Chimarra) bimbltona* H Malicky, 1979 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Vietnam by J Olah & H Malicky, 2010, Braueria 37: 22 India (Andaman Islands))

*Chimarra (Chimarra) biramosa* DE Kimmins, 1957 : AU (Male and female redescribed from Papua New Guinea (new record), Solomon Islands, and Bougainville by DI Cartwright, 2001, Mem Mus

New records reported from Solomon Islands (Guadalcanal, Kolombangara) by KA Johanson & M Espeland, 2010, Zootaxa 2638: 42 Holotype--Male; SOLOMON ISLANDS: Guadalcanal Island, Tapenanje, 10-15 Dec 1953, JD Bradley; deposited in The Natural History Museum, London, United Kingdom (DI Cartwright, 2001, Mem Mus Victoria 58(2): 225) Solomon Islands (Guadalcanal))  
*Chimarra (Chimarra) bispinosa* DG Gibbs, 1973 : AT (Ghana)  
*Chimarra (Chimarra) biungulata* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Chimarra (Chimarra) briseis* H Malicky, 1998 : OL (Reported new record from Indonesia (Sumatra) by J Olah & KA Johanson, 2010, Zootaxa 2618: 4

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Java))  
*Chimarra (Chimarra) bungoona* DI Cartwright, 2002 : AU (Male and female described originally in the Chimarra kaiya Group from northern Northern Territory Holotype--Male; AUSTRALIA: Northern Territory, Radon Springs, It tr, 14 Apr 1989, A Wells and P Suter (NMV, T-17660); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) burmana* DE Kimmins, 1957 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)  
*Chimarra (Chimarra) butleri* DG Denning, 1962 : NA (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)  
*Chimarra (Chimarra) caboverdensis* O Nybom, 1960 : AT (Cape Verde Islands)  
*Chimarra (Chimarra) cachina* ME Mosely, 1942 : OL (China (Fujian))  
*Chimarra (Chimarra) caimochina* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra juliatra J Olah & H Malicky Hootype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 700 m, 22-ii-2006, light, Z Ecsedi and J Olah, Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) calawiti* W Mey, 1995 : OL (Philippines)  
*Chimarra (Chimarra) callasae* FM Gibon, 1982 : AT (Mali)  
*Chimarra (Chimarra) calundoensis* G Marlier, 1965 : AT (Angola)  
*Chimarra (Chimarra) camerunensis* G Marlier, 1980 : AT (Cameroon)  
*Chimarra (Chimarra) cara* ME Mosely, 1936 : AT (Cameroon)  
*Chimarra (Chimarra) caribea* OS Flint, 1968 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Granada)  
*Chimarra (Chimarra) caribea tobaga* L Botosaneanu, 1990 ( ~caribea OS Flint, 1968, Proc US natn Mus 125 (3665): 14, figs)  
*Chimarra (Chimarra) cascada* RJ Blahnik, 1998 : NT (Costa Rica)  
*Chimarra (Chimarra) cenizae* W Mey, 2003 : OL (Male described originally near Chimarra danaokana W Mey Holotype--Male; PHILIPPINES: Leyte, Baybay, Mt Panasugan, 13-iv-1997, in the daytime, leg W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))  
*Chimarra (Chimarra) cereris* KH Barnard, 1934 : AT (Republic of South Africa)  
*Chimarra (Chimarra) cervicornis* W Mey, 2003 : OL (Male described originally reminiscent of Chimarra nigrella W Mey Holotype--Male; PHILIPPINES: Leyte, Baybay, Mt Panasugan, 13-iv-1997, leg W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))  
*Chimarra (Chimarra) ceylanica* DE Kimmins, 1957 : OL (Sri Lanka)  
*Chimarra (Chimarra) cheesmanae* DE Kimmins, 1962 : AU (New Guinea)  
*Chimarra (Chimarra) Chiangmaiensis* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)  
*Chimarra (Chimarra) chicapa* G Marlier, 1965 : AT (Angola)  
*Chimarra (Chimarra) chimalapa* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Tabasco))  
*Chimarra (Chimarra) chocoensis* RJ Blahnik, 1998 : NT (Colombia)  
*Chimarra (Chimarra) circularis* HA Hagen, 1859 : OL (Sri Lanka)  
*Chimarra (Chimarra) clara* ME Mosely, 1939 : AT (Uganda)  
*Chimarra (Chimarra) cogestla* H Malicky, 1993 : OL (Philippines)  
*Chimarra (Chimarra) cognata* DE Kimmins, 1957 : AT (Zimbabwe)



*Chimarra (Chimarra) coheni* RJ Blahnik, 1998 : NT (Ecuador)  
*Chimarra (Chimarra) colmillo* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)  
*Chimarra (Chimarra) coma* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Thailand)

*Chimarra (Chimarra) concava* DE Kimmins, 1957 : OL (Myanmar)  
*Chimarra (Chimarra) concolor* G Ulmer, 1905 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Chimarra (Chimarra) confusa* G Ulmer, 1907 : OL (Sri Lanka)  
*Chimarra (Chimarra) cornuta* HH Ross, 1959 : NT (Mexico (Chiapas))  
*Chimarra (Chimarra) cornuta* S Jacquemart & B Statzner, 1981 : AT ([preoccupied by HH Ross, 1959, to be renamed] Democratic Republic of the Congo)  
*Chimarra (Chimarra) creagra* OS Flint, 1981 : NT (Venezuela)  
*Chimarra (Chimarra) crena* J Bueno-Soria, 1983 : NT (Mexico (Veracruz))  
*Chimarra (Chimarra) crenobia* W Mey, 1995 : OL (Philippines)  
*Chimarra (Chimarra) crepidata* DE Kimmins, 1957 : OL (India)  
*Chimarra (Chimarra) cressae* RJ Blahnik, 1998 : NT (Venezuela)  
*Chimarra (Chimarra) crocifera* JC Morse, 1974 : AT (Republic of South Africa)  
*Chimarra (Chimarra) cucphuonga* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra yaorum P Chantaramongkol & H Malicky Holotype--Male; VIETNAM: Ninh Binh Province, Cucphuong National Park, 400 m, 27-ii-2006, light, Z Ecsedi and J Olah, Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) cumata* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495

Reported from Thailand, Vietnam by J Olah & H Malicky, 2010, Braueria 37: 18 Thailand)  
*Chimarra (Chimarra) curfmani* HH Ross, 1959 : NT (Mexico (Chiapas))  
*Chimarra (Chimarra) cyclopica* DE Kimmins, 1962 : AU (New Guinea)  
*Chimarra (Chimarra) dakronga* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra motranga J Olah & H Malicky Holotype--Male; VIETNAM: Quang Tri Province, Da Krong Nature Reserve, 2 km SE of HQ [Headquarters], light trap at forest stream, 16-v-2007, G Csorba; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) damqua* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra vibena H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 1165 m, 16-ii-2006, light, Z Ecsedi and J Olah, Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) danaokana* W Mey, 1998 : OL (Male described originally, related to *Chimarra adiatulla* H Malicky Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, effluent to Lake Danao, 1200 m, 21-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Chimarra (Chimarra) decimlobata* OS Flint, 1991 : NT (Colombia)  
*Chimarra (Chimarra) dejongi* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the *Chimarra digitata* Group near *Chimarra phlegyas* H Malicky Holotype--Male; MALAYSIA: Sabah, 60 km W Lahad Datu, Danum Valley Field Centre, nature trail brooklet, 04°58'N, 117°48'E, 180 m, 9-13-ix-1986, J Huisman; UMSP000208644; deposited in the Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))  
*Chimarra (Chimarra) deksamensis* H Malicky, 1999 : AT (Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 550 Holotype--XXX?; YEMEN: Socotra, Deksam-Plateau South Yemen (Socotra Island))  
*Chimarra (Chimarra) demeter* H Malicky, 2000 : OL (Male redescribed in the *Chimarra digitata* Group near *Chimarra devogeli* RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor

Entomologie 152: 114-115, f 3 Holotype--Male; MALAYSIA: Sabah; deposited in the H Malicky Collection, Lunz am See, Austria (RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 114) Malaysia (Sabah))

*Chimarra (Chimarra) dentosa* HH Ross, 1948 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Michoacan))

*Chimarra (Chimarra) derogata* A Neboiss, 2002 : AU (male described originally Holotype--Male; Australia: Tasmania, Great Lake, small stream S of Breona, 27 Jan 1960, F McDonald; male genitalia preparation PT-802 illustrated; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Chimarra (Chimarra) devogeli* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the *Chimarra digitata* Group near *Chimarra tawitawi* H Malicky Holotype--Male; MALAYSIA: Sabah, Long Pa Sia, confluence SG Pa Sia & Sg Matang, 04\*24'N, 115\*43'E, 1000 m, 1-iv-1987, J Huisman; UMSP000107190; Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))

*Chimarra (Chimarra) devva* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Thailand)

*Chimarra (Chimarra) dexara* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra haimuoimot* H Malicky Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) diaphana* SK Ghosh & M Chaudhury, 1999 : OL (India)

*Chimarra (Chimarra) digitata* AV Martynov, 1935 : OL (India)

*Chimarra (Chimarra) dioni* FM Gibon, 1986 : AT (Guinea)

*Chimarra (Chimarra) dirke* H Malicky & P Thamsenanupap, 2000 : OL (Thailand)

*Chimarra (Chimarra) discolor* DE Kimmins, 1957 : OL (Myanmar)

*Chimarra (Chimarra) divergena* DG Gibbs, 1973 : AT (Ghana)

*Chimarra (Chimarra) doisongta* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra namcatiena* J Olah & H Malicky Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 100 m, 22-ii-2007, light, G Simay; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) dolabrifera* OS Flint & L Reyes-Arrunategui, 1991 : NT (Ecuador)

*Chimarra (Chimarra) drepane* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the *Chimarra digitata* Group near *Chimarra monorum* P Chantaramongkol & H Malicky Holotype--Male; MALAYSIA: Sabah, 10 km SE Ranau, Kg Nalapak, Sg Kananapun, 05\*59'N, 116\*47'E, 350 m, 7-ii-1987, J Huisman; UMSP000107169; Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))

*Chimarra (Chimarra) duckworthi* OS Flint, 1967 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Costa Rica)

*Chimarra (Chimarra) dudosa* RJ Blahnik, 1998 : NT (Panama)

*Chimarra (Chimarra) dultitensis* DE Kimmins, 1955 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Listed from the Philippines (Mindanao, Tawi Tawi), Indonesia (Sumatra), and Malaysia (Borneo [Sarawak]) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88

Male redescribed in the *Chimarra digitata* Group by RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 118-119, f 6 Holotype--Male; MALAYSIA: Sarawak; deposited in The Natural History Museum, London, United Kingdom (RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 118) Malaysia (Sarawak))

*Chimarra (Chimarra) dumoga* H Malicky, JP O'Connor, & P Ashe, 2009 : OL (Male described originally near *Chimarra auronitens* G Ulmer Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park (no = Bogani Nani Wartabone National Park), light trap at a house on a hill overlooking the dam on the River Toraut, 8-9-ix-1985, leg Sylvia Meek, S44; deposited in the National Museum of Ireland, Dublin, Ireland Indonesia (Sulawesi))

*Chimarra (Chimarra) dybowskiana* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) eccaio* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Chimarra (Chimarra) elga* ME Mosely, 1939 : AT (Kenya)

*Chimarra (Chimarra) elia* HH Ross, 1944 : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 United States of America)

Syn.: *Chimarra barranca* DG Denning, 1962

Syn.: *Chimarra lara* DG Denning, 1971

*Chimarra (Chimarra) elviomar* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Chimarra (Chimarra) embia* HH Ross, 1959 : NA, NT (Male re-illustrated by RJ Blahnik, RW Holzenthal, A Prather, 2007, Proc Internatn Symp Trichoptera 12: 9-14

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Chiapas))

Syn.: *Chimarra rizona* DG Denning, 1962

Syn.: *Chimarra spicula* DG Denning, 1962

Syn.: *Chimarra stellula* DG Denning, 1962

*Chimarra (Chimarra) emima* HH Ross, 1959 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Panama)

*Chimarra (Chimarra) espinosa* RJ Blahnik, 1998 : NA (Mexico (San Luis Potosi))

*Chimarra (Chimarra) evoluta* DE Kimmins, 1957 : AT (Zimbabwe)

*Chimarra (Chimarra) exapia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) excavata* DE Kimmins, 1957 : OL (Myanmar)

*Chimarra (Chimarra) exilis* C Sun, 2007 : OL (Male described originally near *Chimarra shanorum* P Chantaramongkol & H Malicky Holotype--Male; CHINA: Guangxi Province, Jinxiu Yao minority autonomous county, 24.1°N, 110.1°E, 750 m elev, 2-vi-1994, collected by Tao Zeng; deposited in the Insect Museum, Nanjing Agricultural University, People's Republic of China China (Guangxi))

*Chimarra (Chimarra) falcata* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) falcifera* S Jacquemart, 1966 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) ferculata* PK Lago & SC Harris, 1987 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 192 United States of America)

*Chimarra (Chimarra) fallax* (G Ulmer, 1912) : AT (Cameroon)

*Wormaldia fallax* G Ulmer, 1912

*Chimarra (Chimarra) fansipangensis* W Mey, 1998 : OL (Male described originally near *Chimarra inthanonensis* P Chantaramongkol & H Malicky, 1989

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, Okuiho be Sa Pa, 24-25-iii-1995, 1100 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Chimarra (Chimarra) fenestrata* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Chimarra (Chimarra) feria* HH Ross, 1941 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 190 United States of America)

*Chimarra (Chimarra) feuerborni* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) flaviventris* DE Kimmins, 1957 : OL (Myanmar)

*Chimarra (Chimarra) flinti* J Bueno-Soria, 1985 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Oaxaca))

*Chimarra (Chimarra) florida* HH Ross, 1944 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 192 United States of America)

*Chimarra (Chimarra) fluctuata* C Sun, 2007 (Male described originally near *Chimarra senticosa* C Sun & H Malicky Holotype--Male; China: Henan Province; deposited in the Nanjing Agricultural

University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Henan))  
*Chimarra (Chimarra) foliata* DE Kimmins, 1959 : AT (Uganda)  
*Chimarra (Chimarra) formosa* L Botosaneanu & R de Vos, 2006 : AU (Referred to as *Chimarra formosae* by KA Johanson & M Espeland, 2010, *Zootaxa* 2638: 28 Papua New Guinea)  
*Chimarra (Chimarra) formosana* G Ulmer, 1915 : OL (Taiwan)  
*Chimarra (Chimarra) fulianae* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the *Chimarra digitata* Group near *Chimarra tityos* H Malicky and *Chimarra terramater* H Malicky and *Chimarra xiphosella* RJ Blahnik, RW Holzenthal, & J Huisman Holotype--Male; MALAYSIA: Sabah, 12 km NNE Ranau, Poring Hot Spring, Sg Kepungit, 06°03'N, 116°42'E, 550 m, 24-i-1987, J Huisman; UMSP000107250; deposited in the Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))  
*Chimarra (Chimarra) fulmeki* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Indonesia (Sumatra))

*Chimarra (Chimarra) furcata* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)  
*Chimarra (Chimarra) furti* W Mey, 1998 : OL (Male described originally, sister species to *Chimarra babuyana* W Mey Holotype--Male; Philippines: Palawan, Cayasan, Bubuyan River, 5-6-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))  
*Chimarra (Chimarra) fusca* DE Kimmins, 1957 : OL (India)  
*Chimarra (Chimarra) fuscipes* DE Kimmins, 1958 : AT (Mozambique)  
*Chimarra (Chimarra) gemmal* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Indonesia (Sumatra))

*Chimarra (Chimarra) georgensis* KH Barnard, 1934 : AT (Republic of South Africa)  
*Chimarra (Chimarra) gerson* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDONESIA: E Kalimantan, Kayau-Mentarang Nature Reserve, 02°52'N, 115°49'E, 378 m, 28-iii-16-iv-1994, leg B Hubley & DC Darling; deposited via Royal Ontario Museum, Toronto, Ontario, Canada, into Zoological Museum, Berlin, Germany Indonesia (Kalimantan))  
*Chimarra (Chimarra) gether* H Malicky, 2009 : OL (Male described originally near *Chimarra ard* H Malicky and *Chimarra argax* H Malicky

Reported from Vietnam by J Olah & H Malicky, 2010, *Braueria* 37: 23 Holotype--Male; VIETNAM: Dac Lac, Yok Don National Park, HQ, ca 2 km SE Ban Ban Don, 12°53'N, 107°48'E, 22-31-v-1999, leg DC Darling & DC Currie; 974004; deposited in the Royal Ontario Museum, Toronto, Ontario Vietnam)

*Chimarra (Chimarra) gibba* RJ Blahnik, 1998 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 45 Costa Rica)  
*Chimarra (Chimarra) gigama* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Indonesia (Sumatra))

*Chimarra (Chimarra) glaubrechtii* W Mey, 2006 : OL (Male described originally near *Chimarra adnama* H Malicky Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 15-x-2005, leg W Mey; deposited in the Indonesian Institute of Sciences, Bogor, Indonesia Indonesia (Sulawesi))  
*Chimarra (Chimarra) godagama* F Schmid, 1958 : OL (Sri Lanka)  
*Chimarra (Chimarra) gondela* OS Flint, 1974 : NT (Surinam)  
*Chimarra (Chimarra) goroca* JL Sykora, 1967 : AU (New Guinea)  
*Chimarra (Chimarra) gressitti* JL Sykora, 1967 : AU (New Guinea)  
*Chimarra (Chimarra) guanacasteca* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)  
*Chimarra (Chimarra) guatemalensis* RJ Blahnik, 1998 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 45 Guatemala)  
*Chimarra (Chimarra) guentheri* W Mey, 2006 : AU (Male described originally near *Chimarra papuana* DE Kimmins, *Chimarra schmidi* DE Kimmins, and *Chimarra sabrona* DE Kimmins Holotype--Male;

"DN Guinea T-40/ Lager 7 26-v-12/ Kais Augustafel Exp/Buergers SG"; abdomene mounted as microscope preparation, genitalia slide Mey 22/06; deposited in the Museum fuer Naturkunde Berlin, Germany Papua New Guinea)

*Chimarra (Chimarra) guiva* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra juliana J Olah & H Malicky Holotype--Male; VIETNAM: Vinh Phue Province, Tamdao, 1300 m, 16-x-1986, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) gunungkawi* H Malicky, 1995 : OL (Indonesia (Bali))

*Chimarra (Chimarra) gyrospina* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the Chimarra digitata Group near Chimarra antheae RJ Blahnik, RW Holzenthal, & J Huisman; Chimarra phlegyas H Malicky; and Chimarra thyestes H Malicky Holotype--Male; MALAYSIA: Sabah, 1/2 way, road Melligan to Long Pa Sia, 04\*35'N, 115\*42'E, 1200 m, 15-xii-1986, J Huisman; UMSP000107290; deposited in the Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))

*Chimarra (Chimarra) haesitationis* L Botosaneanu, 1994 : NT (Guadeloupe)

*Chimarra (Chimarra) haimuoi* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Chimarra (Chimarra) haimuoiba* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from other localities in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 20 Vietnam)

*Chimarra (Chimarra) haimuoibon* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from other localities in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 20 Vietnam)

*Chimarra (Chimarra) haimuoihai* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from other localities in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 20 Vietnam)

*Chimarra (Chimarra) haimuoimot* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from other localities in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 20 Vietnam)

*Chimarra (Chimarra) haimuoinam* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from other localities in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 20 Vietnam)

*Chimarra (Chimarra) hairouna* L Botosaneanu, 1990 : NT (Saint Vincent)

*Chimarra (Chimarra) hamularis* C Sun, 1997 (China (Henan))

*Chimarra (Chimarra) heliaca* W Mey, 1998 : OL (Philippines)

*Chimarra (Chimarra) helios* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Chiangmai Province, Chiang Dao National Park, Namtok Srisungwan, 600 m, 19\*37'N, 98\*57'E, 17-3-2002, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Chimarra (Chimarra) henryi* DE Kimmins, 1957 : OL (India)

*Chimarra (Chimarra) hezron* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Chimarra (Chimarra) hienghene* H Malicky, 1981 : AU (New Caledonia)

*Chimarra (Chimarra) hoangliensis* W Mey, 2005 : OL (Male described originally, near Chimarra mlabrionum P Chantaramongkol & H Malicky)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Holotype--Male; VIETNAM: Lao Cai Province, Sa Pa, Fan Si Pan Mts, 20-vi-1999, leg A Kallies; deposited in the Museum fuer Naturkunde Berlin, Berlin,

Germany Vietnam)

*Chimarra (Chimarra) holzenthali* PK Lago & SC Harris, 1987 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 191 United States of America)

*Chimarra (Chimarra) hoogstraali* HH Ross, 1956 : AT (Sudan)

*Chimarra (Chimarra) horok* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) houvichka* F Schmid, 1960 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Chimarra (Chimarra) htinorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) huonghoa* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra vitcona J Olah & H Malicky Holotype--Male; VIETNAM: Quang Tri Hue Province, Huong Noa Nature Reserve, near Cup Village, 16°56'15"N, 106°34'52"E, 400 m, 7-10-x-2007, light, leg G Csorba; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) igvarvaria* SI Melnitsky, 2005 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Dhawalagiri, Ghasa (24 km SW from Jomson), 28°37'N, 83°38'E, 2013 m, streams near river Kaligandaki, 16-iv-1998, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Nepal)

*Chimarra (Chimarra) indigota* ME Mosely, 1941 : AU (Fiji Islands)

*Chimarra (Chimarra) inflata* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) ino* G Marlier, 1981 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) intermedia* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) intexta* ME Mosely, 1931 : AT (Sierra Leone)

*Chimarra (Chimarra) inthanonensis* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) izabala* RJ Blahnik, 1998 : NT (Guatemala)

*Chimarra (Chimarra) jabal* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Loei, Ban Phangam, 700 m, Piangtin Waterfall and Suanhom Waterfall, 17°04'N, 101°45'E, 8-v-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Chimarra (Chimarra) jacobsoni* G Ulmer, 1951 : OL (Indonesia (Java))

*Chimarra (Chimarra) jahleel* H Malicky & W Mey, 2011 : OL (Male described originally Holotype--Male; INDONESIA: Molukken, Ambon Island, 200 m, 24-ii-1995, leg Salk; deposited in the Zoological Museum, Berlin, Germany Indonesia (Ambon))

*Chimarra (Chimarra) janzeni* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)

*Chimarra (Chimarra) jaroschi* H Malicky, 1994 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from other Vietnam locations by J Olah & H Malicky, 2010, Braueria 37: 21 Vietnam)

*Chimarra (Chimarra) jemima* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)

*Chimarra (Chimarra) jemuel* H Malicky & SI Melnitsky, 2010 (Male described originally in the Chimarra tsudai Group Holotype--Male; INDONESIA: Sulawesi, 5 km W Mamasa, 15-27-viii-2009, leg N Kluge; deposited in the Zoological Institute St. Petersburg Indonesia (Sulawesi))

*Chimarra (Chimarra) jiraprapa* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Chimarra (Chimarra) jisipu* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) joliveti* S Jacquemart, 1979 : OL (Reported from Vietnam by J Olah & H Malicky, 2010, Braueria 37: 21 Thailand)

*Chimarra (Chimarra) juliana* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra ravanna H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Vinh Phuc Province, Tamdao, 1300 m, 21-i-1986, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) juliatra* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra juliana J Olah & H Malicky Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) kabashana* (G Marlier, 1943) : AT (Democratic Republic of the Congo)

*Chimarrhafra kabashana* G Marlier, 1943

*Chimarra (Chimarra) kailishchandrai* H Malicky, 1997 : OL (India (South Andaman Island))

*Chimarra (Chimarra) kaiya* DI Cartwright, 2002 : AU (Male and female described originally in the

Chimarra kaiya Group from Cape York Peninsula and northern Northern Territory Holotype--Male; AUSTRALIA: Northern Territory, ARRS Radon Springs, It tr, 13-14 Apr 1988, A Wells and P Suter (NMV, T-17632); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) kaphtor* H Malicky & W Mey, 2011 : AU (Male described originally near Chimarra anoaclana H Malicky Holotype--Male; INDONESIA: Molukken, Bacan Island, Mt Sibela, 2-13-ii-1996, leg ?; deposited in the Zoological Museum, Berlin, Germany Indonesia (Bacan))

*Chimarra (Chimarra) karakara* DI Cartwright, 2002 : AU (Male and female described originally, in the Chimarra mouldsi Group, from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Gunshot Ck, Telegraph Crossing, UV It, 11\*44'S, 142\*29'E, 14-15 Feb 1992, Cartwright and Wells (NMV, T-17847); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) karenorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) kenya* G Ulmer, 1931 : AT (Kenya)

Syn.: *Chimarrha wittei* S Jacquemart, 1961

*Chimarra (Chimarra) ketla* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra corangira J Olah & H Malicky Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Duchma Stream, 22-x-1988, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) kewarra* DI Cartwright, 2002 : AU (Male and female described originally, in the Chimarra monticola Group near Chimarra australica G Ulmer, from southeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Searys Ck, Rainbow Beach, 25\*58'S, 153\*04'E, 7 Jan 1986, G Theischinger (NMV, T-17906); specimen CT-310 figured; deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) khamuorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam and Thailand by J Olah & H Malicky, 2010, Braueria 37: 23 Thailand)

*Chimarra (Chimarra) khasia* DE Kimmins, 1957 : OL (India)

*Chimarra (Chimarra) khula* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra schwendingeri P Chantaramongkol & H Malicky Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Duchma Stream, 22-x-1988, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) kokodana* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) kolombangensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near Chimarra veveensis KA Johanson & M Espeland Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, Poitete River, 200 m WSW Poitete on road L44, 103 m, loc 15, 07\*53.440'S, 157\*07.516'E, light trap, 14-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))

*Chimarra (Chimarra) koualeensis* KA Johanson & N Mary, 2009 : AT (Male described originally near Chimarra bertrandi KMF Scott, Chimarra callasae FM Gibon, and Chimarra sassandrae FM Gibon Holotype--Male; MADAGASCAR: Comoros Islands, Mayotte Island, Kouale River, affluent foret 1 (DAF-19), 12\*47'57.84"S, 45\*09'51.77"E, 201 m, 18-v-2006; abdomen slide mounted in Euparal, rest of body in alcohol; deposited in Museum National de l'Histoire Naturelle, Paris, France MADAGASCAR (Comoros Islands))

*Chimarra (Chimarra) krugeri* S Jacquemart, 1963 : AT (Republic of South Africa)

*Chimarra (Chimarra) kuala* J Olah, 1993 : OL (Malaysia (XX?))

*Chimarra (Chimarra) kumaonensis* AV Martynov, 1935 : OL (India)

*Chimarra (Chimarra) kwansiensis* C Hwang, 1957 : OL (China (Guangxi))

*Chimarra (Chimarra) lacaya* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra crepidata DE Kimmins Holotype--Male; VIETNAM: Quang Tri Province, Da Krong Nature Reserve, 2 km SE of Headquarters, light trap at forest stream, 16-v-2007, G Csorba; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) lacroixi* L Navas, 1921 : AT (Madagascar)

*Chimarra (Chimarra) lahuorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Thailand)

*Chimarra (Chimarra) langleyae* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) lankana* DE Kimmins, 1957 : OL (Sri Lanka)

*Chimarra (Chimarra) lannaensis* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam, as Chimarra lannaensis, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Vietnam, Thailand, Laos, Cambodia by J Olah & H Malicky, 2010, Braueria 37: 24 Thailand)

*Chimarra (Chimarra) larapinta* DI Cartwright, 2002 : AU (Male described originally in the Chimarra kaiya Group from northern Western Australia Holotype--Male; AUSTRALIA: Western Australia, 'Marun' CALM site 8/4, Prince Frederick Harbour, 15°00'S, 125°21'E, at light, 6-11 June 1988, ID Naumann; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Chimarra (Chimarra) lata* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Costa Rica)

*Chimarra (Chimarra) latiloba* W Mey, 2003 : OL (Male described originally near Chimarra nemet H Malicky Holotype--Male; PHILIPPINES: Leyte, Baybay, Mt Panasugan, 13-iv-1997, in the daytime, leg W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Chimarra (Chimarra) lavaorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) lejea* ME Mosely, 1948 (Aden)

*Chimarra (Chimarra) leopardi* S Jacquemart, 1981 : AU (Papua New Guinea)

*Chimarra (Chimarra) leta* ME Mosely, 1936 : AT (Cameroon)

*Chimarra (Chimarra) leucophlebia* L Navas, 1932 : OL (Philippines)

*Chimarra (Chimarra) lewisi* DE Kimmins, 1957 : OL (Sri Lanka)

*Chimarra (Chimarra) lichiuensis* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Chimarra (Chimarra) limon* RJ Blahnik, 1998 : NT (Costa Rica)

*Chimarra (Chimarra) lissuorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) litugena* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Thailand)

*Chimarra (Chimarra) litussa* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) loanga* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra gether H Malicky and Chimarra monorum P Chantaramongkol & H Malicky Holotype--Male; VIETNAM: Ha Son Binh Province, Hoabinh, 20 km towards Tanlac, 27-x-1986 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) locolo* DI Cartwright, 2002 : AU (Male and female described originally in the Chimarra luminaris Group near Chimarra luminaris DI Cartwright from northern half of Northern Territory Holotype--Male; AUSTRALIA: Northern Territory, Litchfield National Park, UV light, 6 Jun 1991, Wells and Webber (NMV, T-17588); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) longispina* C Sun, 2007 : OL (Male described originally near Chimarra wushikangensis LP Hsu & CS Chen Holotype--Male; CHINA: Guizhou Province, Chishui City, 3 km southeast of Hushichang Town, 28.4°N, 105.9°E, 300 m elev, 11-vi-1995, collected by C Sun & B Wang; deposited in the Insect Museum, Nanjing Agricultural University, People's Republic of China China (Guizhou))

*Chimarra (Chimarra) longistylis* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) longiterga* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)

*Chimarra (Chimarra) longpela* DI Cartwright, 2001 : AU (Male and female described originally near Chimarra yulae DI Cartwright Holotype--Male; PAPUA NEW GUINEA: Bougainville Island, Panguna, light trap, 7 Dec 1989, C Yule; NMV T-17489; deposited in the Museum of Victoria, Melbourne, Australia Papua New Guinea (Bougainville Island))

*Chimarra (Chimarra) lorengau* H Malicky, 1994 : AU (Listed from Papua New Guinea (Manus) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Papua New Guinea (Manus))

*Chimarra (Chimarra) loriana* L Navas, 1933 : AU (New Guinea)

*Chimarra (Chimarra) lotta* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Chimarra (Chimarra) lucretia* H Malicky & P Thamsenanupap, 2005 : OL (Male described originally, near Chimarra crenobia W Mey, Chimarra longpela D Cartwright, Chimarra ophiognatha W Mey, Chimarra tagalica N Banks, and Chimarra yaloma H Malicky Holotype--Male; THAILAND: Prov Chiangmai, Doi Inthanon NP, Huai Sai Lueang WF, 18°31'N, 98°27'E, 1060 m, 5-21-iv-2002 (Malaise-falle), leg Thamsenanupap; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)



*Chimarra (Chimarra) lud* H Malicky & W Mey, 2011 : OL (Male described originally in the Chimarra tsudai Group near Chimarra sepho H Malicky & W Mey, Chimarra auronitens G Ulmer, and Chimarra dumoga H Malicky, JP O'Connor, & P Ashe Holotype--Male; INDONESIA: Irian Jaya, Manokwari, Weg to Makmer, 800 m, 10-ii-1994, leg ?; deposited in the Zoological Museum, Berlin, Germany Indonesia (Irian Jaya))

*Chimarra (Chimarra) lufirae* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) lukawaei* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) luminaris* DI Cartwright, 2002 : AU (Male and female described originally in the Chimarra luminaris Group near Chimarra locolo DI Cartwright from northern Western Australia Holotype--Male; AUSTRALIA: Western Australia, Fortescue R, Millstream, S of Roebourne, 22 Feb 1977, MS and BJ Moulds (NMV, T-17548); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) lupialae* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) luzonica* N Banks, 1913 : OL (Philippines)

*Chimarra (Chimarra) luzoquezonensis* W Mey, 2003 : OL (Male described originally near Chimarra mindanensis W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to the Agos River, leg W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Chimarra (Chimarra) lwirona* B Statzner, 1976 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) maculata* KA Johanson & M Espeland, 2010 : AU (Male described originally near Chimarra formosa L Botosaneanu & R de Vos (as Chimarra formosae), Chimarra luminaris D Cartwright, and Chimarra locolo D Cartwright Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, N slope of Mt Veve, 2.5 km S end of road L57, 723 m, loc 11, 07\*55.494'S, 157\*02.986'E, light trap, 12-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))

*Chimarra (Chimarra) magsaysayensis* W Mey, 2003 : OL (Male described originally near Chimarra heliaca W Mey, Chimarra adiatulla H Malicky, and Chimarra calawiti W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magasaysay, 9-iv-1997, tributary to the Agos River, leg W Mey, V samarita, and W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Chimarra (Chimarra) malaisei* DE Kimmins, 1957 : OL (Myanmar)

*Chimarra (Chimarra) manni* N Banks, 1924 : AU (Fiji Islands)

*Chimarra (Chimarra) maoga* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra haimuomot H Malicky and Chimarra spinifera DE Kimmins Holotype--Male; VIETNAM: Quang Tri Hue Province, Huong Hoa Nature Reserve, near Cup village, 16\*56'15"N, 106\*34'52"E, 400 m, 7-10-xi-2007 [G Csorba]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) maoi* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanli Pavilion, 640 m elev, 1-IX-1998, Malaise trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Chimarra (Chimarra) marginata* (C Linnaeus, 1767) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 194

Degree of intolerance score (DIS) of 5.28 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, Lauterbornia 56: 155-167

Molecular phylogeographic analysis completed by N Bonada, C Murria, C Zamora-Munoz, ME Alami,

JM Poquet, T Punti, JL Moreno, N Bennis, J Alba-Tercedor, C Ribera, & N Prat, 2009, *Global Ecology and Biogeography* 18: 202-213 Sweden)

*Phryganea marginata* C Linnaeus, 1767

Syn.: *Phryganea aurovittata* L Dufour, 1841

*Chimarra (Chimarra) mars* H Malicky, 2007 : OL (Male described originally Holotype--Male; BHUTAN: Trongsa, Chandjichhu bei Cherdebbi, 27\*29'N, 90\*20'E, 2470 m, 23-iv-2006, Malicky; Tagfang; dleiner Fluss im Kulturland; deposited in the NECS, Thimphu Bhutan)

*Chimarra (Chimarra) massana* H Malicky, 1994 : AU (Papua New Guinea (Bismarck Archipelago))

*Chimarra (Chimarra) matura* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) mauritania* S Jacquemart, 1960 : AT (Mauritius)

*Chimarra (Chimarra) mayottensis* KA Johanson & N Mary, 2009 : AT (Male described originally near *Chimarra crocifera* JC Morse, *Chimarra pondoensis* KH Barnard, *Chimarra krugeri* (S Jacquemart), *Chimarra falcifera* S Jacquemart, and *Chimarra trispina* (S Jacquet) Holotype--Male; MADAGASCAR: Comoros Islands, Mayotte Island, Kouale River, affluent forst 2 (DAF-20), 12\*47'42.65"[S], 45\*09'58.93"E, 220 m, 18-v-2006; abdomen in slide mounted in Euparal, rest of body in alcohol; deposited in Museum National de l'Histoire Naturelle, Paris, France Madagascar (Comoros Islands))

*Chimarra (Chimarra) megara* H Malicky, 2007 : OL (Male described originally near *Chimarra nepalensis* Kimmins Holotype--Male; BHUTAN: Punakha, Dungkhar Rongchhu, 27\*39'N, 89\*46'E, 1370 m, 24-iv-2006, Graf & Malicky; Lichtfallen und Tagfang; Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in the NECS, Thimphu Bhutan)

*Chimarra (Chimarra) meorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam and Thailand by J Olah & H Malicky, 2010, *Braueria* 37: 23 Thailand)

*Chimarra (Chimarra) mindanensis* W Mey, 1998 : OL (Philippines)

*Chimarra (Chimarra) minima* G Ulmer, 1907 : AT (Togo)

*Chimarra (Chimarra) minuta* AV Martynov, 1935 : OL (India)

*Chimarra (Chimarra) mitis* (HA Hagen, 1858) : OL (Sri Lanka)

*Hydropsyche mitis* HA Hagen, 1858

Syn.: *Polycentropus rufus* HA Hagen, 1859

*Chimarra (Chimarra) mlabriorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29 Thailand)

*Chimarra (Chimarra) moira* H Malicky & T Prommi, 2004 : OL (Male described originally Holotype--Male; Thailand: Kanchanaburi Province, Thongpapum District, 14\*38'N, 98\*35'E, 208 m, 2-3-11-2002, leg T Prommi; deposited in the H Malicky Collection, Lunz and See, Austria Thailand)

*Chimarra (Chimarra) momma* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) mommaides* W Mey, 1998 : OL (Male described originally near *Chimarra momma* H Malicky & P Chantaramongkol, 1993

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 25-30-iii-1995, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Chimarra (Chimarra) mongelutonga* H Malicky, 1979 : OL (India (Andaman Islands))

*Chimarra (Chimarra) monorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) montana* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Chimarra (Chimarra) monticola* DE Kimmins, 1953 : AU (Male and female redescribed by DI Cartwright, 2002, *Mem Mus Victoria* 59(2): 397, 399, 412, f 59-61, 122-123 Holotype--Male; AUSTRALIA: New South Wales, Rules, Point, 4450 ft, 30 Dec 1934, RJ Tillyard; deposited in The Natural History Museum, London, United Kingdom (DI Cartwright, 2002, *Mem Mus Victoria* 59(2): 412) Australia)

*Chimarra (Chimarra) moselyi* DG Denning, 1948 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), *J New York Entomol Soc* 106(4): 193 United States of America)

Syn.: *Chimarra perigua* HH Ross, 1948

*Chimarra (Chimarra) motranga* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra thanglena* J Olah & H Malicky Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Duchma Stream, 26-x-1988, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) mouldsi* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra mouldsi* Group, from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Upper Freshwater Ck, Whitfield Range nr Cairns, 15 Dec 1974, Moulds (NMV, T-17835); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) munozi* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)  
*Chimarra (Chimarra) muoibay* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)  
*Chimarra (Chimarra) muoichin* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from Vietnam and Cambodia by J Olah & H Malicky, 2010, Braueria 37: 23 Vietnam)  
*Chimarra (Chimarra) muoitam* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Reported from Vietnam by J Olah & H Malicky, 2010, Braueria 37: 23 Vietnam)  
*Chimarra (Chimarra) mushuvae* G Marlier, 1951 : AT (Democratic Republic of the Congo)  
*Chimarra (Chimarra) mussaua* H Malicky, 1994 : AU (Listed from Papua New Guinea (St Matthias Islands, Mussau, and Bismark Archipelago, New Britain) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Papua New Guinea (St Matthias Islands, Mussau))  
*Chimarra (Chimarra) nabilla* DI Cartwright, 2002 : AU (Male and female described originally, in the Chimarra adaluma Group near Chimarra yoolumba DI Cartwright, from northern Western Australia and northern Northern Territory Holotype--Male; AUSTRALIA: Western Australia, Kimberley, Prince Regent River, King Cascade, MV light, 27 Jul 1990, DK Yeates (NMV, T-17799); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) nahat* H Malicky & W Mey, 2010 : OL (Male described originally near Chimarra adnama H Malicky Holotype--Male; INDONESIA: Zentral-Sulawesi, Puncak, 1000 m, 22-ii-1994, leg ?; deposited in the Zoological Museum, Berlin, Germany Indonesia (Sulawesi))  
*Chimarra (Chimarra) nahesson* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Thailand)  
*Chimarra (Chimarra) natalicia* DI Cartwright, 2002 : AU (Male and female described originally in the Chimarra natalicia Group near Chimarra neboissi DI Cartwright from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Birthday Ck, 3.5 km WNN Paluma, 18\*50'S, 146\*10'E, at light, 8 Oct 1989, R St Clair (NMV, T-17688); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) neboissi* DI Cartwright, 2002 : AU (Male and female described originally in the Chimarra natalicia Group near Chimarra natalicia DI Cartwright from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Little Mulgrave R, 9 km SW of Gordonvale, 17 Nov 1979, A Neboiss (NMV, T-17722); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) nemet* H Malicky, 1993 : OL (Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)  
*Chimarra (Chimarra) nepalensis* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Chimarra (Chimarra) nervosa* (F Brauer, 1867) : AU (Fiji Islands)  
*Wormaldia nervosa* F Brauer, 1867  
*Chimarra (Chimarra) nigra* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Chimarra (Chimarra) nigrella* W Mey, 1995 : OL (Philippines)  
*Chimarra (Chimarra) nigrorosea* F Schmid, 1960 : OL (Pakistan)  
*Chimarra (Chimarra) noebia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Chimarra (Chimarra) nonna* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Chimarra (Chimarra) nunenada* SI Melnitsky, 2005 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Dhawalagiri, small stream near Tirkhedhunga (27 km NW from Pokhara), 28\*23'N, 83\*45'E, 1577 m, 20-iv-1998, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Nepal)  
*Chimarra (Chimarra) oaxaca* RJ Blahnik, 1998 : NT (Mexico (Oaxaca))

*Chimarra (Chimarra) obscura* (F Walker, 1852) : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 194 Canada)

? *Beraea obscura* F Walker, 1852

Syn.: *Chimarrha lucia* C Betten, 1934

Syn.: *Wormaldia plutonis* N Banks, 1911

*Chimarra (Chimarra) obscurella* N Banks, 1924 : AU (Fiji Islands)

*Chimarra (Chimarra) oinone* H Malicky, 2007 : OL (Male described originally near *Chimarra briseis* H Malicky Holotype--Male; BHUTAN: Punakha, Dungkhar Rongchhu, 27°39'N, 89°46'E, 1370 m, 24-iv-2006, Graf & Malicky; Lichtfallen und Tagfang; Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in the NECS, Thimphu Bhutan)

*Chimarra (Chimarra) okuihorum* W Mey, 1998 : OL (Male described originally near *Chimarra khamuorum* P Chantaramongkol & H Malicky, 1989)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27

Reported from Vietnam and Thailand by J Olah & H Malicky, 2010, Braueria 37: 23 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, Okuiho bei Sa Pa, 24-25-iii-1995, 100 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Chimarra (Chimarra) onima* OS Flint, 1991 : NT (Colombia)

*Chimarra (Chimarra) opaca* W Mey, 1998 : OL (Male described originally in the *Chimarra kumaonensis* Group)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 22-29-iv-1995, light trap, 1600 m, V Siniav; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Chimarra (Chimarra) ophiognatha* W Mey, 1998 : OL (Male described originally, similar to *Chimarra bacillorum* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, at the light, 700 m, 20-25-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Chimarra (Chimarra) oreithya* H Malicky, 2007 : OL (Male described originally near *Chimarra semiramis* H Malicky Holotype--Male; BHUTAN: Tsirang, Tsirang Rong Chhu, 26°59'N, 90°09'E, 1700 m, 18-iv-2006, Graf & Malicky, Lichtfallen, Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in NECS, Thimphu Bhutan)

*Chimarra (Chimarra) ortiziana* OS Flint, 1967 : NT (Mexico (Veracruz))

*Chimarra (Chimarra) orumbera* DI Cartwright, 2002 : AU (Male and female described originally in the *Chimarra kaiya* Group from northern Western Australia Holotype--Male; AUSTRALIA: Western Australia, Kimberley, Prince Regent R, 15°47'S, 125°24'E, May 1985, E Bloomfield (NMV, T-17664); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) ovalis* HH Ross, 1959 : NT (Mexico (Chiapas))

*Chimarra (Chimarra) palawana* H Malicky, 1994 : OL (Listed from the Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Palawan))

*Chimarra (Chimarra) panguna* DI Cartwright, 2001 : AU (Male described originally Holotype--Male; PAPUA NEW GUINEA: Bougainville Island, Panguna, light trap, 29 Aug 1988, C Yule; NMV T-17503; deposited in the Museum of Victoria, Melbourne, Australia Papua New Guinea (Bougainville Island))

*Chimarra (Chimarra) papuana* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) paracreagra* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) paraortiziana* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)

*Chimarra (Chimarra) parasocia* PK Lago & SC Harris, 1987 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 195 United States of America)

*Chimarra (Chimarra) pasiphae* H Malicky, 2007 : OL (Male described originally near *Chimarra oreithya* H Malicky Holotype--Male; BHUTAN: Paro, Naguchhu bei Nago, 27°16'N,

89°24'E, 1-v-2006, Graf & Malicky; Tagfang; kleiner Wildbach im Wald mit kleinen Wasserfaellen und Becken; deposited in the NECS, Thimphu Bhutan)  
*Chimarra (Chimarra) pataplan* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Chimarra (Chimarra) pedalis* N Banks, 1931 : OL (Malaysia (Peninsular))  
*Chimarra (Chimarra) peineta* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)  
*Chimarra (Chimarra) pelaezi* J Bueno-Soria, 1985 : NT (Mexico (Guerrero))  
*Chimarra (Chimarra) petri* DG Gibbs, 1973 : AT (Ghana)  
 Syn.: *Chimarra voltae* G Marlier, 1978  
*Chimarra (Chimarra) philipponi* FM Gibon, 1986 : AT (Guinea)  
*Chimarra (Chimarra) phlegyas* H Malicky, 2008 : OL (Male described originally

Male redescribed in the *Chimarra digitata* Group near *Chimarra dejongi* RJ Blahnik, RW Holzenthal, & J Huisman by RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 122-123, f 9, 40 Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 29-vii-2000, B0121PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Chimarra (Chimarra) phuwa* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Mae Hong Son, Mo Paeng Waterfall, 900 m, 19°23'N, 098°24'E, 11-iv-2000; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Chimarra (Chimarra) picea* L Navas, 1924 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)  
*Chimarra (Chimarra) pillara* DI Cartwright, 2002 : AU (Male and female described originally in the *Chimarra kaiya* Group from northern Western Australia and Northern Territory Holotype--Male; AUSTRALIA: Western Australia, 'The Crusher' CALM site 9/1, 4 km S by W mining camp, Mitchell Plateau, 14°52'S, 125°50'E, 2-6 Jun 1988, ID Naumann; deposited in the Australian National Insect Collection, Canberra, Australia Australia)  
*Chimarra (Chimarra) pilosella* L Navas, 1932 : OL (India)  
*Chimarra (Chimarra) pinga* DI Cartwright, 2001 : AU (Male and female described originally Holotype--Male; PAPUA NEW GUINEA: Bougainville Island, Panguna, light trap, 17 Dec 1988, C Yule; NMV T-17505; deposited in the Museum of Victoria, Melbourne, Australia Papua New Guinea (Bougainville Island))  
*Chimarra (Chimarra) pipake* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Thailand)  
*Chimarra (Chimarra) pita* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra adaluma* Group near *Chimarra akruna* DI Cartwright, from northern Western Australia and northern Northern Territory Holotype--Male; AUSTRALIA: [Western Australia], Mitchell Plateau, Camp Ck, lt tr, 13 Jul 1978, P Suter and M Tyler (NMV, T-17828); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) platyrhina* OS Flint, 1981 : NT (Venezuela)  
*Chimarra (Chimarra) podarge* H Malicky & P Thamsenanupap, 2007 : OL (Male described originally near *Chimarra horok* H Malicky Holotype--Male; THAILAND: Thailand)  
*Chimarra (Chimarra) pollex* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)  
*Chimarra (Chimarra) polyneikes* H Malicky, 2008 : OL (Male described originally near *Chimarra pipake* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 04-viii-2000, B0631PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Chimarra (Chimarra) pondoensis* KH Barnard, 1941 : AT (Republic of South Africa)  
*Chimarra (Chimarra) pontos* H Malicky, 2007 : OL (Male described originally near *Chimarra oreithyia* H Malicky Holotype--Male; BHUTAN: Tsirang, Tsirang Rong Chhu, 26°59'N, 90°09'E, 1700 m, 18-iv-2006, Graf & Malicky, Lichtfallen, Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in NECS, Thimphu Bhutan)  
*Chimarra (Chimarra) poolei* OS Flint, 1981 : NT (Venezuela)

*Chimarra (Chimarra) potamophila* W Mey, 1995 : OL (Philippines)  
*Chimarra (Chimarra) potosi* RJ Blahnik, 1998 : NA (Mexico (San Luis Potosi))  
*Chimarra (Chimarra) primula* DG Denning, 1950 : NA (  
Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 5, f 15a

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

Syn.: *Chimarra volenta* HH Ross, 1959

*Chimarra (Chimarra) prisna* P Chantaramongkol & H Malicky, 1986 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Sri Lanka)

*Chimarra (Chimarra) prodhoni* FM Gibon, 1985 : AT (Ivory Coast)

*Chimarra (Chimarra) prokrustes* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 04-viii-2000, B0631PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Chimarra (Chimarra) protuberans* RJ Blahnik, 1998 : NT (Peru)

*Chimarra (Chimarra) pulla* L Navas, 1932 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Chimarra (Chimarra) pumila* N Banks, 1920 : NT (Ecuador)

*Chimarra (Chimarra) pylaea* DG Denning, 1941 : NA (Mexico (Neuvo Leon))

*Chimarra (Chimarra) quadratiterga* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) quadridigitata* L Yang, C Sun, & W Yang, 2001 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Tianmushan, Dahenglu, 1200 m, 9-10-1998, Malaise trap, collected by Zhao Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Chimarra (Chimarra) quadrispinosa* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) quitacalzon* RJ Blahnik, 1998 : NT (Peru)

*Chimarra (Chimarra) quyenta* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra devva* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Ninh Binh Province, Cucphuong National Park, 400 m, 18-x-1986 (J Olah); deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) rafita* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) ram* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Nepal)

*Chimarra (Chimarra) rama* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Thailand)

*Chimarra (Chimarra) ramakien* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) ranuka* DI Cartwright, 2002 : AU (Male described originally, in the *Chimarra un kara* Group near *Chimarra un kara* DI Cartwright, from Northern Territory Holotype--Male; AUSTRALIA: Northern Territory, Litchfield National Park, UV light, 6 Jun 1991, Wells and Webber (NMV, T-17735); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) ravanna* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Thailand)

*Chimarra (Chimarra) reasilvia* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; Thailand: Surat Thani prov, Khaosok National Park, Mae Yai Waterfall, 287 m, 8\*53'N, 98\*21'E, 4-iv-2005; deposited in the H Malicky Collection, Lunz amd See, Austria Thailand)

*Chimarra (Chimarra) recta* G Ulmer, 1930 : OL (Philippines)

*Chimarra (Chimarra) regu* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Huai Huat National Park, 400 m, 16°55'N, 104°11'E, 19-iv-1996; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Chimarra (Chimarra) reyangensis* SK Ghosh & M Chaudhury, 1999 : OL (India)  
*Chimarra (Chimarra) rhamphodes* RJ Blahnik, 1998 : NT (Peru)  
*Chimarra (Chimarra) rhodesi* DE Kimmins, 1957 : AT (Zimbabwe)  
*Chimarra (Chimarra) ridleyi* DG Denning, 1941 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46

Female described by DE Ruiters & DW Blinn, 2009, Braueria 36: 5, f 16a

Reported from Arizona by Blinn & Ruiters, 2009, Southwestern Naturalist 54(2): 182-194 Mexico (Nuevo Leon))

*Chimarra (Chimarra) robynsi* (S Jacquemart, 1967) : AT (Democratic Republic of the Congo)

*Chimarrhafa robynsi* S Jacquemart, 1967

*Chimarra (Chimarra) rosavensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near *Chimarra aureofusca* DE Kimmins, *Chimarra adaluma* D Cartwright, and *Chimarra yoolumba* D Cartwright Holotype--Male; SOLOMON ISLANDS: Guadalcanal Province, Guadalcanal, Weather Coast, Kusumba Region, Talin River, 30 m S junction with Rosava River, 70 m, loc 19, 09°36.724'S, 159°41.234'E, light trap [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Guadalcanal))

*Chimarra (Chimarra) ruficeps* G Ulmer, 1913 : AT (Republic of South Africa)

*Chimarra (Chimarra) sabrona* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) sadayu* H Malicky, 1993 : OL (China (Fujian))

*Chimarra (Chimarra) saganeitina* L Navas, 1932 : AT (Ethiopia)

Syn.: *Chimarrha antinorina* L Navas, 1932

*Chimarra (Chimarra) sandhamma* F Schmid, 1958 : OL (Sri Lanka)

*Chimarra (Chimarra) sassandrae* FM Gibon, 1982 : AT (Ivory Coast)

*Chimarra (Chimarra) saudia* H Malicky, 1986 (Saudi Arabia)

*Chimarra (Chimarra) schiza* HH Ross, 1959 : NA, NT (Female described by DE Ruiters & DW Blinn, 2009, Braueria 36: 5, f 17a Mexico (Oaxaca))

*Chimarra (Chimarra) schmidi* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) schwendingeri* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)

*Chimarra (Chimarra) scopulifera* DE Kimmins, 1957 : OL (Myanmar)

*Chimarra (Chimarra) sedlaceki* JL Sykora, 1967 : AU (New Guinea)

*Chimarra (Chimarra) segmentipennis* (C Hwang, 1957) : OL (China (Fujian))

*Chimarrha segmentipennis* C Hwang, 1957

*Chimarra (Chimarra) semiramis* H Malicky, 2007 : OL (Male described originally near *Chimarra oreithya* H Malicky, *Chimarra pontos* H Malicky, *Chimarra crepidata* DE Kimmins, *Chimarra scopulifera* DE Kimmins, *Chimarra suthopenis* P Chantaramongkol & H Malicky Holotype--Male; BHUTAN: Punakha, Dungkhar Rongchhu, 27°39'N, 89°46'E, 1370 m, 24-iv-2006, Graf & Malicky; Lichtfallen und Tagfang; Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in the NECS, Thimphu Bhutan)

*Chimarra (Chimarra) senticosa* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanmuping, 780 m elev, 30-VI-1998, Malaise trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Chimarra (Chimarra) sepho* H Malicky & W Mey, 2011 : OL (Male described originally in the *Chimarra tsudai* Group near *Chimarra auronitens* G Ulmer and *Chimarra dumoga* H Malicky, JP O'Connor, & P Ashe Holotype--Male; INDONESIA: Irian Jaya, Manokwari, Weg to Makmer, 800 m, 10-ii-1994, leg ?; deposited in the Zoological Museum, Berlin, Germany Indonesia (Irian Jaya))

*Chimarra (Chimarra) sepulchralis* HA Hagen, 1858 : OL (Sri Lanka)

*Chimarra (Chimarra) setosa* HH Ross, 1959 : NA, NT (Reported from Sierra Tarahumara region of

Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Mexico (Chiapas)

*Chimarra (Chimarra) shanorum* P Chantaramongkol & H Malicky, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Thailand)

*Chimarra (Chimarra) shaowuensis* C Hwang, 1957 : OL (China (Fujian))

*Chimarra (Chimarra) shiva* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) siami* S Jacquemart, 1979 : OL (Thailand)

*Chimarra (Chimarra) signata* N Banks, 1936 : AU (Fiji Islands)

*Chimarra (Chimarra) simplaria* W Mey, 2003 : OL (Male described originally Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to the Agos River, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Chimarra (Chimarra) sinuata* C Hwang, 1957 : OL (China (Fujian))

*Chimarra (Chimarra) sinuosa* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) sirdiqua* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra sirdiqua* H Malicky and *Chimarra corangira* J Olah & H Malicky Holotype--Male; VIETNAM: 1971 Nr 45 [Topal and Matskasi]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Chimarra (Chimarra) sita* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Thailand)

*Chimarra (Chimarra) skaidan* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) skiborskii* W Mey, 1995 : OL (Philippines)

*Chimarra (Chimarra) socia* HA Hagen, 1861 : NA (Female described by HJ Cooper & JC Morse, 1999 ("1998"), J New York Entomol Soc 106(4): 196 United States of America)

Syn.: *Wormaldia femoralis* N Banks, 1911

*Chimarra (Chimarra) solisi* RJ Blahnik & RW Holzenthal, 1992 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)

*Chimarra (Chimarra) solomonensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near *Chimarra manni* (N Banks) and *Chimarra obscurella* (N Banks) Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, stream parallel to road L8, 4 km NW main road, 269 m, loc 08, 08\*01.233'S, 157\*08.090'E, light trap, 11-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))

*Chimarra (Chimarra) somereni* G Marlier, 1951 : AT (Kenya)

*Chimarra (Chimarra) spangleri* J Bueno-Soria, 1985 : NT (Costa Rica)

*Chimarra (Chimarra) spinifera* DE Kimmins, 1957 : OL (Reported from Myanmar, Thailand, Laos, Vietnam, Peninsular Malaysia by J Olah & H Malicky, 2010, Braueria 37: 18 Myanmar)

*Chimarra (Chimarra) spitzeri* H Malicky, 1994 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)

Male redescribed, reported from Vietnam by J Olah & H Malicky, 2010, Braueria 37: 23-24 Vietnam)

*Chimarra (Chimarra) stclairae* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra mouldsi* Group, from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Birthday Ck, 3.5 km WNN Paluma, 18\*59'S, 146\*10'E, at light 17 Feb 1990, R St Clair (NMV, T-17835); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)

*Chimarra (Chimarra) strongyla* RJ Blahnik, 1998 : NT (Ecuador)

*Chimarra (Chimarra) suadulla* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) supanna* H Malicky, 1993 : OL (Malaysia (XX?))

*Chimarra (Chimarra) suryasena* F Schmid, 1960 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Chimarra (Chimarra) suthepensis* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)



*Chimarra (Chimarra) sylvestris* FM Gibon, 1985 : AT (Ivory Coast)  
*Chimarra (Chimarra) sythoffi* G Ulmer, 1951 : OL (Indonesia (Java))  
*Chimarra (Chimarra) szunyoghyi* J Olah, 1986 : AT (Tanzania)  
*Chimarra (Chimarra) tagaijana* W Mey, 2003 : OL (Male described originally near Chimarra danaokana W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary tpo the Agos River, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))  
*Chimarra (Chimarra) tagalica* N Banks, 1937 : OL (Philippines)  
*Chimarra (Chimarra) talinensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near Chimarra papuana DE Kimmins Holotype--Male; SOLOMON ISLANDS: Guadalcanal Province, Guadalcanal, Weather Coast, Kusumba Region, Talin River, 30 m S junction with Rosava River, 70 m, loc 19, 09\*36.724'S, 159\*41.234'E, light trap, 08-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Guadalcanal))  
*Chimarra (Chimarra) tallawalla* DI Cartwright, 2002 : AU (Male and female described originally, in the Chimarra tallawalla Group near Chimarra wooroonooran DI Cartwright, from eastern New South Wales and southeastern Queensland Holotype--Male; AUSTRALIA: New South Wales, Cangi Ck, NW of Grafton, 29\*34'S, 152\*26'E, 15 Jan 1985, G Theischinger (NMV, T-17738); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) talos* H Malicky, 2007 : OL (Male described originally near Chimarra litugena H Malicky & P Chantaramongkol, Chimarra jaroschi H Malicky, 1994, and Chimarra joliveti S Jacquemart Holotype--Male; BHUTAN: Punakha, Damji, 1500 m, 27\*41'N, 89\*46'E, 24-iv-2006, Graf; Lichtfallen; Waldbach aehnlich wie voriger; deposited in the NECS, Thimphu Bhutan)  
*Chimarra (Chimarra) tamsi* ME Mosely, 1936 : AT (Sao Tome)  
*Chimarra (Chimarra) tapanti* RJ Blahnik, 1998 : NT (Costa Rica)  
*Chimarra (Chimarra) tawitawi* H Malicky, 1994 : OL (Listed from the Philippines (Mindanao, Tawi Tawi) and Indonesia (Kalimantan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Mindanao, Tawi Tawi))  
*Chimarra (Chimarra) telihigola* F Schmid, 1958 : OL (Sri Lanka)  
*Chimarra (Chimarra) terramater* H Malicky, 2008 : OL (Male described originally near Chimarra khamuorum P Chantaramongkol & H Malicky, Chimarra okuihorum W Mey, Chimarra prisna P Chantaramongkol & H Malicky, and Chimarra toga H Malicky & P Chantaramongkol

Male redescribed in the Chimarra digitata Group near Chimarra tityos H Malicky; Chimarra fuilianae RJ Blahnik, RW Holzenthal, & J Huisman; and Chimarra xiphosella RJ Blahnik, RW Holzenthal, & J Huisman by RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 123-124, f 10 Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 21-vi-2000, B0821PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Chimarra (Chimarra) thaiorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)  
*Chimarra (Chimarra) thanglena* J Olah & H Malicky, 2010 : OL (Male described originally near Chimarra pipake H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) thaumas* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 29-vii-2000, B0121PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Chimarra (Chimarra) thienemanni* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Java))  
*Chimarra (Chimarra) thyestes* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 27-vii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Chimarra (Chimarra) tibialis* (L Navas, 1922) : OL (Philippines)

*Vigarrha tibialis* L Navas, 1922

*Chimarra (Chimarra) tityos* H Malicky, 2008 : OL (Male described originally near *Chimarra henryi* DE Kimmins)

Male redescribed in the *Chimarra digitata* Group near *Chimarra fuiliana* RJ Blahnik, RW Holzenthal, & J Huisman and *Chimarra terramater* H Malicky by RJ Blahnik, RW Holzenthal, & J Huisman, 2009, Tijdschrift voor Entomologie 152: 125-126, f 11 Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 07-viii-2000, B0711PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan)

*Chimarra (Chimarra) toga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Chimarra (Chimarra) togoana* (G Ulmer, 1907) : AT (Togo)

*Wormaldia togoana* G Ulmer, 1907

*Chimarra (Chimarra) toubiensis* FM Gibon, 1985 : AT (Ivory Coast)

*Chimarra (Chimarra) travei* S Jacquemart, 1963 : AT (Mauritius)

*Chimarra (Chimarra) triangularis* DE Kimmins, 1963 : AT (Ethiopia)

*Chimarra (Chimarra) triangularis occidentalis* FM Gibon, 1985 (

~*triangularis* DE Kimmins, 1963, Bull Brit Mus (Nat Hist) Ent 13: 120, figs)

*Chimarra (Chimarra) triangulata* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Chimarra (Chimarra) trispina* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Chimarra (Chimarra) tsudai* HH Ross, 1956 (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255 Japan)

*Chimarra (Chimarra) uara* OS Flint, 1971 : NT (Brazil)

*Chimarra (Chimarra) ulmeri* DE Kimmins, 1962 : AU (New Guinea)

*Chimarra (Chimarra) uncata* JC Morse, 1974 : AT (Republic of South Africa)

*Chimarra (Chimarra) uncula* W Mey, 1998 : OL (Male described originally near *Chimarra muoibay* H Malicky, 1995

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 25-29-iii-1995, light trap, 1600 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Chimarra (Chimarra) upia* H Malicky, 1993 : OL (Pakistan)

*Chimarra (Chimarra) uppita* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam, Thailand, Laos, Cambodia by J Olah & H Malicky, 2010, Braueria 37: 24 Thailand)

*Chimarra (Chimarra) uranka* ME Mosely, 1953 : AU (Male and female redescribed by DI Cartwright, 2002, Mem Mus Victoria 59(2): 396, 398, 406, f 32-34, 94-95 Holotype--Male; Queensland, Kuranda, 1100 ft, 21 Jun - 24 Jul 1913, RE Turner; deposited in The Natural History Museum, London, United Kingdom (DI Cartwright, 2002, Mem Mus Victoria 59(2): 406) Australia)

*Chimarra (Chimarra) usal* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Chimarra burmana* DE Kimmins Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 200 m, 14°22'N, 99°08'E, 22-24-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Chimarra (Chimarra) uschtu* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chimarra (Chimarra) usitatissima* OS Flint, 1971 : NT (Male and female redescribed near *Chimarra angularis* RJ Blahnik by RJ Blahnik, 2002, Systematic Entomology 27: 119-123, f 53A-D, 53G, 55, 58 Holotype--Male; BRAZIL; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 119) Brazil)

*Chimarra (Chimarra) utahensis* HH Ross, 1938 : NA (Migration patterns, temperature, water chemistry by B Hayford & SJ Herrmann, 1998, in L Botosaneanu (editor), Stud Crenobiol, Backhuys Publ, Leiden: 75-83

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 5, f 19a

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

- Syn.: *Chimarra idahoensis* S Ling, 1938  
*Chimarra (Chimarra) utra* RJ Blahnik, 1998 : NT (Ecuador)  
*Chimarra (Chimarra) uvana* DE Kimmins, 1957 : OL (Sri Lanka)  
*Chimarra (Chimarra) uvirana* G Marlier, 1951 : AT (Democratic Republic of the Congo)  
*Chimarra (Chimarra) vasoudeva* F Schmid, 1960 : OL (Reported from Nepal as *Chimarra vasoudeva* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)  
*Chimarra (Chimarra) ventrospina* KA Johanson & M Espeland, 2010 : AU (Male described originally near *Chimarra aureofusca* DE Kimmins Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, stream crossing main road, 200 m N road L2, 158 m, loc 06, 08\*04.520'S, 157\*08.845'E, Malaise trap, 11-15-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))  
*Chimarra (Chimarra) vesta* H Malicky, 2007 : OL (Male described originally near *Chimarra litugena* H Malicky & P Chantaramongkol, *Chimarra jaroschi* H Malicky, 1994, and *Chimarra joliveti* S Jacquemart Holotype--Male; BHUTAN: Punakha, Jichulum Rongchhu, N von Punakha, 27\*39'N, 89\*46'E, 1400 m, 25-iv-2006, Graf & Malicky; Tagfang; kelineer Bach mit dichtem Ufergehoeelz zwishen Kulturland; deposited in the NECS, Thimphu Bhutan)  
*Chimarra (Chimarra) veveensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near *Chimarra kolombangensis* KA Johanson & M Espeland Holotype--Male; SOLOMON ISLANDS: Western Province, Kolombangara Island, N slope of Mt Veve, 2.5 km S end of road L57, 723 m, loc 11, 07\*55.494'S, 157\*02.986'E, light trap, 12-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Kolombangara))  
*Chimarra (Chimarra) vibena* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Thailand)  
*Chimarra (Chimarra) villalobosi* J Bueno-Soria, 1985 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)  
*Chimarra (Chimarra) virgencita* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)  
*Chimarra (Chimarra) vitapinensis* KA Johanson & M Espeland, 2010 : AU (Male described originally near *Chimarra papuana* DE Kimmins and *Chimarra sabrona* DE Kimmins Holotype--Male; SOLOMON ISLANDS: Guadalcanal Province, Guadalcanal, Weather Coast, Kusumba Region, small stream 400 m S Vutapinau Village, loc 22, 09\*36.713'S, 159\*40.598'E, light trap, 26-i-2008 [M Espeland]; in 80% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Solomon Islands (Guadalcanal))  
*Chimarra (Chimarra) vitcona* J Olah & H Malicky, 2010 : OL (Male described originally near *Chimarra berenike* H Malicky Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 1165 m, 16-ii-2006, light [Z Ecsedi and J Olah Jr]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)  
*Chimarra (Chimarra) waensis* FM Gibon, 1985 : AT (Ivory Coast)  
*Chimarra (Chimarra) wiharawela* F Schmid, 1958 : OL (Sri Lanka)  
*Chimarra (Chimarra) wilcuma* RJ Blahnik, 1998 : NT (Venezuela)  
*Chimarra (Chimarra) woldai* RJ Blahnik, 1998 : NT (Panama)  
*Chimarra (Chimarra) wooroonoran* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra tallawalla* Group near *Chimarra tallawalla* DI Cartwright, from northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Bellenden Ker Range, 0.5 km S Cable Tower No 7, 500 m, 25-31 Oct 1981, Earthwatch/Queensland Museum (NMV, T-17904); specimen CT-228 figured; deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) wushikangensis* LP Hsu & CS Chen, 1996 : OL (Taiwan)  
*Chimarra (Chimarra) xenillion* A Neboiss, 1986 : AU (Papua New Guinea)  
*Chimarra (Chimarra) xiphosella* RJ Blahnik, RW Holzenthal, & J Huisman, 2009 : OL (Male described originally in the *Chimarra digitata* Group near *Chimarra fuilianae* RJ Blahnik, RW

Holzenthal, & J Huisman; *Chimarra terramater* H Malicky; and *Chimarra tityos* H Malicky Holotype--Male; MALAYSIA: Sabah, 9.5 km NNW Kundassang, Marei-Parei, Sg Tawubang, 06°04'N, 116°30'E, 1030 m, 11-iii-1987, J Huisman; UMSP000107141; deposited in the Nationaal Natuurhistorisch Museum Naturalis, Leiden, The Netherlands Malaysia (Sabah))  
*Chimarra (Chimarra) xus* RJ Blahnik, 1998 : NT (Ecuador)  
*Chimarra (Chimarra) yaloma* H Malicky, 1994 : AU (Listed from Papua New Guinea (Bismarck Archipelago, New Britain) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Papua New Guinea (Bismarck Archipelago))  
*Chimarra (Chimarra) yandala* DI Cartwright, 2002 : AU (Male and female described originally in the *Chimarra kaiya* Group from Cape York Peninsula, northeastern Queensland Holotype--Male; AUSTRALIA: Queensland, Gordon Ck, Iron Range, 16 Apr 1975, Moulds (NMV, T-17676); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) yanura* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)  
*Chimarra (Chimarra) yaorum* P Chantaramongkol & H Malicky, 1989 : OL (Thailand)  
*Chimarra (Chimarra) yaoshanensis* C Hwang, 1957 : OL (China (Guangxi))  
*Chimarra (Chimarra) yoolumba* DI Cartwright, 2002 : AU (Male and female described originally, in the *Chimarra adaluma* Group near *Chimarra nabilla* DI Cartwright, from northern Western Australia Holotype--Male; AUSTRALIA: Western Australia, Fortescue Falls, Hamersley Range National Park, 27 Oct 1979, J Blyth (NMV, T-17788); deposited in the Museum of Victoria, Melbourne, Victoria, Australia Australia)  
*Chimarra (Chimarra) yskal* H Malicky, 1989 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Chimarra (Chimarra) yulae* DI Cartwright, 2001 : AU (Male and female described originally near *Chimarra longpela* DI Cartwright Holotype--Male; PAPUA NEW GUINEA: Bougainville Island, Panguna, light trap, 17 Dec 1988, C Yule; NMV T-17509; deposited in the Museum of Victoria, Melbourne, Australia Papua New Guinea (Bougainville Island))  
*Chimarra (Chimarra) zagrosensis* P Chvojka, 1996 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Iran)  
*Chimarra (Chimarra) zamora* RJ Blahnik, 1998 : NT (Ecuador)  
*Chimarra (Chimarra) zilla* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Mae Hong Son, Huai Pang Paek, 1200 m, 19°26'N, 098°20'E, 21-x-2003; deposited in the H Malicky Colleciton, Lunz amd See, Austria Thailand)  
*Chimarra (Chimarra) zoria* ME Mosely, 1939 : AT (Uganda)

#### **subgenus *Chimarrita* RJ Blahnik, 1997**

*Chimarra (Chimarrita) akantha* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) camella* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) camura* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) chela* RJ Blahnik, 1997 : NT (Venezuela)  
*Chimarra (Chimarrita) forcipata* RJ Blahnik, 1997 : NT (Venezuela)  
*Chimarra (Chimarrita) heligma* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) heppneri* RJ Blahnik, 1997 : NT (Peru)  
*Chimarra (Chimarrita) kontilos* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) majuscula* RJ Blahnik, 1997 : NT (Brazil)  
*Chimarra (Chimarrita) maldonadoi* OS Flint, 1964 : NT (Referred to subgenus *Chimarrita* by RJ Blahnik, 1997, Systematic Entomol 22(3): 205 Puerto Rico)  
*Chimarra (Chimarrita) merengue* RJ Blahnik, 1997 : NT (Male and female described originally

Relationship to *Chimarra (Chimarrita) maldonadoi* OS Flint, known distribution in Dominican Republic (Dajabon, La Vega, Monsenor Nouel) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51 Holotype--Male; DOMINICAN REPUBLIC: Dajabon Province, 1.3 km S Loma de Cabrera, 400 m, 20-22 May 1973, D & M Davis; deposited in the United States Museum of Natural History; Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Chimarra (Chimarrita) neblina* RJ Blahnik, 1997 : NT (Venezuela)  
*Chimarra (Chimarrita) prolata* RJ Blahnik, 1997 : NT (Ecuador)  
*Chimarra (Chimarrita) pusilla* RJ Blahnik, 1997 : NT (Venezuela)  
*Chimarra (Chimarrita) rosalesi* OS Flint, 1981 : NT (Venezuela)

*Chimarra (Chimarrita) simpliciforma* OS Flint, 1971 : NT (Brazil)

*Chimarra (Chimarrita) tortuosa* RJ Blahnik, 1997 : NT (Brazil)

*Chimarra (Chimarrita) xingu* RJ Blahnik, 1997 : NT (Brazil)

**subgenus *Curgia* F Walker, 1860**

*Chimarra (Curgia) acinaciformis* OS Flint, 1998 : NT (Ecuador)

*Chimarra (Curgia) acula* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) alayoi* L Botosaneanu, 1980 : NT (Cuba)

*Chimarra (Curgia) albomaculata* HJ Kolbe, 1888 : NT (Puerto Rico)

Syn.: *Chimarra luquillo* DG Denning, 1948

*Chimarra (Curgia) argentella* G Ulmer, 1906 : NT (Jamaica)

*Chimarra (Curgia) aurantibasis* OS Flint, 1998 : NT (Cuba)

*Chimarra (Curgia) aureopunctata* OS Flint, 1967 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Costa Rica)

*Chimarra (Curgia) aurivittata* OS Flint, 1971 : NT (Guyana)

*Chimarra (Curgia) aviceps* OS Flint, 1998 : NT (Peru)

*Chimarra (Curgia) banksi* (G Ulmer, 1907) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Nicaragua)

*Wormaldia banksi* G Ulmer, 1907

Syn.: *Wormaldia mediana* N Banks, 1905

*Chimarra (Curgia) barinita* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) barrettae* (N Banks, 1900) : NT (Synonymized by OS Flint, 1967, P United States Mus 123(3619): 3, with *Chimarra (Curgia) mexicana* (N Banks), but resurrected by OS Flint, 1998, Smiths Contr Zool 594: 43-46

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Mexico (Veracruz))

*Philopotamus barrettae* N Banks, 1900

*Chimarra (Curgia) beckeri* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) bisectilis* OS Flint, 1998 : NT (Costa Rica)

*Chimarra (Curgia) blepharophera* OS Flint, 1998 : NT (Mexico (Oaxaca))

*Chimarra (Curgia) boraceia* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) braconoides* (F Walker, 1860) : NT (Holotype redescribed by C Betten & ME Mosely, 1940, Francis Walker Types Trich Brit Mus, p 15 f 7

Distinguished from *Chimarra (Curgia) gilvamacula* OS Flint, known distribution in Dominican Republic (Baoruco, Barahona, Dajabon, El Seibo, Hato Mayor, Elias Pina, La Vega, Pedernales, San Cristobal, Santiago, Distrito Federal) and Haiti provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 50 San Domingo)

*Curgia braconoides* F Walker, 1860

*Chimarra (Curgia) brasiliana* G Ulmer, 1905 : NT (Female described by GL de Almeida & L Marinoni, 2001, Revista Brasileira de Zoologia 18(3): 971-976 Brazil)

Syn.: *Wormaldia parva* G Ulmer, 1905

*Chimarra (Curgia) burmeisteri* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) camposae* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) canoaba* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) carolae* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) centralis* HH Ross, 1959 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Panama)

*Chimarra (Curgia) centrispina* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) chrysosoma* OS Flint, 1998 : NT (Bolivia)

*Chimarra (Curgia) cipoensis* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) cirrifera* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) claviloba* OS Flint, 1974 : NT (Surinam)

*Chimarra (Curgia) conica* OS Flint, 1983 : NT (Argentina)

*Chimarra (Curgia) consimilis* AV Martynov, 1912 : NT (Peru)

*Chimarra (Curgia) costaricensis* OS Flint, 1998 : NT (Costa Rica)

*Chimarra (Curgia) cultellata* OS Flint, 1983 : NT (Brazil)

*Chimarra (Curgia) didyma* OS Flint, 1998 : NT (Panama)

*Chimarra (Curgia) distermina* OS Flint, 1998 : NT (Bolivia)  
*Chimarra (Curgia) donamariae* DG Denning & JL Sykora, 1968 : NT (Brazil)  
*Chimarra (Curgia) ensifera* OS Flint, 1998 : NT (Venezuela)  
*Chimarra (Curgia) erectiloba* OS Flint, 1998 : NT (Peru)  
*Chimarra (Curgia) fernandezi* OS Flint, 1981 : NT (Venezuela)  
*Chimarra (Curgia) fimbriata* OS Flint, 1974 : NT (Surinam)  
*Chimarra (Curgia) fittkai* OS Flint, 1971 : NT (Brazil)  
*Chimarra (Curgia) froehlichii* OS Flint, 1998 : NT (Brazil)  
*Chimarra (Curgia) geranoides* OS Flint, 1998 : NT (Ecuador)  
*Chimarra (Curgia) gilvimacula* OS Flint, 1998 : NT (Male described originally)

Distinction from *Chimarra (Curgia) braconoides* (F Walker), distribution in Dominican Republic (Azua, Dajabon, Duarte, El Seibo, Elias Pina, Hato Mayor, La Altagracia, La Vega, Pedernales, Puerto Plata, San Cristobal, San Juan) and Haiti provided by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 50-51 Dominican Republic)

*Chimarra (Curgia) guyanensis* OS Flint, 1998 : NT (Guyana)  
*Chimarra (Curgia) hyooides* OS Flint, 1983 : NT (Argentina)  
*Chimarra (Curgia) immaculata* G Ulmer, 1911 : NT (Bolivia)  
*Chimarra (Curgia) irwini* OS Flint, 1998 : NT (Venezuela)  
*Chimarra (Curgia) jugescens* OS Flint, 1998 : NT (Brazil)  
*Chimarra (Curgia) juliae* OS Flint, 1998 : NT (Venezuela)  
*Chimarra (Curgia) laguna* HH Ross, 1951 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 45 Mexico (Baja California))

Syn.: *Chimarra (Curgia) alamosa* DG Denning, 1962

Syn.: *Chimarra (Curgia) brustia* HH Ross, 1959

*Chimarra (Curgia) lobata* OS Flint, 1967 : NT (Panama)

*Chimarra (Curgia) lojaensis* OS Flint, 1998 : NT (Ecuador)

*Chimarra (Curgia) macara* OS Flint, 1998 : NT (Ecuador)

*Chimarra (Curgia) margaritae* OS Flint, 1991 : NT (Colombia)

*Chimarra (Curgia) maritza* OS Flint, 1998 : NT (Costa Rica)

*Chimarra (Curgia) medioloba* OS Flint, 1971 : NT (Brazil)

*Chimarra (Curgia) mexicana* (N Banks, 1900) : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 Mexico (Veracruz))

*Rhyacophila mexicana* N Banks, 1900

Syn.: *Wormaldia mexicana* Ulmer, 1905

*Chimarra (Curgia) minca* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) minga* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) moesta* N Banks, 1924 : NT (Cuba)

Syn.: *Chimarra (Curgia)* , 1979

*Chimarra (Curgia) morio* H Burmeister, 1839 : NT (Brazil)

Syn.: *Chimarra martinmoselyi* L Botosaneanu, 1980

Syn.: *Chimarra moselyi* HH Ross, 1956

*Chimarra (Curgia) mycterophora* OS Flint, 1998 : NT (Bolivia)

*Chimarra (Curgia) nasuta* OS Flint, 1998 : NT (Mexico (Veracruz))

*Chimarra (Curgia) neofimbriata* OS Flint, 1974 : NT (Surinam)

*Chimarra (Curgia) otuzcoensis* OS Flint & L Reyes-Arrunategui, 1991 : NT (Peru)

*Chimarra (Curgia) pablito* OS Flint, 1998 : NT (Costa Rica)

*Chimarra (Curgia) parana* OS Flint, 1972 : NT (Argentina)

Syn.: *Chimarra (Curgia) punctulata* OS Flint, 1983

*Chimarra (Curgia) paria* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) paucispina* AP Moreira Santos & JL Nessimian, 2009 : NT (Brazil)

*Chimarra (Curgia) persimilis* N Banks, 1920 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 46 Ecuador)

*Chimarra (Curgia) peruviana* OS Flint, 1998 : NT (Ecuador)

*Chimarra (Curgia) petersorum* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) petricola* OS Flint, 1998 : NT (Brazil)

*Chimarra (Curgia) peytoni* OS Flint, 1998 : NT (Venezuela)

*Chimarra (Curgia) piliferosa* OS Flint, 1998 : NT (Bolivia)

*Chimarra (Curgia) piraya* OS Flint, 1983 : NT (Argentina)  
*Chimarra (Curgia) plaumanni* OS Flint, 1983 : NT (Brazil)  
*Chimarra (Curgia) pulchra* HA Hagen, 1861 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)  
 Syn.: *Chimarrha (Curgia) fraterna* N Banks, 1924  
*Chimarra (Curgia) purisca* OS Flint, 1998 : NT (Costa Rica)  
*Chimarra (Curgia) puya* OS Flint, 1998 : NT (Ecuador)  
*Chimarra (Curgia) quaternaria* OS Flint, 1971 : NT (Brazil)  
*Chimarra (Curgia) quina* OS Flint, 1998 : NT (Cuba)  
*Chimarra (Curgia) sarophora* OS Flint, 1998 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Panama)  
*Chimarra (Curgia) scopula* OS Flint, 1974 : NT (Surinam)  
*Chimarra (Curgia) scopuloides* OS Flint, 1974 : NT (Surinam)  
 Syn.: *Chimarra (Curgia) catarinensis* OS Flint, 1983  
*Chimarra (Curgia) securigera* OS Flint, 1998 : NT (Venezuela)  
*Chimarra (Curgia) spatulata* HH Ross, 1959 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Mexico (Chiapas))  
*Chimarra (Curgia) straminea* OS Flint, 1998 : NT (Venezuela)  
*Chimarra (Curgia) tamba* OS Flint, 1998 : NT (Peru)  
*Chimarra (Curgia) teresae* OS Flint, 1998 : NT (Brazil)  
*Chimarra (Curgia) texana* N Banks, 1920 : NA, NT (Female described by DE Ruitter & DW Blinn, 2009, Braueria 36: 5, f 18a United States of America)  
 Syn.: *Chimarrha betteni* DG Denning, 1941  
*Chimarra (Curgia) truncatiloba* OS Flint, 1974 : NT (Surinam)  
*Chimarra (Curgia) tucuna* OS Flint, 1998 : NT (Brazil)  
*Chimarra (Curgia) wilsoni* OS Flint, 1967 : NT (Costa Rica)  
*Chimarra (Curgia) ypsilon* OS Flint, 1983 : NT (Female described by GL de Almeida & L Marinoni, 2001, Revista Brasileira de Zoologia 18(3): 971-976 Argentina)

#### **subgenus *Otarrha* RJ Blahnik, 2002**

*Chimarra (Otarrha) amazonia* RJ Blahnik, 2002 : NT (Male and female described originally near *Chimarra parene* RJ Blahnik, *Chimarra parilis* RJ Blahnik, and *Chimarra particeps* RJ Blahnik Holotype--Male; PERU: Madre de Dios, Amazonia Lodge, Toma del Agua (stream), 12°52.22'S, 71°22.56'W, 415 m, 29-vi-1993, R Blahnik and M Pescador; deposited in the Museo de Historia Natural 'Javier Prado', Universidad Nacional Mayor de San Marcos, Lima, Peru Peru)  
*Chimarra (Otarrha) barinas* RJ Blahnik, 2002 : NT (Male described originally in the *Chimarra sensillata* Group closest to *Chimarra tachueta* RJ Blahnik Holotype--Male; VENEZUELA: Barinas, 22 km NW Barinitas, 19-ii-1976, CM and OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)  
*Chimarra (Otarrha) cubanorum* L Botosaneanu, 1980 : NT (Male redescribed originally near *Chimarra spinulifera* OS Flint Jr Holotype--Male; CUBA: Orientge, Cupeyal, vi-1971, I Garcia; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 73) Cuba)  
*Chimarra (Otarrha) darlingtoni* RJ Blahnik, 2002 : NT (Male described originally near *Chimarra cubanorum* L Botosaneanu and *Chimarra spinulifera* OS Flint Holotype--Male; CUBA: coast below Pico Turquino, 26-30-vi-1936, Darlington; deposited in the Harvard University Museum of Comparative Zoology, Cambridge, Massachusetts, United States of America Cuba)  
*Chimarra (Otarrha) diakis* OS Flint, 1971 : NT (Male redescribed near *Chimarra diaphora*, referred to subgenus *Otarrha* by RJ Blahnik by RJ Blahnik, 2002, Systematic Entomology 27: 75, f 8A-D, 8G, 8I, 56 Holotype--Male; BRAZIL: Gebeit Endstation, Rio Marauria, Bergbach II, etwa 350 m ueber dem Meeresspiegel, schattig, starkes Gefaelle ueber Granitbloecke, 26-i-1963, EJ Fittkau; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 75) Brazil)  
*Chimarra (Otarrha) diannae* OS Flint & JL Sykora, 1993 : NT (Probably most similar to *Chimarra dominicana* OS Flint Jr according to RJ Blahnik, 2002, Systematic Entomology 27: 75 Holotype--Male; ST LUCIA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America St Lucia)

*Chimarra (Otarra) diaphora* RJ Blahnik, 2002 : NT (Male and female described originally near Chimarra diakis OS Flint Holotype--Male; VENEZUELA: T F Amazonas, Agua Blanca, 0°49'N, 66°08'W, Cerro de la Neblina, 160 m, 20-21-iii-1984, O Flint and J Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Chimarra (Otarra) dominicana* OS Flint, 1968 : NT (Male and female redescribed near Chimarra diannae OS Flint & J Sykora and Chimarra quadrifurcata by RJ Blahnik, 2002, Systematic Entomology 27: 77-78, f 10A-D, 10G, 10H, 36A-C, 56

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 46 Holotype--Male; DOMINICA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (Dominica)  
*Chimarra (Otarra) garciai* L Botosaneanu, 1980 : NT (Male redescribed near Chimarra jamaicensis OS Flint Jr by RJ Blahnik, 2002, Systematic Entomology 27: 78-81, f 11A-D, 11D, 11F, 11G, 57 Holotype--Male; CUBA; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 78) Cuba)  
*Chimarra (Otarra) guapa* L Botosaneanu, 1977 : NT (Male and female redescribed near Chimarra patosa HH Ross by RJ Blahnik, 2002, Systematic Entomology 27: 81, f 12A-D, 37A-C, 56

Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Holotype--Male; CUBA; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 81) Cuba)

*Chimarra (Otarra) incipiens* RJ Blahnik, 2002 : NT (Male described in the Chimarra sensillata Complex closest to Chimarra sensillata OS Flint Holotype--Male; VENEZUELA: Distrito Federal, Bajo Seco, Est Exp Bajo Seco, c 15 km NE Colonia Tovar, 2000 m, 22-25-i-1983, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Chimarra (Otarra) jamaicensis* OS Flint, 1968 : NT (Male and female redescribed near Chimarra garciai L Botosaneanu by RJ Blahnik, 2002, Systematic Entomology 27: 82-85, f 14A-D, 14G, 38A-C, 56 Holotype--Male; JAMAICA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 82) Jamaica)

*Chimarra (Otarra) koki* L Botosaneanu, 1996 : NT (Male and female described originally

Perhaps most similar to Chimarra redonda, referred to subgenus Otarrha by RJ Blahnik, 2002, Systematic Entomology 27: 85

Known distribution in the Dominican Republic Cordillera Central (La Vega, Monsenor Nouel, Peravia) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51 Holotype--Male; DOMINICAN REPUBLIC; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands Dominican Republic)

*Chimarra (Otarra) machaerophora* OS Flint, 1968 : NT (Male and female redescribed near Chimarra jamaicensis OS Flint Jr and Chimarra garciai L Botosaneanu Holotype--Male; JAMAICA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Jamaica)

*Chimarra (Otarra) odonta* RJ Blahnik, 2002 : NT (Male described originally Holotype--Male; BRAZIL: Sao Paulo, Est Biol Boraceia, 850 m, 3-ix-1977, CM and OS Flint, Jr; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil)

*Chimarra (Otarra) parene* RJ Blahnik, 2002 : NT (Male described originally near Chimarra parilis RJ Blahnik and Chimarra particeps RJ Blahnik Holotype--Male; PERU: Parene [very likely Perene according to RJ Blahnik, 2002], El Campamiento, 16-vi-1920, Cornell University Expedition, lot male 569; deposited in the insect collections of Cornell University, Ithaca, New York, United States of America Peru)

*Chimarra (Otarra) particeps* RJ Blahnik, 2002 : NT (Male and female described originally near Chimarra parilis RJ Blahnik and Chimarra parene RJ Blahnik Holotype--Male; PERU: Huanuco, Tingo Maria, 672 m, 1-6-ii-1980, JB Heppner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Chimarra (Otarra) patosa* HH Ross, 1956 : NT (Male and female redescribed near Chimarra peruana RJ Blahnik by RJ Blahnik, 2002, Systematic Entomology 27: 90-91, f 20A-D, 20G, 20I, 43A-C, 57



Holotype--Male; PERU; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Peru)

*Chimarra (Otarra) peruana* RJ Blahnik, 2002 : NT (Male described originally near *Chimarra patosa* HH Ross Holotype--Male; PERU: Aina, 1400 m, am back gestreift, 6-vi-1936, Heidelberg-Sued Peru Sammelreise 1936, Eing Nr 1937; deposited in the Zoologische Institut und Zoologisches Museum, Universitaet von Hamburg, Hamburg, Germany Peru)

*Chimarra (Otarra) phthanolossi* RJ Blahnik, 2002 : NT (Male described originally nearest *Chimarra rossi* J Bueno-Soria Holotype--Male; COLOMBIA: Choco, km 130, 86 km, E Quibdo, 17-ii-1983, OS Flint Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Colombia)

*Chimarra (Otarra) puertoricensis* OS Flint, 1964 : NT (Male and female redescribed by RJ Blahnik, 2002, Systematic Entomology 27: 95, f 23A-D, 23F, 23G, 45A-C, 56 Holotype--Male; PUERTO RICO; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 95) Puerto Rico)

*Chimarra (Otarra) quadrifurcata* L Botosaneanu, 1994 : NT (Male and female redescribed near *Chimarra dominicana* and *Chimarra diannae* by RJ Blahnik, 2002, Systematic Entomology 27: 95-98, f 24A-C, 24G-I, 46A-C, 56 Holotype--Male; GUADELOUPE; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 95) Guadeloupe)

*Chimarra (Otarra) redonda* RJ Blahnik, 2002 : NT (Male and female described originally

Known only from Dominican Republic (La Vega) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51 Holotype--Male; DOMINICAN REPUBLIC: La Palma, 12 km E of El Rio, 2-13-vi-1969, Flint and Gomez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Chimarra (Otarra) retrorsa* OS Flint, 1974 : NT (Male redescribed near *Chimarra septifera* OS Flint Jr, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 98-99, f 26A-D, 26 G, 57 Holotype--Male; SURINAME: Brownsberg, 400 m, 15-ix-1938, Geijskes; deposited in the Rijksmuseum van Natuurlijke Histoire, Leiden, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 98) Surinam)

*Chimarra (Otarra) rossi* J Bueno-Soria, 1985 : NT (Male and female redescribed near *Chimarra phthanolossi* RJ Blahnik, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 99, 101-102, f 27A-D, 27G-H, 48A-D, 57

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Holotype--Male; COSTA RICA; deposited in the Instituto Biologia de la Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (RJ Blahnik, 2002, Systematic Entomology 27: 99) Costa Rica)

*Chimarra (Otarra) sensillata* OS Flint, 1981 : NT (Male redescribed in the *Chimarra sensillata* Complex, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 102-103, f 28A-D, 28G, 56 Holotype--Male; VENEZUELA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 102) Venezuela)

*Chimarra (Otarra) septemlobata* OS Flint, 1991 : NT (Male and female redescribed, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 103, f 29A-D, 29G, 29I, 49A-C, 56 Holotype--Male; COLOMBIA; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik, 2002, Systematic Entomology 27: 103) Colombia)

*Chimarra (Otarra) septifera* OS Flint, 1974 : NT (Male redescribed near *Chimarra retrorsa* OS Flint, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 103, 106-107, f 30A-D, 30G, 30H, 57 Holotype--Male; SURINAME; deposited in the Rijksmuseum van Natuurlijke Histoire, Leiden, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 103) Surinam)

*Chimarra (Otarra) spinulifera* OS Flint, 1968 : NT (Male described originally

Known only from the holotype according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51

Male redescribed near *Chimarra cubanorum*, referred to subgenus *Otarra* by RJ Blahnik, 2002, Systematic Entomology 27: 107, f 31A-D, 31F-G, 57 Holotype--Male; HAITI: [Departement du Sud]

Roche Croix, Mt La Hotte, 4000 ft [ca 1200 m], 14 Oct 1945, Darlington; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (Haiti) *Chimarra (Otarra) spinulifera baoruco* OS Flint & JL Sykora, 2004 (Male and female described originally, from the Dominican Republic (Barahona))

~*spinulifera* OS Flint, 1968, Fla Ent 51: 151, figs Holotype--Male; DOMINICAN REPUBLIC: Barahona Province, San Rafael, 8.3 km S Baoruco, 18°01.9'N, 71°08.4'W, 30 m, 22 March 1999, Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America)  
*Chimarra (Otarra) spinulifera galalcha* L Botosaneanu, 1996 (Male and female described originally)

~*spinulifera* OS Flint, 1968, Fla Ent 51: 151, figs

~Male and female redescribed near *Chimarra cubanorum* L Botosaneanu, referred to subgenus *Otarra* and confirmed as subspecies of *Chimarra spinulifera* OS Flint, Jr, by RJ Blahnik, 2002, Systematic Entomology 27: 107-108, f 32A-D, 32F-G, 50A-C, 57

Known distribution in Dominican Republic Cordilleras Central and Septentrional (La Vega, Duarte, Elias Pina) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51 Holotype--Male; DOMINICAN REPUBLIC; deposited in the Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (RJ Blahnik, 2002, Systematic Entomology 27: 107))

*Chimarra (Otarra) tachuela* RJ Blahnik, 2002 : NT (Male and female described originally in the *Chimarra sensillata* Complex closest to *Chimarra barinas* RJ Blahnik

Known only from Dominican Republic (La Vega) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 51 Holotype--Male; VENEZUELA: Merid, La Campana, 12 km SE Santo Domingo, 24-ii-1976, CM and OS Flint Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (Venezuela)

### ***Chimarrhodella* JA Lestage, 1925**

*Chimarrhodella aequatorium* (L Navas, 1934) : NT (Transferred to *Banyallarga* by OS Flint, 1983, Smithson Contrib Zool 377: 77

Transferred to *Chimarrhodella* by AL Prather, 2004, Zootaxa 435: 9-10 Holotype--Female; lost according to AL Prather, Zootaxa 435: 9 Ecuador)

*Loxinum aequatorium* L Navas, 1934

*Chimarrhodella costaricensis* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)

*Chimarrhodella flinti* RJ Blahnik & RW Holzenthal, 1992 : NT (Venezuela)

*Chimarrhodella galeata* (AV Martynov, 1912) : NT (Peru)

*Chimarra galeata* AV Martynov, 1912

Syn.: *Protarra sagittoides* HH Ross, 1956

*Chimarrhodella nigra* OS Flint, 1981 : NT (Venezuela)

*Chimarrhodella ornata* RJ Blahnik, 2004 : NT (Male described originally Holotype--Male; ECUADOR: Tungurahua, Rio Verde, 1600 m, 26-xii-1992, VO Becker; UMSP000092631; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Chimarrhodella paria* RJ Blahnik, 2004 : NT (Male and female described originally near *Chimarrhodella nigra* OS Flint, *Chimarrhodella tobagoensis* RJ Blahnik & RW Holzenthal, and *Chimarrhodella ornata* RJ Blahnik Holotype--Male; VENEZUELA: Sucre, Peninsula de Paria, Santa Isabel, Rio Santa Isabel, 10°44.294'N, 62°38.954'W, el 20 m, 4-iv-1995, Holzenthal, Flint, Cressa; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Chimarrhodella peruviana* (HH Ross, 1956) : NT (Peru)

*Protarra peruviana* HH Ross, 1956

*Chimarrhodella pilcopata* RJ Blahnik & RW Holzenthal, 1992 : NT (Peru)

*Chimarrhodella tapanti* RJ Blahnik & RW Holzenthal, 1992 : NT (Costa Rica)

*Chimarrhodella tobagoensis* RJ Blahnik & RW Holzenthal, 1992 : NT (Tobago)

*Chimarrhodella ulmeri* (HH Ross, 1956) : NT (Peru)  
*Protarra ulmeri* HH Ross, 1956

### ***Chionophylax* F Schmid, 1951**

*Chionophylax czarnohoricus* (J Dziedzielewicz, 1911) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Ukraine)

*Acrophylax czarnohoricus* J Dziedzielewicz, 1911

*Chionophylax mindszentyi* F Schmid, 1951 (Hungary)

Syn.: *Acrophylax uncatatus*, 1952

*Chionophylax mindszentyi bulgaricus* K Kumanski, 1973 ( ~mindszentyi F Schmid, 1951, Eos 27: 59-61, f 51-54)

*Chionophylax monteryla* L Botosaneanu, 1957 (Bulgaria)

### ***Chrysotrichia* F Schmid, 1958**

*Chrysotrichia angkup* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Chrysotrichia aningalan* A Wells & W Mey, 2002 : OL (Philippines)

*Chrysotrichia aranuwa* F Schmid, 1958 : OL (Sri Lanka)

*Chrysotrichia arapela* A Wells, 1990 : AU (Papua New Guinea)

*Chrysotrichia armiger* W Mey, 2003 : OL (Male described originally, possibly related to *Chrysotrichia tabonensis* W Mey, 1998 Holotype--Male; Philippines: Leyte, Baybay, Mt. Panasugan, 13-iv-1997, W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Chrysotrichia atugan* A Wells & W Mey, 2002 : OL (Philippines)

*Chrysotrichia australis* A Wells, 1990 : AU (Australia)

*Chrysotrichia badhami* F Schmid, 1960 : OL (Pakistan)

*Chrysotrichia barbalis* W Mey, 2003 : OL (Male described originally, related to *Chrysotrichia sinuosa* W Mey, 2003 Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, small stream to the Agos River, 10-iv-1997, W Mey, V Samarita, & W Speidel; genitalia slide Mey 24/02; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Chrysotrichia berduri* A Wells, 1990 : OL (Male, female, larva, pupa, case described originally Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Tumpah R 1 km above Toraut R junction, 17-v-1985, A Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Chrysotrichia bintik* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Chrysotrichia choliona* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Chrysotrichia coodei* A Wells & J Huisman, 1993 : OL (Malaysia (XX?))

*Chrysotrichia distorta* A Wells & W Mey, 2002 : OL (Philippines)

*Chrysotrichia dotalugola* F Schmid, 1958 : OL (Sri Lanka)

*Chrysotrichia elongata* A Wells & H Malicky, 1997 : OL (Indonesia (Sumatra))

*Chrysotrichia gajah* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Chrysotrichia ganjil* A Wells & J Huisman, 1993 : OL (Male redescribed, reported from Malaysia (Peninsular) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1049, pl 38 Malaysia (Peninsular))

*Chrysotrichia hapitigola* F Schmid, 1958 : OL (Sri Lanka)

*Chrysotrichia hatnagola* F Schmid, 1958 : OL (Sri Lanka)

*Chrysotrichia hermani* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Chrysotrichia hutapadangensis* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1051

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chrysotrichia iomora* A Wells, 1990 : AU (Papua New Guinea)

*Chrysotrichia likliklang* A Wells, 1990 : AU (Papua New Guinea)

*Chrysotrichia limacabanga* A Wells, 1990 : OL (Male and female described originally near *Chrysotrichia tigacabanga* A Wells Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga Ketjil, rice paddy, 8-v-1985, light, Wells and Dowling; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))  
*Chrysotrichia maratya* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Chrysotrichia matakail* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))  
*Chrysotrichia menara* A Wells & J Huisman, 1993 : OL (Malaysia (Sarawak))  
*Chrysotrichia monga* J Olah, 1989 : OL (Reported from Vietnam, Malaysia (Peninsular), and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1051

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Chrysotrichia pallu* H Malicky & T Prommi, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Songkla, Hat Yai, 40 m, 07\*00'N, 100\*30'E, 22-iv-2007, leg Taeng-on Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Chrysotrichia panayana* A Wells & W Mey, 2002 : OL (Philippines)

*Chrysotrichia paruparu* A Wells & J Huisman, 1993 : OL (Malaysia (Sarawak))

*Chrysotrichia phaiaaka* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Tung Yaw, 19\*08'N, 098\*39'E, 1200 m, 17-iv-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Chrysotrichia piring* A Wells, 1993 : OL (Indonesia (Bali))

*Chrysotrichia pisau* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Chrysotrichia poecilostola* W Mey, 1998 : OL (Philippines)

*Chrysotrichia porsawan* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Chrysotrichia pulmonaria* (YG Xue & LF Yang, 1990) : OL (Male described originally

Male redescribed, species transferred from *Stactobiella* to *Chrysotrichia* by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1051, pl 39 Holotype--Male; China: Hainan, Bawangling (320 m), 25-IX-1988, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection China (Hainan))

*Stactobiella pulmonaria* YG Xue & LF Yang, 1990

Syn.: *Chrysotrichia tanduk* A Wells & J Huisman, 1993

*Chrysotrichia quirinus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Chrysotrichia ganjil* A Wells & J Huisman Holotype--Male; THAILAND: Kao Kitchakut National Park, 12\*50'N, 102\*07'E, 100 m, 25-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Chrysotrichia simplex* A Wells & W Mey, 2002 : OL (Philippines)

*Chrysotrichia sinuosa* W Mey, 2003 : OL (Male described originally, related to *Chrysotrichia barbalis* W Mey, 2003 Holotype--Male; Philippines: Leyte, Baybay, Mt. Panasugan, 13-iv-1997, W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Chrysotrichia siriya* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Chrysotrichia skamandros* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Chrysotrichia ganjil* A Wells & J Huisman Holotype--Male; THAILAND: Doi Suthep National Park, Montatan Waterfall, 18\*49'N, 098\*55'E, 8-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Chrysotrichia sparta* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Chrysotrichia talhybios* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Chattrakan, 17\*18'N, 100\*41'E, 8-xii-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Chrysotrichia sukamade* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Chrysotrichia syrinx* H Malicky, 2008 : OL (Male described originally near *Chrysotrichia coodei* A Wells & Huisman Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 05-viii-2000, B0521PLS, P

Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Chrysotrichia tabonensis* W Mey, 1998 : OL (Philippines)  
*Chrysotrichia tajam* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))  
*Chrysotrichia talthybios* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near  
*Chrysotrichia sparta* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Pong Dueat, 10-iv-1987, leg Schwendinger; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Chrysotrichia tanduk* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))  
*Chrysotrichia terpisaduri* A Wells, 1993 : OL (Indonesia (Bali))  
*Chrysotrichia tigacabanga* A Wells, 1990 : OL (Male described originally near *Chrysotrichia badhami*  
F Schmid Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Tumpah R  
tributary above first fall, 4-v-19085, light trap, A Wells; deposited in the Museum of Victoria,  
Melbourne, Australia Indonesia (Sulawesi))  
*Chrysotrichia trifida* W Mey, 1998 : OL (Philippines)  
*Chrysotrichia trisula* A Wells, 1993 : OL (Indonesia (Bali))  
*Chrysotrichia tydeus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near  
*Chrysotrichia terpisaduri* A Wells Holotype--Male; THAILAND: Taleban, 06\*43'N, 100\*10'E, leg  
Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria  
Thailand)  
*Chrysotrichia vulcanus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near  
*Chrysotrichia gajah* A Wells & J Huisman

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27  
Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 18\*46'N, 099\*28'E, 500 m, 25-  
26-v-2005, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See,  
Austria Thailand)

*Chrysotrichia watuwila* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))  
*Chrysotrichia zoroastres* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near  
*Chrysotrichia ganjil* A Wells & J Huisman Holotype--Male; THAILAND: Namtok Pasua, 19\*24'N,  
097\*56'E, 300 m, 15-xii-1990, leg Chantaramongkol; deposited in the collection of H Malicky, Lunz  
am See, Austria Thailand)

#### ***Chyranda* HH Ross, 1944**

*Chyranda centralis* (N Banks, 1900) : NA (United States of America)  
*Asynarchus centralis* N Banks, 1900  
Syn.: *Asynarchus pallidus* N Banks, 1903  
Syn.: *Chyranda cordon* HH Ross, 1949  
Syn.: *Chyranda parvula* DG Denning, 1948  
Syn.: *Parachiona signata* N Banks, 1907

#### ***Clavichorema* F Schmid, 1955**

*Clavichorema capillatum* F Schmid, 1955 : NT (Chile)  
*Clavichorema chiloeanum* F Schmid, 1955 : NT (Chile)  
*Clavichorema complicatissimum* F Schmid, 1955 : NT (Chile)  
*Clavichorema pescaderum* OS Flint, 1983 : NT (Chile)  
*Clavichorema pillimpilli* F Schmid, 1957 : NT (Chile)  
*Clavichorema purgatorium* OS Flint, 1969 : NT (Chile)  
*Clavichorema transcasicum* F Schmid, 1955 : NT (Chile)

#### ***Clistoronia* N Banks, 1916**

##### **subgenus *Clistoronia* N Banks, 1916**

*Clistoronia (Clistoronia) formosa* (N Banks, 1900) : NA (Female described by DE Ruitter & DW  
Blinn, 2009, *Braueria* 36: 5, f 9a-g United States of America)  
*Halesus formosa* N Banks, 1900  
*Clistoronia (Clistoronia) graniculata* (DG Denning, 1966) : NA, NT (Mexico (Durango))  
*Limnephilus graniculata* DG Denning, 1966  
*Clistoronia (Clistoronia) maculata* (N Banks, 1904) : NA (Mean frequency, maximum percent  
composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado

River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 5, f 10a-g United States of America)

*Dicosmoecus maculata* N Banks, 1904

*Clistoronia (Clistoronia) magnifica* (N Banks, 1899) : NA (United States of America)

*Halesus magnifica* N Banks, 1899

Syn.: *Anabolia caroli* DG Denning, 1941

**subgenus *Clistoroniella* F Schmid, 1955**

*Clistoronia (Clistoroniella) flavicollis* (N Banks, 1900) : NA (Alaska)

*Asynarchus flavicollis* N Banks, 1900

***Clostoeca* N Banks, 1943**

*Clostoeca disjuncta* (N Banks, 1914) : NA (Canada)

*Anisogamus disjuncta* N Banks, 1914

Syn.: *Clostoeca sperryae* N Banks, 1943

***Cnodocentron* F Schmid, 1982**

**subgenus *Caenocentron* F Schmid, 1982**

*Cnodocentron (Caenocentron) galesus* F Schmid, 1982 : NT (Costa Rica)

*Cnodocentron (Caenocentron) ideolus* F Schmid, 1982 : NT (Mexico (Distrito Federal))

*Cnodocentron (Caenocentron) immaculatum* OS Flint, 1991 : NT (Colombia)

*Cnodocentron (Caenocentron) lausus* F Schmid, 1982 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Nicaragua)

*Cnodocentron (Caenocentron) pallas* F Schmid, 1982 : NT (Panama)

*Cnodocentron (Caenocentron) trilineatum* (ME Mosely, 1934) : NT (Mexico (Tabasco))

*Melanotrichia trilineatum* ME Mosely, 1934

*Cnodocentron (Caenocentron) yavapai* SR Moulton & KW Stewart, 1997 : NA (Male, larva, and pupa described originally)

Female described by DE Ruiter, 2006, Western N Amer Naturalist 66(4): 527-528

United States of America)

**subgenus *Cnodocentron* F Schmid, 1982**

*Cnodocentron (Cnodocentron) brogimarus* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Cnodocentron (Cnodocentron) devayani* F Schmid, 1982 : OL (India)

*Cnodocentron (Cnodocentron) girika* F Schmid, 1982 : OL (India)

*Cnodocentron (Cnodocentron) tchaturbhujia* F Schmid, 1982 : OL (India)

*Cnodocentron (Cnodocentron) vrisaparvan* F Schmid, 1982 : OL (India)

***Coenoria* ME Mosely, 1953**

*Coenoria boera* ME Mosely, 1953 : AU (Australia)

***Colpotaulius* F Kolenati, 1848**

*Colpotaulius incisus* (J Curtis, 1834) : PA ("Var. borealis McLachl." was listed by J Sahlberg, 1893, Acta Societatis pro Fauna et Flora Fennica 9(3): 8, as a variety of *Colpotaulius incisus* Curtis, but without a description or an indication; conversely, R McLachlan, 1874, Monographic Revision and Synopsis of the Trichoptera of the European Fauna, p 36, did not use this or any other name for the specimens from Finland he described; consequently, the variety name (or subspecies name) "borealis" seems not to be an available name

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 240

Reported from Germany by PJ Neu, 1999, *Mitteilungen der Pollichia* 86: 151-160

Reports of this species in eastern Russia are in error according to VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 111

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril Islands and Sakhalin* 1: 54

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Transferred by implication to resurrected genus *Colpotaulius* by TS Vshivkova, JC Morse, & D Ruiter, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 316-318, f 4

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 69

Listed from Ukraine as *Limnephilus incisus* J Curtis by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

*Limnephilus incisus* J Curtis, 1834

Syn.: *Colpotaulius excisus* F Kolenati, 1848

Syn.: *Limnephila striolata* P Rambur, 1842

### ***Confluens* KAJ Wise, 1962**

*Confluens hamiltoni* (RJ Tillyard, 1924) : AU (New Zealand)

*Pycnocentrodes hamiltoni* RJ Tillyard, 1924

*Confluens olingoides* (RJ Tillyard, 1924) : AU (New Zealand)

*Pycnocentrodes olingoides* RJ Tillyard, 1924

### ***Conoesucus* ME Mosely, 1936**

*Conoesucus adistolus* JE Jackson, 1998 : AU (Male re-illustrated by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74, f 24F-G Holotype--Male; Australia: Tasmania, Gordon River, 2 km downstream of Serpentine junction, 12 Jan 1977; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 75) Australia (Tasmania))

*Conoesucus brontensis* A Neboiss, 1977 : AU (Male re-illustrated by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74, f 24D Holotype--Male; Australia: Tasmania, 5 km W of Bronte, 8 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 75) Australia (Tasmania))

*Conoesucus digitiferus* S Jacquemart, 1965 : AU (Male re-illustrated by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74, f 24B Holotype--Male; Australia: Tasmania, Cradle Mountain, 12 Jan 1923; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 75) Australia (Tasmania))

*Conoesucus fromus* ME Mosely, 1936 : AU (Male re-illustrated by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74, f 24A Holotype--Male; Australia: Tasmania, Miena, Great Lake, Dec 1930; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74) Australia (Tasmania))

Syn.: *Conoesucus moselyi* S Jacquemart, 1965

*Conoesucus nepotulus* A Neboiss, 1977 : AU (Male re-illustrated by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 74, f 24E Holotype--Male; Australia: Tasmania, Dip River Falls, 1 Dec 1974;

deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 75) Australia (Tasmania))  
*Conoesucus norelus* ME Mosely, 1953 : AU (Male re-illustrated by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 74, f 24C Holotype--Male; Australia: Tasmania, New Norfolk, Mar 1938; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 75) Australia (Tasmania))  
*Conoesucus notialis* JE Jackson, 1998 : AU (Male re-illustrated by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 74, f 24H-I Holotype--Male; Australia: Tasmania, Twin Creeks, Scotts Peak Dam road, 25 Aug 1988; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76) Australia (Tasmania))  
*Conoesucus semiauratus* ME Mosely, 1953 : AU (Australia)

### ***Conorophylax* F Schmid, 1955**

*Conorophylax carinthiacus* H Malicky, 1992 (Austria)  
*Conorophylax consors* (R McLachlan, 1880) (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791 France)  
*Stenophylax consors* R McLachlan, 1880  
*Conorophylax corvo* H Malicky, 2008 (Male described originally Holotype--Male; ITALY: Piemonte, Briga Alta (Cuneo), Navette, Torrente Corvo, 1900 m, 44°08'N, 007°43'E, leg GB Delmastro; deposited in the H Malicky Collection, Lunz am See, Austria Italy)  
*Conorophylax delmastroi* H Malicky, 2004 (Male described originally

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy, Piemont, Paesana (Prov Cuneo), Pian Mune 1530 m, 44°41'N, 7°16'E, 7-x-2002, leg GB Delmastro; deposited in the H Malicky collection, Lunz am See, Austria Italy)

*Conorophylax montivagus* (R McLachlan, 1867) (Carinthia)

*Stenophylax montivagus* R McLachlan, 1867

*Conorophylax piemontanus* DE Kimmins & L Botosaneanu, 1967 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Conorophylax styriacus* DE Kimmins & L Botosaneanu, 1967 (Male described originally as a subspecies of *Conorophylax consors* R McLachlan, 1880

Distinct species according to H Malicky, 2005, Linzer biol Beitr 37(1): 575 Austria, Styria)

### ***Contulma* OS Flint, 1969**

*Contulma adamsae* RW Holzenthal & OS Flint, 1995 : NT (Peru)  
*Contulma bacula* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma boliviensis* RW Holzenthal & DR Robertson, 2006 : NT (Bolivia)  
*Contulma caldensis* RW Holzenthal & OS Flint, 1995 : NT (Colombia)  
*Contulma cataracta* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma colombiensis* RW Holzenthal & OS Flint, 1991 : NT (Colombia)  
*Contulma costaricensis* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)  
*Contulma cranifer* OS Flint, 1969 : NT (Chile)  
*Contulma echinata* RW Holzenthal & OS Flint, 1995 : NT (Colombia)  
*Contulma ecuadorensis* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma fluminensis* RW Holzenthal & DR Robertson, 2006 : NT (Brazil)  
*Contulma inornata* RW Holzenthal & OS Flint, 1995 : NT (Colombia)  
*Contulma lanceolata* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma meloi* RW Holzenthal & DR Robertson, 2006 : NT (Brazil)  
*Contulma nevada* RW Holzenthal & OS Flint, 1995 : NT (Colombia)  
*Contulma papallacta* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma penai* RW Holzenthal & OS Flint, 1995 : NT (Ecuador)  
*Contulma sancta* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)  
*Contulma spinosa* RW Holzenthal & OS Flint, 1991 : NT (Colombia)  
*Contulma talamanca* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)



*Contulma tapanti* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)  
*Contulma tica* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)  
*Contulma tijuca* RW Holzenthal & OS Flint, 1995 : NT (Brazil)  
*Contulma tripui* RW Holzenthal & DR Robertson, 2006 : NT (Brazil)  
*Contulma valverdei* RW Holzenthal & OS Flint, 1995 : NT (Costa Rica)

#### ***Costachorema* AG McFarlane, 1939**

*Costachorema brachypterum* AG McFarlane, 1939 : AU (Species epithet emended from *Costachorema brachyptera* by JB Ward, 1999, Rec Canterbury Mus 13: 92

Larva redescribed by BJ Smith, 2002, Aquatic Insects 24(1): 25, figs New Zealand)

*Costachorema callistum* AG McFarlane, 1939 : AU (

Larva redescribed by BJ Smith, 2002, Aquatic Insects 24(1): 28, figs New Zealand)

*Costachorema hebdomon* AG McFarlane, 1981 : AU (Larva described by BJ Smith, 2002, Aquatic Insects 24(1): 29, figs New Zealand)

*Costachorema hecton* AG McFarlane, 1981 : AU (Larva described by BJ Smith, 2002, Aquatic Insects 24(1): 29, figs New Zealand)

*Costachorema notopterum* KAJ Wise, 1972 : AU (Species epithet emended from *Costachorema notoptera* by JB Ward, 1999, Rec Canterbury Mus 13: 92

Larva redescribed by BJ Smith, 2002, Aquatic Insects 24(1): 30, figs New Zealand (Auckland Islands))

*Costachorema peninsulæ* JB Ward, 1995 : AU (Larva described by BJ Smith, 2002, Aquatic Insects 24(1): 31, figs New Zealand)

*Costachorema psaroptera* AG McFarlane, 1939 : AU (Species epithet emended from *Costachorema psaroptera* by JB Ward, 1999, Rec Canterbury Mus 13: 92

Larva redescribed by BJ Smith, 2002, Aquatic Insects 24(1): 31, figs New Zealand)

*Costachorema xanthopterum* AG McFarlane, 1939 : AU (Species epithet emended from *Costachorema xanthoptera* by JB Ward, 1999, Rec Canterbury Mus 13: 92

Larva redescribed by BJ Smith, 2002, Aquatic Insects 24(1): 32, figs New Zealand)

#### ***Costatrichia* ME Mosely, 1937**

*Costatrichia bipartita* OS Flint, 1970 : NT (Male reillustrated by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): f 19A-E

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Nicaragua)

*Costatrichia carara* RW Holzenthal & SC Harris, 1999 : NT (Male and female described originally Costa Rica)

*Costatrichia cressae* RW Holzenthal & SC Harris, 1999 : NT (Male and female described originally Venezuela)

*Costatrichia flinti* RW Holzenthal & SC Harris, 1999 : NT (Male described originally Costa Rica)

*Costatrichia lodora* ME Mosely, 1937 : NT (Male redescribed by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): 541, 543, 545, f 1A, 2A, 3, 4

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Mexico (Chaipas))

*Costatrichia noite* EB Angrisano, 1995 : NT (Male reillustrated by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): f 21A-E Uruguay)

*Costatrichia panamensis* OS Flint, 1967 : NT (Male reillustrated by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): f 20A-E Panama)

*Costatrichia simplex* OS Flint, 1970 : NT (Male redescribed and female described by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): 545, 549, f 6A-E, 7A-C

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 El Salvador)

*Costatrichia spinifera* OS Flint, 1970 : NT (Reported from Costa Rica, male redescribed by RW

Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): 558, 561, f 16A-E Panama)  
*Costatrichia tripartita* OS Flint, 1970 : NT (Reported from Costa Rica, male redescribed and female described by RW Holzenthal & SC Harris, 1999, Proc Entomol Soc Washington 101(3): 549, 552, f 8A-E, 9A-C Panama)  
*Costatrichia venezuelensis* OS Flint, 1981 : NT (Originally described as subspecies *Costatrichia tripartita venezuelensis*;

Recorded from Costa Rica, male reillustrated, and status elevated to species by RW Holzenthal & SC Harris, 1999, P Entomol Soc Washington 101(3): 558, f 14A-E, 15A-B Venezuela)  
*Costatrichia zopilote* RW Holzenthal & SC Harris, 1999 : NT (Male and female described originally Costa Rica)

### ***Costora* ME Mosely, 1936**

*Costora delora* ME Mosely, 1953 : AU (Australia)  
*Costora ebenina* A Neboiss, 1977 : AU (Australia)  
*Costora iena* ME Mosely, 1936 : AU (Australia)  
*Costora krene* A Neboiss, 1977 : AU (Australia)  
*Costora luxata* A Neboiss, 1977 : AU (Australia)  
*Costora ramosa* S Jacquemart, 1965 : AU (Australia)  
*Costora rotosca* ME Mosely, 1953 : AU (Australia)  
*Costora seposita* A Neboiss, 1977 : AU (Australia)

### ***Crenophylax* DE Ruiter & H Nishimoto, 2007**

### ***Crunoecia* R McLachlan, 1876**

*Crunoecia fortuna* H Malicky, 2002 (Male described originally

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Liguria, Piampaludo (Savona, Bach westlich von Piampaludo, 800 m, 44\*27'N, 8\*34'E, 24-6-2001); deposited in the H Malicky collection, Lunz am See, Austria Italy)

*Crunoecia irrorata* (J Curtis, 1834) (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Recorded from Finland by Anonymous, 1998, Entomol Fennica 10(1): 1-5

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 262

Distribution and biological notes discussed by K. Kumanski, 2001, Acta Zoologica Bulgarica 53(2): 63-66

Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 133

Reported from Poland by J Majecki & K Majecka, 2002, Acta Universitatis Lodzianis Folia Biologica et Oecologica 1: 113-121

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Britain)

*Goera irrorata* J Curtis, 1834

Syn.: *Mormonia minor* JF Stephens, 1836

Syn.: *Sericostoma hirtum* FJ Pictet, 1834

*Crunoecia irrorata sarda* H Malicky, 1981 (~irrorata (J Curtis, 1834, Phil Mag 4: 215), *Goera*

Occurring in geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Crunoecia kempnyi* KJ Morton, 1901 (Larva described by J Waringer & W Graf, 1996, Aquat Ins 18(1): 30, 33-34, f 1-15)

Distribution and biological notes discussed by K. Kumanski, 2001, Acta Zoologica Bulgarica 53(2): 63-66 Austria)

*Crunoecia monospina* L Botosaneanu, 1960 (Female redescribed by K Kumanski, 2001, Acta Zoologica Bulgarica 53(2): 63-66, f 1-4 Bosnia, Roumania)

### ***Cryptobiosella* IM Henderson, 1983**

*Cryptobiosella furcata* IM Henderson, 1983 : AU (New Zealand)

*Cryptobiosella hastata* IM Henderson, 1983 : AU (New Zealand)

*Cryptobiosella spinosa* IM Henderson, 1983 : AU (New Zealand)

*Cryptobiosella tridens* IM Henderson, 1983 : AU (New Zealand)

### ***Cryptothrix* R McLachlan, 1867**

*Cryptothrix nebulicola* R McLachlan, 1867 (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791)

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 388, f 20 Switzerland)

Syn.: *Drusus alpimar* L Botosaneanu & J Giudicelli, 1983

### ***Cubanoptila* JL Sykora, 1973**

*Cubanoptila botosaneanui* K Kumanski, 1987 : NT (Cuba)

*Cubanoptila cubana* JL Sykora, 1973 : NT (Male redescribed from Miocene Dominican amber by W Wichard, 2007, Stuttgarter Beitrage zur Naturkunde, Ser B, Nr 366: 7 Cuba)

*Cubanoptila madremia* L Botosaneanu, 1977 : NT (Cuba)

*Cubanoptila muybonita* L Botosaneanu, 1977 : NT (Cuba)

*Cubanoptila purpurea* JL Sykora, 1973 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Cubanoptila tridens* L Botosaneanu, 1998 : NT (Biological notes provided L Botosaneanu & EJ Hyslop, 1999, Entomol Zeitschr 109(8): 325-329 Jamaica)

### ***Culoptila* ME Mosely, 1954**

*Culoptila acaena* J Bueno-Soria & S Santiago de Fragoso, 1996 : NT (Male redescribed from Mexico (Guerrero) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 11, f 10A-B Holotype--Male; MEXICO: Guerrero, NW Zihuatanejo, km 80, Ruta 130, 1200 m, 7-vi-1984, Bueno & Barrera; deposited in the insect collections of the Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 11) Mexico (Guerrero))

*Culoptila aluca* ME Mosely, 1954 : NT (Male redescribed from Mexico (Guerrero, Morelos, Oaxaca) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 13-14, f 6, 11A-B Mexico (Michoacan))

*Culoptila amberia* ME Mosely, 1954 : NT (Male redescribed from Mexico (Chiapas) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 14, f 12 Holotype--Male; MEXICO: [Chiapas], Liquidamber, 19-iii-1931, A Dampf; deposited in The Natural History Museum, London, United Kingdom (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 12) Mexico (Chiapas))

*Culoptila azulae* J Bueno-Soria & S Santiago de Fragoso, 1996 : NT (Male redescribed from Mexico

(Chiapas) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 15, f 13A-B Holotype--Male; MEXICO: Chiapas, Ocosingo, Reserva Montes Azules, 29-iv-1986, R Barba et al; deposited in the insect collection of the Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 15) Mexico (Chiapas))  
*Culoptila barrerai* J Bueno-Soria & S Santiago de Fragoso, 1996 : NT (Male redescribed from Mexico (Oaxaca) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 17, f 14A-B Holotype--Male; MEXICO: Oaxaca, Pochutla, Finca Progreso, 2-vi-1987, E Barrera; deposited in the insect collection of the Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 17) Mexico (Oaxaca))  
*Culoptila bidentata* RJ Blahnik & RW Holzenthal, 2006 : NT (Male and female described originally near *Culoptila aluca* ME Mosely and *Culoptila azulae* J Bueno-Soria & S Santiago de Fragoso Holotype--Male; COSTA RICA: Alajuela, Rio Pizote, ca 5 km N Dos Rios, 10°56'53"N, 085°17'28"W, 470 m, 9-iii-1986, Holzenthal & Fasth; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)  
*Culoptila buenoi* RJ Blahnik & RW Holzenthal, 2006 : NT (Male described originally near *Culoptila kimminsi* DG Denning Holotype--Male; MEXICO: Puebla, 26 km N Xicotepec de Juarez, km 93, Rta 130, 23-i-1985, Bueno-Soria; deposited in the insect collection of the Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Puebla))  
*Culoptila cantha* (HH Ross, 1938) : NA (Life history and case-building behavior described by DC Houghton & KW Stewart, 1998, Ann Entomol Soc Amer 91(1): 59-70)

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribed from United States of America (Arizona, Colorado, New Mexico, Texas, Wyoming) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 20, 22, f 17, 18A-B United States of America)

*Protoptila cantha* HH Ross, 1938

*Culoptila cascada* RJ Blahnik & RW Holzenthal, 2006 : NT (Male described originally near *Culoptila hamata* RJ Blahnik & RW Holzenthal, *Culoptila tapanti* RJ Blahnik & RW Holzenthal, and *Culoptila unispina* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, Quebrada Palmitos & falls, c 9 km (road) NW tunnel, 09°43'12"N, 083°46'48"W, 1400 m, 1-2-viii-1990, Holzenthal, Blahnik, & Munoz; UMSP00000495; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)  
*Culoptila costaricensis* OS Flint, 1974 : NT (Male redescribed from Costa Rico (Cartago) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 23-24, f 20A-B Holotype--Male; COSTA RICA: Cartago, Ojo de Agua, Route 2, km 75, 20-vii-1967, OS Flint; USNM Type No 72732; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 24) Costa Rica)

*Culoptila denningi* J Bueno-Soria & S Santiago de Fragoso, 1996 : NA, NT (Male redescribed from Mexico (Guerrero) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 24-26, f 21A-B

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Holotype--Male; MEXICO: Guerrero, NW Zihuatanejo, km 80, Ruta 130, 1200 m, 7-vi-1984, Bueno & Barrera; deposited in the insect collection of the Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 26) Mexico (Guerrero))

*Culoptila hamata* RJ Blahnik & RW Holzenthal, 2006 : NT (Male and female described originally near *Culoptila tapanti* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Rio Toro, 3.0 km (road) SW Bajos del Toro, 10°12'14"N, 084°18'58"W, 1530 m, 3-4-ix-1990, Holzenthal, Blahnik, & Huisman; UMSP000000386; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

*Culoptila jamapa* J Bueno-Soria & S Santiago de Fragoso, 1996 : NA, NT (Male redescribed from Mexico (Puebla, Veracruz) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 28, f 24A-B Mexico (Veracruz))

*Culoptila kimminsi* DG Denning, 1965 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribed from United States of America (Arizona) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 30, f 25A-B

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Culoptila montanensis* OS Flint, 1967 : NT (Male redescribed from Guatemala by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 30-31, f 26A-B Holotype--Male; GUATEMALA: El Progreso, Finca la Cajeta, 12-20-viii-1965, Flint & Ortiz, UNSM Type No 69569; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 31) Guatemala)  
*Culoptila moselyi* DG Denning, 1965 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribed and larval case described from United States of America (Arizona, New Mexico) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 31-32, f 2, 8, 27A-B

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Culoptila nahuatl* OS Flint, 1974 : NT (Male redescribed from Mexico (Veracruz) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 32-34, f 28A-B Holotype--Male; MEXICO: Veracruz, Fortin de las Flores, 24-vii-1966, Flint & Ortiz; USNM Type No 72731; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 34) Mexico (Veracruz))

*Culoptila pararusia* RJ Blahnik & RW Holzenthal, 2006 : NT (Male described originally near *Culoptila rusia* ME Mosely Holotype--Male; MEXICO: Chiapas, trib to Rio de Teapa on Mex 195, 1.5 mi N Ixhuatan, 23-xii-1983, Hamilton, Holzenthal, & Kovach; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Chiapas))

*Culoptila plummerensis* RJ Blahnik & RW Holzenthal, 2006 : NA (Male described originally near *Culoptila cantha* (HH Ross) Holotype--Male; UNITED STATES OF AMERICA: Maryland, Plummers Island, 24-vi-1902, RP Currie (paratype of *Culoptila cantha* (HH Ross)); UMSP000206886; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Culoptila rusia* ME Mosely, 1954 : NT (Male redescribed from Guatemala and Mexico (Chiapas, Veracruz) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 38, f 31A-B Mexico (Chiapas))

*Culoptila saltena* ME Mosely, 1954 : NT (Male redescribed from Guatemala, Honduras, and Mexico (Chiapas) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 39, f 32A-B

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))

*Culoptila tapanti* RJ Blahnik & RW Holzenthal, 2006 : NT (Male described originally near *Culoptila hamata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, Rio Grande de Orosi, 09°41'10"N, 083°45'22"W, 1650 m, 18-21-iii-1987, Holzenthal, Hamilton, & Heyn; UMSP000000484; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

*Culoptila tarascanica* OS Flint, 1974 : NT (Male redescribed from Mexico (Michoacan) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 42, f 34A-B Holotype--Male; MEXICO: Michoacan, Carapan, Rt 15, km 431, 16-vii-1966, Flint & Ortiz; USNM Type No 72730; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 42) Mexico (Michoacan))

*Culoptila thoracica* (HH Ross, 1938) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribed from Mexico (Chihuahua, Michoacan) and United States of America (Arizona, Colorado, New Mexico) by RJ Blahnik & RW Holzenthal, 2006, Zootaxa 1233: 42-44, f 5, 35A-B United States of America)

*Protoptila thoracica* HH Ross, 1938

*Culoptila unispina* RJ Blahnik & RW Holzenthal, 2006 : NT (Male and larval case described originally near *Culoptila hamata* RJ Blahnik & RW Holzenthal and *Culoptila tapanti* RJ Blahnik & RW Holzenthal, from Costa Rica (Puntarenas, San Jose) and Panama (Chiriqui) Holotype--Male; COSTA RICA: Puntarenas, Rio Bellavista, ca 1.5 km NW Las Alturas, 08°57'04"N, 082°50'46"W, 1400 m, 10-11-viii-1990, Holzenthal, Blahnik, & Munoz; UMSP000000497; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

*Culoptila vexillifera* RJ Blahnik & RW Holzenthal, 2006 : NT (Male described originally near *Culoptila montanensis* OS Flint Holotype--Male; GUATEMALA: Chimaltenango, 19-20-viii-1965, Spangler; UMSP000206898; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Guatemala)

### ***Cyclopsiella* J Kjaerandsen, 1997**

*Cyclopsiella anderseni* J Kjaerandsen, 1997 : AT (Ghana)

### ***Cyrnellus* N Banks, 1913**

*Cyrnellus arotron* OS Flint, 1971 : NT (Brazil)

*Cyrnellus bifidus* OS Flint, 1971 : NT (Brazil)

*Cyrnellus collaris* OS Flint, 1971 : NT (Brazil)

*Cyrnellus fraternus* (N Banks, 1905) : NA, NT (Ecology, biomass, distribution, density, productivity by ZB Johnson, AK Riggs, & JH Kennedy, 1998, Ann Entomol Soc Amer 91(5): 641-646

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46

Wing coupling structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 United States of America)

*Cyrnus fraternus* N Banks, 1905

Syn.: *Cyrnellus minimus* N Banks, 1913

Syn.: *Cyrnellus zernyi* ME Mosely, 1934

Syn.: *Nyctiophylax marginalis* N Banks, 1930

*Cyrnellus mammillatus* OS Flint, 1971 : NT (Brazil)

*Cyrnellus misionensis* OS Flint, 1983 : NT (Argentina)

*Cyrnellus rianus* OS Flint, 1983 : NT (Argentina)

*Cyrnellus risi* (G Ulmer, 1907) : NT (Argentina)

*Cyrnus risi* G Ulmer, 1907

*Cyrnellus ulmeri* OS Flint, 1971 : NT (Brazil)

*Cyrnellus zapateriensis* ML Chamorro-Lacayo, 2003 : NT (Male described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Holotype--Male; Nicaragua: Granada, Isla Zapatera, El Bambu, Frente a Lago de Nicaragua, 11°45-829'N, 85°51-991'W, el 42 m, 19-vii-2001, Chamorro, Martinez, Ruiz (UMSP000066725); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

### ***Cyrnodes* G Ulmer, 1910**

*Cyrnodes scotti* G Ulmer, 1910 : AT (redescription and female described by by J Kjaerandsen, 1997, P Internatn Symp Trich 8: 253, 256, figs lectotype designated by J Kjaerandsen, 1997, P Internatn Symp Trich 8: 256, figs Seychelles)

### ***Cyrnopsis* AV Martynov, 1935**

*Cyrnopsis palpalis* AV Martynov, 1935 : OL (India)  
*Cyrnopsis pingensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

***Cyrnus* JF Stephens, 1836**

*Cyrnus cintranus* R McLachlan, 1884 (Portugal)  
*Cyrnus crenaticornis* (F Kolenati, 1859) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Female diagnosed by B Robert and PJ Neu, 2002, Proc Internatn Symp Trich 10: 235-238, 660

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria)

*Tinodes crenaticornis* F Kolenati, 1859

*Cyrnus fennicus* H Klingstedt, 1937 : PA (Recorded from Japan, male redescribed by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 313-314, f 5

Female diagnosed by B Robert and PJ Neu, 2002, Proc Internatn Symp Trich 10: 235-238, 660

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 16-17 Finland)

*Cyrnus flavidus* R McLachlan, 1864 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Resource partitioning, intraguild predation relationships by P Koperski , 1998, Arch Hydrobiol 142(4): 467-483

Reported from Hungary by S Nogradi, 2001, Folia Historico Naturalia Musei Matraensis 25: 83-90

Female diagnosed by B Robert and PJ Neu, 2002, Proc Internatn Symp Trich 10: 235-238, 660

Gut contents, multivariate analysis of feeding guild in lakes reported by P Koperski, 2002, Archiv fuer Hydrobiologie 155(2): 291-314

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Tinodes (Oncocerus) albigutta* F Kolenati, 1859

Syn.: *Tinodes (Oncocerus) tenuis* F Kolenati, 1859

*Cyrnus insolutus* R McLachlan, 1878 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard,

1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Female diagnosed by B Robert and PJ Neu, 2002, Proc Internatn Symp Trich 10: 235-238, 660

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64 France)

Syn.: *Cyrnus fenestratus* F Ris, 1893

Syn.: *Philopotamus urbanus* P Rambur, 1842

*Cyrnus lusitanus* L Navas, 1934 (Portugal)

*Cyrnus microdiscatus* AV Martynov, 1924 (Russia (South Siberia - Sajan Mountains))

*Cyrnus monserrati* MA Gonzalez & JC Otero, 1983 (Possible larva described (as *Cyrnus*

"monserrati") by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 57 Spain)

Syn.: *Cyrnus maroccanus* L Botosaneanu, 1983

*Cyrnus nipponicus* M Tsuda, 1942 (Reported from Hokkaido, male redescribed by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 314-315, f 6, 8E Japan)

*Cyrnus trimaculatus* (J Curtis, 1834) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Male and female redescribed from Italy (Umbria) by F Cianficconi, P Salerno, & B Todini, 2000, Rivista di Idrobiologia 39(1-3): 263-294, figs

Female diagnosed by B Robert and PJ Neu, 2002, Proc Internatn Symp Trich 10: 235-238, 660

Sensitivity to single and multiple stressors (diazinon, copper, low dissolved oxygen) reported by HG van der Geest, MHS Michiel, & GD Greve, 2002, Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological Society (N.E.V.) 13: 9-19

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, Lauterbornia 56: 155-167

Listed from northwestern Turkey as *Cyrnus trimaculatus* by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Philopotamus trimaculatus* J Curtis, 1834

Syn.: *Cyrnus pulchellus* JF Stephens, 1836

Syn.: *Cyrnus unipunctatus* JF Stephens, 1836

Syn.: *Philopotamus flavomaculatus* P Rambur, 1842

Syn.: *Plectrocnemia atomaria* F Kolenati, 1859

**Daternomina A Neboiss, 2002**



*Daternomina alicewellsae* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: Queensland, Mulgrave R, W of Gordonvale (about 17°08'S, 145°45'E, 29 Apr 1979, A Wells; NMV, T-19565; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina bifida* DI Cartwright, 2008 : AU (Male described originally near *Daternomina scissura* DI Cartwright and *Daternomina ikathan* DI Cartwright Holotype--Male; AUSTRALIA: New South Wales, Wilson R, NW of Wauchope, 31°14'S, 152°34'E, 30 Oct 1981, Wells and Carter; NMV, T-19592; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina birrarung* DI Cartwright, 2008 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Victoria, Yarra R, 2 km N Wonga Park (about 37°44'S, 145°15'E), 23 Feb 1976, A Neboiss; NMV, T-19547; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina genoaensis* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: Victoria, Genoa Ck, 4 km W of Genoa (about 37°28'S, 149°34'E), UV It, 8 Dec 2003, D Cartwright; NMV, T-19564; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina hamata* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: New South Wales, Nungatta Ck, Yambula State Forest (about 37°07'33"S, 149°29'16"E), 16-17 Feb 2000, J Miller; NMV, T-19585; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina ikathan* DI Cartwright, 2008 : AU (Male described originally near *Daternomina scissura* DI Cartwright and *Daternomina bifida* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Upper Freshwater Ck, Whitfield Range nr Cairns (about 16°57'S, 145°42'E), 15 Dec 1974, MS Moulds; NMV, T-19589; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina irrorata* (DE Kimmins, 1953) : AU (Female genitalia and male wing venation described, additional Tasmanian localities by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 65, 16C-F

Male and female redescribed by DI Cartwright, 2008, Zootaxa 1774: 19-21, f 1-2, 31-33, 59 Holotype--Male; AUSTRALIA: Tasmania, Deloraine, 26-27 Dec 1884; deposited in McLachlan Collection, The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 65) Australia (Tasmania))

*Ecnomina irrorata* DE Kimmins, 1953

*Daternomina jacksonae* A Neboiss, 2002 : AU (Male and female described originally

Male and female re-described by DI Cartwright, 2008, Zootaxa 1774: 12-13, f 10-12, 56 Holotype--Male; AUSTRALIA: Tasmania, Lake Pedder, Frankland shore, 42°58'S, 146°09'E, 10 Feb 1999, J Jackson; deposited in Museum Victoria, Melbourne, Australia Australia (Tasmania))

*Daternomina loowa* DI Cartwright, 2008 : AU (Male and female described originally near *Daternomina trulla* (A Neboiss) and *Daternomina quasitrulla* A Neboiss) Holotype--Male; AUSTRALIA: Queensland, Seary's Ck, Rainbow Beach, 25°58'S, 153°04'E, 9 Jan 1986, G Theischinger; NMV, T-19572; deposited in Museum Victoria, Melbourne, Australia Australia)

*Daternomina merga* (A Neboiss, 1982) : AU (Male redescribed, transferred from *Ecnomina* to *Daternomina* by DI Cartwright, 2008, Zootaxa 1774: 21-22, f 34-36 Holotype--Male; AUSTRALIA: Western Australia, Blackwood River, Sue's Bridge, 25 Nov 1978, A Neboiss; NMV, T-6248; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, Zootaxa 1774: 22) Australia)

*Ecnomina merga* A Neboiss, 1982

*Daternomina quasitrulla* A Neboiss, 2002 : AU (Male described originally

Male redescribed by DI Cartwright, 2008, Zootaxa 1774: 19, f 28-30 Holotype--Male: Australia: Tasmania, Fortescue Bay 43°08'S, 147°57'E, Tasman Peninsula [wet sclerophyll forest, collected in Malaise trap], 7-9 Feb 1989, D Bickle (male genitalia preparation PT-1834 illustrated); deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Daternomina scindens* (A Neboiss, 1982) : AU (Male and female redescribed near *Daternomina merga* (A Neboiss), transferred from *Ecnomina* to *Daternomina* by DI Cartwright, 2008, Zootaxa 1774: 22-23, f 37-39, 60 Holotype--Male; AUSTRALIA: Western Australia, Harvey River near Harvey Falls, 15 km E of Harvey, 21 Nov 1978, A Neboiss; NMV, T-6332; deposited in Museum Victoria, Melbourne, Australia (Cartwright, 2008, Zootaxa 1774: 23) Australia)

*Ecnomina scindens* A Neboiss, 1982

*Daternomina scissura* DI Cartwright, 2008 : AU (Male and female described originally near *Daternomina bifida* DI Cartwright and *Daternomina ikathan* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Birthday Ck below falls, Mt Spec State Forest, 18°57'S, 146°10'E, 760 m,

It tr, 17 Mar 1994, AL Sheldon; NMV, T-19639; deposited in Museum Victoria, Melbourne, Australia (Australia)

*Daternomina trulla* (A Neboiss, 1982) : AU (Male redescribed, transferred from *Ecnomina* to *Daternomina* by DI Cartwright, 2008, *Zootaxa* 1774: 16-17, f 22-24 Holotype--Male; AUSTRALIA: Western Australia, Napier Creek, 22 km NE of Albany, 29 Nov 1978, A Neboiss; NMV, T6242; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, *Zootaxa* 1774: 17) Australia)

*Ecnomina trulla* A Neboiss, 1982

*Daternomina ultra* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: Victoria, Yarra R, 2 km NE Warrandyte (about 37°43'S, 143°38'E), 13 Jan 1976, A Neboiss; NMV, T-19566; deposited in Museum Victoria, Melbourne, Australia (Australia))

*Daternomina warrook* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: New South Wales, Wilson R, NW of Wauchope, 31°14'S, 152°34'E, 30 Oct 1981, Wells and Carter; NMV, T-19584; deposited in Museum Victoria, Melbourne, Australia (Australia))

#### ***Desmona* DG Denning, 1954**

*Desmona bethula* DG Denning, 1954 : NA (United States of America)

*Desmona mono* (DG Denning, 1970) : NA (United States of America)

*Psychoglypha mono* DG Denning, 1970

#### ***Dhatrichia* ME Mosely, 1948**

*Dhatrichia anderseni* J Kjaerandsen, 2004 : AT (Male and female described originally in the *Dhatrichia divergenta* Group Holotype--Male; Tanzania: Tanga Region, West Usambara Mountains, Mazumbai, Kaputu stream, loc 10, 1420 m asl, 08-29-xi-1990, Malaise trap, Zoological Museum of Bergen's Tanzania Expedition; slide; type number 386 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway (Tanzania))

*Dhatrichia ankasaensis* J Kjaerandsen, 2004 : AT (5th instar larva, pupa, male, and female described originally in the *Dhatrichia lerabae* Group Holotype--Male; Ghana: Western Region, Ankasa Gam Production Reserve, site 4, 18-xi-1995, sweep net, NUFU project; slide; type number 378 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway (Ghana))

*Dhatrichia bipunctata* B Statzner, 1977 : AT (Male and female described originally);

Male and female redescribed in the *Dhatrichia inasa* Group by J Kjaerandsen, 2004, *Zool Scripta* 33: 164-165, f 148-151, 164-168, 185, 224, 227H Holotype--Male; Zaire: Kivu Region, Kalengo stream, 10 km west of Lake Kivo; deposited in the "ZMHB" (J Kjaerandsen, 2004, *Zool Scripta* 33: 164) Democratic Republic of the Congo)

*Dhatrichia botiensis* J Kjaerandsen, 2004 : AT (Male and female described originally in the *Dhatrichia divergenta* Group Holotype--Male; Ghana: Eastern Region, Boti Waterfalls, 04-xi-1994, NUFU project; slide; type number 385 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway (Ghana))

*Dhatrichia cinyra* A Wells & T Andersen, 1995 : AT (Male described originally);

Male redescribed, female described in the *Dhatrichia cinyra* Group by J Kjaerandsen, 2004, *Zool Scripta* 33: 158-159, f 121-124, 138-142, 181, 220, 227H Holotype--Male; Tanzania: Tanga Region, West Usambara Mountains, Mazumbai, Kaputu stream, loc 1-11, 1400-1770 m asl, 27-x-1990-12-ii-1991, Malaise traps, Zoological Museum of Bergen's Tanzania Expedition; slide; deposited in the Museum of Zoology, University of Bergen, Bergen, Norway (J Kjaerandsen, 2004, *Zool Scripta* 33: 158) Tanzania)

*Dhatrichia divergenta* A Wells & T Andersen, 1995 : AT (Male described originally);

Male redescribed and female described in the *Dhatrichia divergenta* Group by J Kjaerandsen, 2004, *Zool Scripta* 33: 173-174, f 184, 196-199, 210-214, 223, 227F Holotype--Male; Tanzania: Tanga Region, West Usambara Mountains, Mazumbai, Kaputu stream, loc 2-10, 1420-1650 m asl, 27-x-1990-12-ii-1991, Malaise traps, Zoological Museum of Bergen's Tanzania Expedition; slide; deposited in the Zoological Museum, University of Bergen, Bergen, Norway (J Kjaerandsen, 2004, *Zool Scripta* 33: 173) Tanzania)

*Dhatrichia giboni* J Kjaerandsen, 2004 : AT (Male described originally in the *Dhatrichia cinyra* Group Holotype--Male; Madagascar: Rianila River basin, Analamazaotra Nature Reserve, small brook near

Andasibe, 18°54'37"S, 48°25'14"E, 890 m asl, 15-i-1996, light trap, J-M Elouard; slide; type number 382 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Madagascar)  
*Dhatrichia hunukani* J Kjaerandsen, 2004 : AT (5th instar larva, pupa, male, and female described originally in the *Dhatrichia lerabae* Group Holotype--Male; Ghana: Volta Region, Wli, Agumatsa Waterfalls, site 5, 04-13-iii-1993, Malaise trap, NUFU project; slide; type number 379 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)  
*Dhatrichia inasa* ME Mosely, 1948 : AT (Male described originally

Male redescribed in the *Dhatrichia inasa* Group by J Kjaerandsen, 2004, *Zool Scripta* 33: 164-165, f 148-151, 164-168, 185, 224, 227K

Occurring in WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 547 Holotype--Male; Yemen: Wadi Dhahr, northwest of San'a; deposited in The Natural History Museum, London, United Kingdom (J Kjaerandsen, 2004, *Zool Scripta* 33: 165) Yemen)  
*Dhatrichia lerabae* (FM Gibon, W Guenda, & B Coulibaly, 1994) : AT (Male described originally;

Male redescribed, 3rd and 4th and 5th instar larvae, pupa, female described, transferred to *Dhatrichia* in the *Dhatrichia lerabae* Group from Burkino Faso and Ghana by J Kjaerandsen, 2004, *Zool Scripta* 33: 145-148, f 3-50, 90-95, 104-108, 176, 215, 227A Holotype--Male; Burkina Faso: Banfora region, Comoe river basin, River Leraba (J Kjaerandsen, 2004, *Zool Scripta* 33: 145) Burkina Faso)  
*Ugandatrichia lerabae* FM Gibon, W Guenda, & B Coulibaly, 1994

*Dhatrichia madagascarensis* J Kjaerandsen, 2004 : AT (Male and female described originally in the *Dhatrichia cinyra* Group Holotype--Male; Madagascar: Efaho River basin, River Ambahibe near Ezoambo Village, 24°49'10"S, 46°51'59"E, 25 m asl, 28-v-1994, light trap, F-M Gibon and F Ranaivoharindriaka; slide; type number 381 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Madagascar)

*Dhatrichia minuta* J Kjaerandsen, 2004 : AT (5th instar larva, pupa, male and female described originally in the *Dhatrichia inasa* Group Holotype--Male; Ghana: Western Region, Ankasa Game Production Reserve, site 4, 18-xi-1995, sweep net, NUFU project; slide; type number 384 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)

*Dhatrichia paraminuta* J Kjaerandsen, 2004 : AT (Male and female described originally in the *Dhatrichia inasa* Group Holotype--Male; Ghana: Volta Region, Wli, Agumatsa Waterfalls, site 1, 05-14-iii-1993, Malaise trap, NUFU project; slide; type number 383 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)

*Dhatrichia wliensis* J Kjaerandsen, 2004 : AT (3rd and 4th and 5th instar larvae, pupa, male, and female described originally in the *Dhatrichia cinyra* Group Holotype--Male; Ghana: Volta Region, Wli, Agumatsa Waterfalls, site 5(C), 06-15-iii-1993, Malaise trap, NUFU project; slide; type number 380 deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)

### ***Dibusa* HH Ross, 1939**

*Dibusa angata* HH Ross, 1939 : NA (United States of America)

### ***Dicaminus* F Mueller, 1879**

*Dicaminus ladislavii* F Mueller, 1879 : NT (Brazil)

### ***Dicosmoecus* R McLachlan, 1875**

*Dicosmoecus atripes* (HA Hagen, 1875) : NA (Spring growth in response to marine-derived nutrients and food type in southeastern Alaska reported by JL Lessard, RW Merritt, & KW Cummins, 2003, *Annales de Limnologie* 39(1): 3-14

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 United States of America)

*Platyphylax atripes* HA Hagen, 1875

Syn.: *Dicosmoecus jucundus* N Banks, 1943

Syn.: *Dicosmoecus nigrescens* N Banks, 1943

*Dicosmoecus gilvipes* (HA Hagen, 1875) : NA (Effects of recreational activity on habitat distribution,

seasonal abundance provided by KK Wright & JL Li, 1998, J N Amer Benthol Soc 17(4): 535-543

Effects of substrate composition, stream-bed stability, and sediment supply on survival and trophic role reported by MS Parker, ME Power, & JT Wootton, 2002, Internationale Vereinigung fuer Theoretische und Angewandte Limnologie Verhandlungen 28(1): 238-241

Prey of Harlequin ducks according to KK Wright, H Bruner, J Li, R Jarvis, & S Dowlan, 2000, Canadian Field-Naturalist 114(2): 187-195 United States of America)

*Stenophylax gilvipes* HA Hagen, 1875

Syn.: *Dicosmoecus grandis* G Ulmer, 1905

*Dicosmoecus jozankeanus* (S Matsumura, 1931) (larval case materials, life cycle, development, temperature by Y Nagayasu & t Ito, 1997, P Internatn Symp Trich 8: 365-372

bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 200 Japan)

*Stenophylax jozankeanus* S Matsumura, 1931

Syn.: *Kogurea ezoensis* M Kobayashi, 1962

*Dicosmoecus obscuripennis* N Banks, 1938 : NA (Alaska)

*Dicosmoecus palatus* (R McLachlan, 1872) : PA (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 226

Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 565

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (eastern Siberia))

*Stenophylax palatus* R McLachlan, 1872

*Dicosmoecus pallicornis* N Banks, 1943 : NA (United States of America)

### ***Diemeniluma* A Neboiss, 2002**

*Diemeniluma serrula* A Neboiss, 2002 : AU (Male described originally Holotype--Male; Australia: Tasmania, Hartz Mountains, Jan 1977, J Sedlacek; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Diemeniluma tasmanica* (S Jacquemart, 1965) : AU (Male redescribed and female described, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 71-72, f 22A-G Holotype--Male; Australia: Tasmania, Cradle Mountain, 12 Jan 1923, A Tonnoir; deposited in l'Institut Royal des Sciences Naturelles, de Belgique, Brussels, Belgium (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 71) Australia (Tasmania))

*Diplectrona tasmanica* S Jacquemart, 1965

### ***Diplectrona* JO Westwood, 1840**

*Diplectrona adusta* W Mey, 1990 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1204, pl 4 Philippines)

*Diplectrona afra* (ME Mosely, 1931) : AT (New combination by OS Flint, 2001, P Biol Soc Washington 114(1): 92 Uganda)

*Diplectronella afra* ME Mosely, 1931

*Diplectrona aiensis* M Kobayashi, 1987 (Japan)

*Diplectrona albofasciata* (G Ulmer, 1913) : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1204, pl 9 Taiwan)

*Hydromanicus albofasciata* G Ulmer, 1913

*Diplectrona albomarginata* G Ulmer, 1907 (Japan)

*Diplectrona angusta* N Banks, 1939 : AU (Australia)  
*Diplectrona aspersa* (G Ulmer, 1905) : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1204, pl 3 Indonesia (Java))  
*Hydromanicus aspersa* G Ulmer, 1905  
*Diplectrona atra* R McLachlan, 1878 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38)

Larva redescribed and compared with *Diplectrona felix* by J Waringer, W Graf, & H Vicentini, 2007, Aquatic Insects 29(3): 181-186 Austria)  
 Syn.: *Hydropsyche hellenica* S Jacquemart, 1957  
*Diplectrona aurovittata* (G Ulmer, 1906) : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1205, pl 1, 10)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Laos, Vietnam, Malaysia, and Indonesia (Sumatra, Java, Hulu) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Indonesia (Java))  
*Hydromanicus aurovittata* G Ulmer, 1906  
*Diplectrona bidens* G Ulmer, 1930 : OL (Philippines)  
*Diplectrona brunnea* (C Betten, 1909) : OL (India)  
*Hydromanicus brunnea* C Betten, 1909  
*Diplectrona bulla* KAJ Wise, 1958 : AU (New Zealand)  
*Diplectrona burha* F Schmid, 1961 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1205-1206, pl 14)

Reported from Vietnam, as *Diplectrona buhra*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Distributed in Thailand, India, Nepal, Vietnam, and China (Taiwan) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Pakistan)

*Diplectrona californica* N Banks, 1914 : NA (United States of America)  
 Syn.: *Diplectrona margarita* DG Denning, 1965  
*Diplectrona candidana* W Mey, 1998 : OL (Male described originally, similar to *Diplectrona luteocapitis* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 700 m, at light, 20-25-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Diplectrona castanea* DE Kimmins, 1953 : AU (Female described and male redescribed, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 70 Holotype--Male; Australia: Tasmania, National Park, 3000 ft, 26 Dec 1936; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 70) Australia (Tasmania))  
 Syn.: *Diplectrona lyelli* A Neboiss, 1977  
*Diplectrona chiapensis* OS Flint, 1967 : NT (Mexico (Chiapas))  
*Diplectrona cinctipennis* (N Banks, 1913) : OL (Philippines)  
*Hydromanicus cinctipennis* N Banks, 1913  
*Diplectrona cognata* DE Kimmins, 1953 : AU (Australia)  
*Diplectrona colorata* W Mey, 1990 : OL (Philippines)  
*Diplectrona diana* H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Sichuan, Qingyin Pavilion, Jingshui, Emei Shan, 180 km SW Chengdu, 800-1200 m, 26-27-5-1981, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Sichuan))

*Diplectrona dimagaha* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Diplectrona aurovittata-obscura-tamdaophila* Complex Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, "W" waterfall, 1500 m, 5-vii-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Diplectrona dulitensis* DE Kimmins, 1955 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1206, pl 2

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, Burma, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 18

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Malaysia (Sarawak)

*Diplectrona elongata* (N Banks, 1931) : OL (Malaysia (Sabah))

*Sciops elongata* N Banks, 1931

*Diplectrona erinya* H Malicky, 2002 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Holotype--Male; Vietnam: Tam Dao, 19-5 - 13-6-1995, leg Malicky; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Vietnam)

*Diplectrona eunomia* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Sabah, 1 km S Kundasang, 1530 m, 27-8-1983, leg Hevel & Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Malaysia (Sabah))

*Diplectrona euphrosyne* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Hulu, Perak, Belum Expedition, Sungai Enam, 850 m, 11-12-4-1994, leg Sivec; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Malaysia (Peninsular))

*Diplectrona eurydike* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Huai Nam Ru, 1400 m, 18-4-1989, leg Chantaramongkol & Malicky; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Thailand)

*Diplectrona eurykleia* H Malicky, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Dolok Merangir, 15-31-7-1976, leg Diehl; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Indonesia (Sumatra))

*Diplectrona exquisita* N Banks, 1937 : OL (Philippines)

*Diplectrona extrema* (N Banks, 1920) : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1208, pl 12

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Cotypes--Two Males; Borneo: Telang, 10-1881, leg Grabowsky; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (H Malicky, 2002, Linzer Biol Beitr 34(2): 1208) Borneo (Telang))

*Hydromanicus extrema* N Banks, 1920

Syn.: *Diplectrona clara* G Ulmer, 1930

Syn.: *Diplectrona clarella* G Ulmer, 1932

*Diplectrona fama* H Malicky, 2002 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Holotype--Male; Vietnam, Tam Dao, 800-1100 m, 19-5 - 13-6-1996, leg Malicky; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Vietnam)

*Diplectrona fansipanella* W Mey, 1998 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 20-30-xi-1995, 1600 m, light trap, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Diplectrona fasciata* (G Ulmer, 1905) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Philippines)

*Hydromanicus fasciata* G Ulmer, 1905

*Diplectrona fasciata stigmatica* N Banks, 1937 (Described originally as a variety of *Diplectrona fasciata*,

~*fasciata* (G Ulmer, 1905, Stettin ent Zeit 66: 93-94), *Hydromanicus*)

*Diplectrona fasciatella* G Ulmer, 1932 : OL (China (Guangdong))

*Diplectrona felix* R McLachlan, 1878 (Treated as the senior synonym by FCJ Fischer, 1963, Trich Cat 4: 145, also International Commission on Zoological Nomenclature Decision # XX?)

Larva compared with that of *Diplectrona atra* by J Waringer, W Graf, & H Vicentini, 2007, Aquatic Insects 29(3): 181-186

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain, France, Guernsey)

Syn.: *Aphelocheira flavomaculata* JF Stephens, 1836

*Diplectrona fissilinea* W Mey, 1999 : OL (Male and female described originally Holotype--Male; Indonesia: Talaud Island, Pulau, Karakelong, Oestlich Beo, 120 m, light trap, 15-iii-1997, S Naumann; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Talaud Island))

*Diplectrona flavospilota* W Mey, 1998 : OL (Male described originally near *Diplectrona burha* F Schmid, 1961

Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1208, pl 15

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 25-30-iii-1995, 1600 m, light trap, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Diplectrona fulvofusca* DE Kimmins, 1955 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1209, pl 4 Holotype--Male; Malaysia: Sarawak, Mt Dulit, 4000 ft, 18-10-1932, Oxford Univ Exp 1933-254 (BMNH(E) #251715); deposited in The Natural History Museum, London, United Kingdom (H Malicky, 2002, Linzer Biol Beitr 34(2): 1209) Malaysia (Sarawak))

*Diplectrona furcata* C Hwang, 1958 : OL (China (Fujian))

Syn.: *Diplectra bilobata* C Hwang, 1958

*Diplectrona furia* H Malicky, 2002 : OL (Male described originally Holotype--Male; Myanmar, Kambaiti, 7000 ft, 11-5-1934, leg Malaise, NRS; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Myanmar)

*Diplectrona gombak* J Olah, 1993 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1209, pl 2

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Malaysia (Peninsular))

*Diplectrona harpyia* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Doi Inthanon, 2300 m, 10-4-1989, leg Malicky & Chantaramongkol; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Thailand)

*Diplectrona hermione* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera

12: 257-262

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; Thailand: Doi Inthanon, Huai Sai Lueang, 1200 m, 7-2-1997, leg Malicky; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Thailand)

*Diplectrona hilareia* H Malicky, 2002 : OL (Male described originally Holotype--Male; India: Kerala, Kallar-Tal 15 km SW Munnar, 1250 m, 1-9-5-1997, leg Dembicky & Pacholatko; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria India)

*Diplectrona hystriosa* A Neboiss, 1978 : AU (Australia)

*Diplectrona indica* (ME Mosely, 1931) : OL (New combination by OS Flint, 2001, P Biol Soc Washington 114(1): 92

Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1210-1211, pl 13 Holotype--Male; India: Belgaum, Watson coll, Sept (18)96; deposited in The Natural History Museum, London, United Kingdom (H Malicky, 2002, Linzer Biol Beitr 34(2): 1211) India)

*Diplectronella indica* ME Mosely, 1931

*Diplectrona inermis* (N Banks, 1939) : AU (Australia)

*Sciops inermis* N Banks, 1939

*Diplectrona ingens* OS Flint, 2001 : OL (Sri Lanka)

*Diplectrona ismene* H Malicky, 2002 : OL (Male described originally Holotype--Male; India: Nilgiri Hills, Naduvatan, 600', May 1958, leg P Susai Nathan; deposited in the United States National Museum, Smithsonian Institution, Washington, District of Columbia, United States of America India)

*Diplectrona jacobsoni* G Ulmer, 1909 : OL (Male redescribed by H Malicky, 1998, Linzer Biol Beitr 30(2): 802, pl 7

New combination (from *Diplectronella*) by OS Flint, 2001, P Biol Soc Washington 114(1): 92

Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1211, pl 6

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Diplectrona japonica* (N Banks, 1906) (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)

*Arctopsyche japonica* N Banks, 1906

*Diplectrona joannisi* L Navas, 1932 : OL (Male redescribed by W Mey, 1998, Opusc Zool Fluminensia 165: 15, f 48-50

Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1211, pl 6

Distributed in Thailand, Malaysia, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Lectotype--Male; Tonkin [= Vietnam]: Cha pa [= Sa Pa], Getelot; deposited in the Musee Nationale d'Histoire Naturelle, Paris, France; designated by W Mey, 1998, Opusc Zool Fluminensia 165: 15 Vietnam)

*Diplectrona juliarum* VN Grigorenko et VD Ivanov, 1991 (Russia (Caucasus))

*Diplectrona kallirrhoe* H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang, Long Wang Shan, 3-6-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Diplectrona kallisto* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Sabah, Kinabalu NP, Headquarters, 1560 m, 9-18-4-1999, leg Sivec; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Malaysia (Sabah))

*Diplectrona kelaino* H Malicky, 2002 : OL (Male described originally

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; Philippines: Palawan, Mantalingajan, Pinigisan, 600 m, 10-9-1961, Noona Dan Expedition; deposited in der Zoologisches Museum Kopenhagen, Sweden Philippines (Palawan))



*Diplectrona keto* H Malicky, 2002 : OL (Male described originally Holotype--Male; Taiwan: Taichung Co, Kukuan, 970 m, 23-3-1996, leg Sivec & Horvat; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria Taiwan)

*Diplectrona kibuneana* M Tsuda, 1940 (Japan)

*Diplectrona kimalaksa* (F Schmid, 1961) : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1213, pl 13)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Diplectronella kimalaksa* F Schmid, 1961

*Diplectrona klytie* H Malicky, 2002 : OL (Male described originally Holotype--Male; Philippines: Luzon, Mt Makiling, Baker; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Philippines (Luzon))

*Diplectrona komaitho* H Malicky, 2002 : OL (Male described originally)

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; Philippines: Palawan, Mantalingajan, Tagembung, 1150 m, 19-9-1961, Noona Dan Exp; deposited in der Zoologisches Museum Kopenhagen, Sweden Philippines (Palawan))

*Diplectrona lampetia* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Sabah, 1 km S Kundasang, 1530 m, 26-8-1983, leg Hevel & Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Malaysia (Sabah))

*Diplectrona lavinia* H Malicky, 2002 : OL (Male described originally Holotype--Male; Indonesia: Kalimantan, Malinan, 15-6-2000, leg Pascale Derleth; deposited in le Musee Zoologique de Lausanne Indonesia (Kalimantan))

*Diplectrona lieftincki* G Ulmer, 1951 : OL (Indonesia (Java))

*Diplectrona likiangana* F Schmid, 1959 : OL (China (Yunnan))

*Diplectrona longistyla* OS Flint, 2001 : OL (Sri Lanka)

*Diplectrona luteocapitis* W Mey, 1990 : OL (Philippines)

*Diplectrona maculata* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Diplectrona mafulua* DE Kimmins, 1962 : AU (Papua)

*Diplectrona magna* ME Mosely, 1930 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Diplectrona malickyi* OS Flint, 2001 : OL (Sri Lanka)

*Diplectrona maligna* (HA Hagen, 1859) : OL (Lectotype male genitalia redescribed by OS Flint, 2001, P Biol Soc Washington 114(1): 7-12, 36 Sri Lanka)

*Hydropsyche maligna* HA Hagen, 1859

Syn.: *Diplectrona kirimaduhela* F Schmid, 1958

*Diplectrona marginata* (C Betten, 1909) : OL (Species identification problems discussed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1214 India)

*Hydromanicus marginata* C Betten, 1909

*Diplectrona marianae* WK Reeves, 1999 : NA (United States of America)

*Diplectrona medialis* G Marlier, 1961 : AT (new combination by OS Flint, 2001, P Biol Soc Washington 114(1): 92 Ruanda-Urundi)

*Diplectrona melli* G Ulmer, 1932 : OL (China (Yunnan))

*Diplectrona meridionalis* (HA Hagen, 1864) (Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Aphelocheira meridionalis* HA Hagen, 1864

*Diplectrona metaqui* HH Ross, 1970 : NA (United States of America)

*Diplectrona modesta* N Banks, 1908 : NA (Parasitism by nematode Pheromermis by DP Molloy, WS Vinikour, & RV Anderson, 1999, J Invert Pathol 74(1): 89-95)

Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 United States of America)

*Diplectrona moorei* (ME Mosely, 1951) : OL (Transferred from Diplex by H Malicky, 2002, Linzer Biol Beitr 34(2): 1214 Holotype--Male; Malaysia: Sarawak, Mt Dulit, 4000 ft, 24-10-1932, Oxford Univ Exp 1933-254, leg Hobby & Moore; deposited in The Natural History Museum, London, United Kingdom Malaysia (Sarawak))

*Diplex moorei* ME Mosely, 1951  
*Diplectrona moralesi* F Schmid, 1952 (Spain)  
*Diplectrona obal* H Malicky & SI Melnitsky, 2010 : OL (Male described originally near *Diplectrona unicolor* R McLachlan and *Diplectrona octomaculata* R McLachlan and *Diplectrona arovittata* G Ulmer Holotype--Male; INDONESIA: Sulawesi, 5 km W Mamasa, 15-27-viii-2009, leg N Kluge; deposited in the Zoological Institute St Petersburg, Russia Indonesia (Sulawesi))  
*Diplectrona obscura* G Ulmer, 1930 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 802, pl 8

Possibly a synonym of *Diplectrona arovittata* G Ulmer, 1906, according to H Malicky, 2002, Linzer Biol Beitr 34(2): 1205

DNA sequenced and presumed larva described by X Zhou, 2009, Zootaxa 2147: 1-5, 13-16; f 1a-b, 4a-k, tab 1, 4 Indonesia (Sumatra)

*Diplectrona octomaculata* (R McLachlan, 1866) : OL (Male redescribed and species transferred from *Sciops* to *Diplectrona* by H Malicky, 2002, Linzer Biol Beitr 34(2): 1215, pl 1, 17 Holotype--Male; Borneo, leg Wallace; deposited in The Natural History Museum, London, United Kingdom (H Malicky, 2002, Linzer Biol Beitr 34(2): 1215) Borneo (?))

*Sciops octomaculata* R McLachlan, 1866

*Diplectrona oculata* (N Banks, 1931) : OL (Malaysia (Sabah))

*Sciops oculata* N Banks, 1931

*Diplectrona orientalis* (C Betten, 1909) : OL (India)

*Hydromanicus orientalis* C Betten, 1909

*Diplectrona pacholatko* H Malicky, 2009 : OL (Male described originally Holotype--Male; LAOS: Kham Mouan Prov, Ban Khoun Ngeun, 200 m, 18°07'N, 104°29'E, 24-29-iv--2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Diplectrona pallida* (N Banks, 1931) : OL (Malaysia (Sabah))

*Sciops pallida* N Banks, 1931

*Diplectrona papilionacea* (HA Hagen, 1859) : OL (lectotype male genitalia redescribed by OS Flint, 2001, P Biol Soc Washington 114(1): 92-93, f 1-6, 36 Sri Lanka)

*Hydropsyche papilionacea* HA Hagen, 1859

*Diplectrona pseudofasciata* G Ulmer, 1909 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1215, pl 1, 5

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 20 Indonesia (Sumatra)

*Diplectrona ripollensis* W Tobias, 1972 (Spain)

*Diplectrona robusta* AV Martynov, 1934 (Russia (Caucasus))

*Diplectrona rossi* JC Morse, 1990 : NA (Preoccupied by DE Kimmins, 1953 United States of America)

*Diplectrona rossi* DE Kimmins, 1953 : AU (Australia)

*Diplectrona rubiginosa* (G Ulmer, 1951) : OL (Species transferred from *Sciops* to *Diplectrona* by synonymy of the former genus with the latter by H Malicky, 2002, Linzer Biol Beitr 34(2): 1217 Indonesia (Sulawesi))

*Sciops rubiginosa* G Ulmer, 1951

*Diplectrona sabtecha* H Malicky & W Mey, 2011 : OL (Male described originally Holotype--Male; Indonesia: Kalimantan, Tewah, Tumbang Korik, 28-i-1996, leg Kallies; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Kalimantan))

*Diplectrona salai* L Navas, 1932 : OL (India)

*Diplectrona salakensis* G Ulmer, 1951 : OL ([male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 802, pl 9] Indonesia (Java))

*Diplectrona sanguana* DE Kimmins, 1964 : OL (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1215-1216, pl 11

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Diplectrona satana* ME Mosely, 1953 : AU (Australia)

*Diplectrona scabrosa* N Banks, 1937 : OL (Philippines)

*Diplectrone sinuata* (G Marlier, 1943) : AT (New combination by OS Flint, 2001, P Biol Soc Washington 114(1): 92 Democratic Republic of the Congo)  
*Sciadorus sinuata* G Marlier, 1943  
*Diplectrone solitaria* J Bueno-Soria, 1986 : NT (Mexico (Oaxaca))  
*Diplectrone spinata* (N Banks, 1939) : AU (Australia)  
*Sciops spinata* N Banks, 1939  
Syn.: *Diplectrone bourina* ME Mosely, 1953  
*Diplectrone subtriangulata* K Kumanski, 1979 : AU (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1216, pl 1, 7 Papua New Guinea)  
*Diplectrone suenisoni* G Ulmer, 1932 : OL (China (Yunnan))  
*Diplectrone tamdaophila* W Mey, 1998 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 23-iii-1995, 900 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)  
*Diplectrone taprobanes* (HA Hagen, 1858) : OL (Lectotype male genitalia redescribed and new combination (transferred from *Diplectronella*) by OS Flint, 2001, P Biol Soc Washington 114(1): 92, 97-98, f 24-29, 38 Sri Lanka)

*Hydropsyche taprobanes* HA Hagen, 1858  
*Diplectrone tenebricosa* (G Ulmer, 1907) : OL (China (Sichuan))  
*Hydromanicus tenebricosa* G Ulmer, 1907  
*Diplectrone tiguna* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Diplectrone aurovittata-obscura-tamdaophila* Complex Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, "W" waterfall, 1500 m, 5-vii-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))  
*Diplectrone tohokuensis* M Kobayashi, 1973 (Japan)  
*Diplectrone triangulata* JL Sykora, 1967 : AU (Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1216, pl 7 New Guinea)  
*Diplectrone tricolor* N Banks, 1937 : OL (Philippines)  
*Diplectrone trifasciata* (N Banks, 1924) : OL (Philippines)  
*Hydromanicus trifasciata* N Banks, 1924  
*Diplectrone ungaranica* G Ulmer, 1951 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 802, pl 8)

Male redescribed by H Malicky, 2002, Linzer Biol Beitr 34(2): 1216, pl 16

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java)  
*Diplectrone unicolor* (R McLachlan, 1866) : OL (Male redescribed and species transferred from *Sciops* to *Diplectrone* by H Malicky, 2002, Linzer Biol Beitr 34(23): 216-217, pl 1 Indonesia (Sulawesi))  
*Sciops unicolor* R McLachlan, 1866  
*Diplectrone vairya* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Diplectrone yazata* F Schmid, 1959 (A synonym of *Diplectrone atra* R McLachlan, 1878, according to L Botosaneanu, 1960, Deutsche Entomol Zeitschr 7(4/5): ?)

A distinct species according to H Malicky, 2005, Linzer biol Beitr 37(1): 556 Turkey)  
*Diplectrone zealandensis* ME Mosely, 1953 : AU (Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 New Zealand)

### ***Dipseudopsis* F Walker, 1852**

*Dipseudopsis adiaturix* JS Weaver and H Malicky, 1994 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Dipseudopsis africana* G Ulmer, 1905 : AT (Gabon)  
*Dipseudopsis angusta* G Ulmer, 1911 : AT (Madagascar)  
*Dipseudopsis angustipennis* L Navas, 1930 : AT (Democratic Republic of the Congo)

*Dipseudopsis benardi* L Navas, 1930 : OL (Reported from Vietnam, as *Dipseudopsis benardi*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30

New locality in Vietnam reported by J Olah & KA Johanson, 2010, Zootaxa 2658: 4 Vietnam)

Syn.: *Dipseudopsis arculata* L Navas, 1931

Syn.: *Dipseudopsis langana* L Navas, 1930

Syn.: *Dipseudopsis ulmeri* F Schmid & DG Denning, 1979

*Dipseudopsis bicolorata* AV Martynov, 1935 : OL (India)

*Dipseudopsis bidens* G Ulmer, 1912 : AT ("East Africa")

*Dipseudopsis burgeoni* L Navas, 1930 : AT (Sudan)

*Dipseudopsis capensis* F Walker, 1852 : AT (Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

Syn.: *Dipseudopsis centralis* HJ Kolbe, 1897

Syn.: *Dipseudopsis fasciata* F Brauer, 1875

Syn.: *Esperona nilotica* L Navas, 1915

*Dipseudopsis capensis calcarata* JA Lestage, 1922 ( ~capensis F Walker, 1852, Cat Br Mus Neur 1: 91;

as *Dipseudopsis capensis* forma *calcarata*)

*Dipseudopsis cocon* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis collaris* R McLachlan and *Dipseudopsis robustior* G Ulmer Holotype--Male; VIETNAM: Hanoi, West Lake, 28-x-1986, at light [J Olah]; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Sofia, Hungary Vietnam)

*Dipseudopsis colini* (L Navas, 1932) : AT (Democratic Republic of the Congo)

*Macronema colini* L Navas, 1932

*Dipseudopsis collaris* R McLachlan, 1863 : OL (Larva described as *Dipseudopsis stellata* by I Akagi, 1953, Biol J Nara Womens Univ 3: 66-67 and by I Akagi, 1953, Collecting and Rearing (Saishuto Shikkul) 15(9): 271-272, f 1-10 China (Hong Kong))

Syn.: *Bathytinodes alba* M Iwata, 1927

Syn.: *Dipseudopsis bakeri* N Banks, 1916

Syn.: *Dipseudopsis discors* L Navas, 1924

Syn.: *Dipseudopsis morosa* N Banks, 1924

Syn.: *Dipseudopsis stellata* R McLachlan, 1875

*Dipseudopsis conformis* L Navas, 1931 : AT (Chad)

*Dipseudopsis contorta* N Banks, 1931 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Dipseudopsis cubitalis* L Navas, 1934 : AT (Madagascar)

*Dipseudopsis curvata* N Banks, 1920 : AT (Madagascar)

*Dipseudopsis diehli* H Malicky and JS Weaver, 1988 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Dipseudopsis digitata* G Ulmer, 1907 : OL (Listed from the Philippines (Palawan, Balabac and Busuanga and Culion) and Indonesia (Borneo, Sabah, Banguay) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 89 Malaysia (Sabah))

*Dipseudopsis diodon* L Navas, 1934 : AT (French Guinea)

*Dipseudopsis discalis* L Navas, 1934 : AT (Madagascar)

*Dipseudopsis doehleri* G Ulmer, 1929 : AT, OL (India)

*Dipseudopsis elongata* N Banks, 1920 : OL (Malaysia (Sabah))

*Dipseudopsis flavisignata* (R McLachlan, 1866) : OL (Indonesia (Sulawesi))

*Nesopsyche flavisignata* R McLachlan, 1866

*Dipseudopsis flinti* JS Weaver and H Malicky, 1994 : OL (Malaysia (Peninsular))

*Dipseudopsis furcata* G Ulmer, 1905 : AT (Madagascar)

*Dipseudopsis gabiana* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis diehli* H Malicky & JS Weaver Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Dipseudopsis grammoptera* L Navas, 1934 : AT (Madagascar)

*Dipseudopsis gunung* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis contorta* N Banks and *Dipseudopsis triclavata* AV Martynov. Holotype--Male; MALAYSIA: Sarawak, Gunung Mulu National Park, v-1977 [JD Holloway, RGS Exp]; deposited in The Natural History Museum, London, United Kingdom Malaysia (Sarawak))

*Dipseudopsis hulstaerti* L Navas, 1933 : AT (Democratic Republic of the Congo)

*Dipseudopsis immaculata* G Ulmer, 1905 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Sabah))

Syn.: *Dipseudopsis moesta* N Banks, 1931

*Dipseudopsis indica* R McLachlan, 1875 : OL (Reported from additional localities in India by J Olah & KA Johanson, 2010, Zootaxa 2658: 10 India)

Syn.: *Dipseudopsis buddha* N Banks, 1913

Syn.: *Dipseudopsis indica sindica* AV Martynov, 1935

*Dipseudopsis infuscata* R McLachlan, 1875 : AU, OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sulawesi))

*Dipseudopsis itremensis* HH Ross and JM Kingsolver, 1959 : AT (Madagascar)

*Dipseudopsis knappi* F Schmid and DG Denning, 1979 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)

*Dipseudopsis lamellata* AV Martynov, 1935 : OL (Reported from additional localities in India by J Olah & KA Johanson, 2010, Zootaxa 2658: 10 syntypes from Myanmar and India (Assam))

*Dipseudopsis lata* G Ulmer, 1911 : AT (Democratic Republic of the Congo)

*Dipseudopsis limbarenica* G Ulmer, 1931 : AT (Democratic Republic of the Congo)

*Dipseudopsis longispina* ME Mosely, 1936 : AT (Madagascar)

*Dipseudopsis lucasi* JS Weaver and H Malicky, 1994 : OL (India)

*Dipseudopsis maculata* G Ulmer, 1907 : OL (Malaysia (Sabah))

*Dipseudopsis malaisei* JS Weaver and H Malicky, 1994 : OL (Myanmar)

*Dipseudopsis marlieri* S Jacquemart, 1967 : AT (Democratic Republic of the Congo)

*Dipseudopsis martynovi* JS Weaver and H Malicky, 1994 : OL (Listed from the Philippines (Mindanao, Tawi Tawi and Sulu, Sulu) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Palawan))

*Dipseudopsis mitrata* HH Ross and JM Kingsolver, 1959 : AT (Madagascar)

*Dipseudopsis modesta* N Banks, 1911 : AT, OL (Reported from additional localities in India by J Olah & KA Johanson, 2010, Zootaxa 2658: 11 India)

Syn.: *Dipseudopsis pallida* AV Martynov, 1935

*Dipseudopsis morafenobena* G Ulmer, 1931 : AT (Madagascar)

*Dipseudopsis morosa* N Banks, 1924 : OL (Philippines)

*Dipseudopsis nebulosa* H Albarda, 1881 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Reported from additional localities in Malaysia (Sarawak) by J Olah & KA Johanson, 2010, Zootaxa 2658: 11 Indonesia (Sumatra))

*Dipseudopsis nervosa* F Brauer, 1868 : OL (Reported from The Philippines (Leyte, Luzon, Mindanao, Mindoro, Negros, Panay, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12, 15 Philippines)

Syn.: *Dipseudopsis luctuosa* N Banks, 1913

Syn.: *Dipseudopsis venosa* L Navas, 1931

*Dipseudopsis nervosella* G Ulmer, 1951 : OL (as *Dipseudopsis morosa* variety *nervosella*;

(as species, JS Weaver & H Malicky, 1994, Tijdschr Ent 137: 128) Borneo (Talang ?))

*Dipseudopsis nieuwenhuisi* G Ulmer, 1909 : OL (Borneo (Sarawak))

*Dipseudopsis njalana* G Ulmer, 1931 : AT (Sierra Leone)

*Dipseudopsis noricis* ME Mosely, 1936 : AT (Gold Coast)

*Dipseudopsis nossina* L Navas, 1933 : AT (Madagascar)

*Dipseudopsis notata* (JC Fabricius, 1781) : OL ("boreal America" (but locality doubtful according to R McLachlan 1864 Trans ent Soc London 1(9): 3-4, should be India or Sri Lanka according to JS Weaver & H Malicky 1994 Tijdschr Ent 137: 131))

*Phryganea notata* JC Fabricius, 1781

Syn.: *Dipseudopsis horni* G Ulmer, 1915

*Dipseudopsis oliveri* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis doehleri* G Ulmer Holotype--Male; VIETNAM: Quangtri Province, Da Krong Nature Preserve, headquarters, 17-v-2007, at light [G Csorba]; deposited in the J Olah Personal Collection, to be

transferred for permanent retention to the Hungarian Natural History Museum, Sofia, Hungary  
Vietnam)

*Dipseudopsis olsoufieffi* L Navas, 1935 : AT (Madagascar)

*Dipseudopsis overlaeti* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Dipseudopsis pauliani* HH Ross and JM Kingsolver, 1959 : AT (Madagascar)

*Dipseudopsis rathnotoia* J Olah & KA Johanson, 2010 : OL (Male described originally near

*Dipseudopsis varians* G Ulmer Holotype--Male; MALAYSIA [Peninsular]: Perak, Halong stream, ix-x-1993, at light [GS Robinson]; deposited in The Natural History Museum, London, United Kingdom  
Malaysia (Peninsular))

*Dipseudopsis recta* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna  
Zeitschrift fuer Entomologie 27(20): 241-264

Reported from additional localities in India by J Olah & KA Johanson, 2010, Zootaxa 2658: 13 India)

Syn.: *Dipseudopsis bombayana* AV Martynov, 1935

*Dipseudopsis robustior* G Ulmer, 1929 : OL (Male and female of *Dipseudopsis robustior robustior* re-illustrated, reported from Cambodia, Myanmar, Thailand, Malaysia (Peninsular), and Vietnam by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 25, f 1

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on  
Trichoptera 12: 175-179

Reported from Vietnam, as *Dipseudopsis robustior robustior*, by BJ Armitage, W Mey, TI Arefina, &  
PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30

Reported from additional localities in Malaysia (Peninsular) by J Olah & KA Johanson, 2010, Zootaxa  
2658: 13 Malaysia (Peninsular))

Syn.: *Dipseudopsis akhila* F Schmid and DG Denning, 1979

Syn.: *Dipseudopsis junki* G Marlier, 1979

Syn.: *Dipseudopsis thailandica* F Schmid and DG Denning, 1979

*Dipseudopsis robustior andamanensis* JS Weaver and H Malicky, 1994 (~*robustior* G Ulmer, 1929, D  
ent Z p 185-186, f 22)

*Dipseudopsis schmidi* JS Weaver and H Malicky, 1994 : OL (India)

*Dipseudopsis schoutedeni* JA Lestage, 1919 : AT (Democratic Republic of the Congo)

*Dipseudopsis scissa* G Ulmer, 1905 : AT (Congo)

*Dipseudopsis serrata* HH Ross and JM Kingsolver, 1959 : AT (Madagascar)

*Dipseudopsis seyrigi* L Navas, 1934 : AT (Madagascar)

*Dipseudopsis sicumbana* G Ulmer, 1931 : AT (Distributed in subtropical and tropical South Africa  
according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-  
218 Mocambique)

*Dipseudopsis simplex* G Ulmer, 1906 : AT (Widely distributed in South Africa according to FC de  
Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of  
South Africa)

*Dipseudopsis spectabilis* N Banks, 1931 : OL (Species cited from Indonesia (Kalimantan), female  
described by H Malicky, 2008, Linzer Biologische Beitrage 40(1): 845, pl 18 Malaysia (Sabah))

*Dipseudopsis spinigera* G Ulmer, 1909 : AT (Madagascar)

*Dipseudopsis spinulosa* L Navas, 1935 : AT (Madagascar)

*Dipseudopsis stabatensis* H Malicky and JS Weaver, 1988 : OL (Listed from Indonesia (Sumatra) by H  
Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia  
(Sumatra))

*Dipseudopsis subfurcata* G Marlier, 1953 : AT (Democratic Republic of the Congo)

*Dipseudopsis tonkinensis* L Navas, 1921 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI  
Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30  
Vietnam)

*Dipseudopsis triclavata* AV Martynov, 1935 : OL (Reported from additional localities in India by J  
Olah & KA Johanson, 2010, Zootaxa 2658: 13 India)

*Dipseudopsis unguicularis* G Ulmer, 1905 : AT (Madagascar)

*Dipseudopsis varians* G Ulmer, 1929 : OL (Reported from Vietnam by J Olah & KA Johanson, 2010,  
Zootaxa 2658: 13 Malaysia (Peninsular))

Syn.: *Dipseudopsis petersorum* F Schmid & DG Denning, 1979

*Dipseudopsis vienha* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis*

varians G Ulmer Holotype--Male; VIETNAM: Nam Bae Cat Tien National Park, 09-ii-2006, at light [J Olah Jr & Z Ecsedi]; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Sofia, Hungary Vietnam)

*Dipseudopsis viklundi* J Olah & KA Johanson, 2010 : OL (Male described originally near *Dipseudopsis benardi* L Navas Holotype--Male; LAOS: Luang Phrabang Province, Nam Khan River, 500 m upstr Mekong River, 293 m, UTM 48Q0200517, 2202237, 27-iv-2005, at light trap, loc 14 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Dipseudopsis violacea* HH Ross and JM Kingsolver, 1959 : AT (Madagascar)

*Dipseudopsis voluta* G Ulmer, 1906 : OL (Indonesia (Sulawesi))

*Dipseudopsis wittei* L Navas, 1930 : AT (Democratic Republic of the Congo)

### ***Dolichocentrus* AV Martynov, 1935**

*Dolichocentrus tenuis* AV Martynov, 1935 (Russia (southeastern Siberia))

### ***Dolomyia* F Schmid, 1991**

*Dolomyia kalmasa* F Schmid, 1991 : OL (India)

### ***Dolophilodes* G Ulmer, 1909**

#### **subgenus *Dolophilodes* G Ulmer, 1909**

*Dolophilodes (Dolophilodes) adnamat* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Thailand and Vietnam by J Olah & H Malicky 2010, Braueria 37: 15 Thailand)

*Dolophilodes (Dolophilodes) aequalis* (N Banks, 1924) : NA (United States of America)

*Philopotamus aequalis* N Banks, 1924

*Dolophilodes (Dolophilodes) affinis* IM Levanidova & TI Arefina, 1996 (Russia (Primorye Region))

*Dolophilodes (Dolophilodes) andora* DG Denning, 1989 : NA (United States of America)

*Dolophilodes (Dolophilodes) angustata* N Kuhara, 2005 (Male and female described originally, as *Dolophilodes angustus*, near *Dolophilodes shinboensis* (M Kobayashi) Holotype--Male; JAPAN: Honshu, Nara, Kamikitayama-mura, brooklet beside Kotochi-gawa Riv, 34.18\*N, 136.03\*E, 28-v-1993, N Kuhara; pinned; deposited in the collections of Systematic Entomology, Hokkaido University, Japan Japan)

*Dolophilodes (Dolophilodes) auriculata* AV Martynov, 1933 (Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 98-100, f 6, 11E Japan)

*Dolophilodes (Dolophilodes) aurita* DE Kimmins, 1955 : OL (Myanmar)

*Dolophilodes (Dolophilodes) babai* (M Kobayashi, 1980) (Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 101-102, f 8, 11G Holotype--Male; JAPAN: Honshu, Niigata Pref, Kurokawa-mura, Kitakandara-gun [misspelling of Kitakanbara-gun]; specimen number of Kobayashi, 5934; deposited in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, Entomological Science 8: 102) Japan)

*Sortosa babai* M Kobayashi, 1980

*Dolophilodes (Dolophilodes) bellatula* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanmuping, 780 m, 26-VII-1999, light trap, collected by WU Hong; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Dolophilodes (Dolophilodes) bicolor* DE Kimmins, 1955 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Myanmar)

*Dolophilodes (Dolophilodes) bidens* DE Kimmins, 1955 : OL (Myanmar)

*Dolophilodes (Dolophilodes) bilobata* F Schmid, 1965 : OL (China (Yunnan))

*Dolophilodes (Dolophilodes) bullu* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Dolophilodes (Dolophilodes) burmana* DE Kimmins, 1955 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28)

Reported from Myanmar and another location in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 15 Myanmar)

*Dolophilodes (Dolophilodes) caligula* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Xianren Peak, 800 m, 15-IX-1998,

Malaise trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Dolophilodes (Dolophilodes) cercata* L Navas, 1936 : OL (China (Sichuan))

*Dolophilodes (Dolophilodes) columbia* DG Denning, 1989 : NA (United States of America)

*Dolophilodes (Dolophilodes) commata* (M Kobayashi, 1980) (Male and female redescribed by N Kuhara, 2005, Entomological Science 8: 104, f 10, 11I Japan)

*Sortosa commata* M Kobayashi, 1980

Syn.: *Dolophilodes kaishoensis* M Kobayashi, 1985

*Dolophilodes (Dolophilodes) dharmamittra* F Schmid, 1960 : OL (Reported from Nepal as

*Dolophilodes dharmakala* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Dolophilodes (Dolophilodes) dharmaraksa* F Schmid, 1960 : OL (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Dolophilodes (Dolophilodes) didactylos* C Sun & L Yang, 2001 : OL (Male re-illustrated, near *Dolophilodes ornata* G Ulmer, 1909, according to H Malicky, 2007, Linzer biol Beitr 39(1): 492, 495, pl 3 China (XXX))

*Dolophilodes (Dolophilodes) dilatata* N Kuhara, 2005 (Male and female described originally, as *Dolophilodes dilatatus*, near *Dolophilodes japonica* (N Banks), *Dolophilodes shinboensis* (M Kobayashi), and *Dolophilodes angustata* (N Kuhara) Holotype--Male; JAPAN: Honshu, Nagano, Narakawa-mura, Kayagadaira, el 1380 m, small stream, 35.88\*, 137.84\*E, 1-vi-1993, N Kuhara; pinned; deposited in the collections of Systematic Entomology, Hokkaido University, Japan Japan)

*Dolophilodes (Dolophilodes) distincta* (F Walker, 1852) : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 United States of America)

*Philopotamus distincta* F Walker, 1852

Syn.: *Philopotamus americanus* N Banks, 1895

*Dolophilodes (Dolophilodes) dorca* (HH Ross, 1938) : NA (United States of America)

*Philopotamus dorca* HH Ross, 1938

Syn.: *Philopotamus oregonensis* S Ling, 1938

*Dolophilodes (Dolophilodes) elongata* DE Kimmins, 1955 : OL (Myanmar)

*Dolophilodes (Dolophilodes) erysichthon* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Gutianshan, 450 m, 26821'n, 119\*26'E, 9-VI-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Dolophilodes (Dolophilodes) eryx* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Long Wang Shan, 560 m, 30\*28'N, 119\*22'E, 3-VI-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Dolophilodes (Dolophilodes) flaviventris* DE Kimmins, 1955 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Myanmar)

*Dolophilodes (Dolophilodes) henanensis* C Sun, 1997 (China (Henan))

*Dolophilodes (Dolophilodes) huangi* L Tian & C Sun, 1993 : OL (China (Yunnan))

*Dolophilodes (Dolophilodes) indica* AV Martynov, 1935 : OL (India)

*Dolophilodes (Dolophilodes) iroensis* (M Kobayashi, 1980) (Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 102-104, f 9, 11H Japan)

*Sortosa iroensis* M Kobayashi, 1980

Syn.: *Dolophilodes kunashirensis* VD Ivanov, 1996

*Dolophilodes (Dolophilodes) japonica* (N Banks, 1906) (Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 92-93, f 1, 2, 11A

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)

*Philopotamus japonica* N Banks, 1906

Syn.: *Dolophilodes excisus* AV Martynov, 1933

*Dolophilodes (Dolophilodes) lagarha* H Malicky, 1995 : OL (Reported from Vietnam, as *Dolophilodes lagarha*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28



Reported from another Vietnam location by J Olah & H Malicky, 2010, Braueria 37: 15 Vietnam)  
*Dolophilodes (Dolophilodes) madhyamika* F Schmid, 1960 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Dolophilodes (Dolophilodes) mroczkowskii* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Dolophilodes (Dolophilodes) nomugiensis* (M Kobayashi, 1980) (*Doloclanes triangulata* referred to *Wormaldia* from *Doloclanes* by A Neboiss, 1999, P Internatn Symp Trich 9: 286

*Doloclanes triangulata* belonging to *Wormaldia* according to RB Kuranishi, 2003, Braueria 30: 36

Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 100-101, f 7 11F

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Holotype--Male; JAPAN: Honshu, Gifu Pref, Nomugi Pass, Takane-mura, Ohno-gun (N Kuhara, 2005, Entomological Science 8: 100) Japan)

*Sortosa nomugiensis* M Kobayashi, 1980

Syn.: *Doloclanes triangulata* M Kobayashi, 1984

*Dolophilodes (Dolophilodes) novusamericana* (S Ling, 1938) : NA (United States of America)

*Philopotamus novusamericana* S Ling, 1938

*Dolophilodes (Dolophilodes) orientalis* AV Martynov, 1934 (Russia (southeastern Siberia))

*Dolophilodes (Dolophilodes) ornata* G Ulmer, 1909 : OL, PA (Reported from Iran by A Mirmoayed & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from China (Xinjiang) as *Dolophilodes ornate* G Ulmer and as *Dolophilodes dharmakala* F Schmid by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 49 China (Korla, Sai-chin-Kette))

Syn.: *Dolophilodes dharmakala* F Schmid, 1960

Syn.: *Philopotamus sinensis* N Banks, 1940

*Dolophilodes (Dolophilodes) ornatula* DE Kimmins, 1955 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Myanmar)

*Dolophilodes (Dolophilodes) ovalis* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan (with the latitude ranging 30°18'30" - 30°24'55"E and the logitude 119°23'47" - 119°28'27"E), Sanmuping, 780 m, 8-IX-1998, light trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Dolophilodes (Dolophilodes) pallidipes* N Banks, 1936 : NA (United States of America)

Syn.: *Dolophilodes nora* AP Nimmo, 1977

*Dolophilodes (Dolophilodes) retrocurvata* CH Sun & H Malicky, 2002 (Male described originally Holotype--Male; China: Shaanxi Province, Ningshan County, 33,3N, 108,3E, Huoditang Forest Farm, Banqiao Brook, 1600 m, 5-VI-1998, collected by John C MORSE, yANG Lianfang, and SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Dolophilodes (Dolophilodes) secedens* L Yang, C Sun, & W Yang, 2001 : OL (China (Zhejiang))

*Dolophilodes (Dolophilodes) securis* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Dolophilodes (Dolophilodes) semicircularis* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan (with the latitude ranging 30°18'30" - 30°24'55"E and the logitude 119°23'47" - 119°28'27"E), Sanmuping, 780 m, 26-V-1999, light trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Dolophilodes (Dolophilodes) setosa* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Kaishanlaodian, 1090 m, 5-VI-1998, light trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection,

Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang)

*Dolophilodes (Dolophilodes) shinboensis* (M Kobayashi, 1980) (Male and female redescribed from Japan by N Kuhara, 2005, Entomological Science 8: 93-95, f 3, 11B)

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Sortosa shinboensis* M Kobayashi, 1980

*Dolophilodes (Dolophilodes) tibetana* DE Kimmins, 1955 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 Tibet)

*Dolophilodes (Dolophilodes) torrentis* DE Kimmins, 1955 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Myanmar)

*Dolophilodes (Dolophilodes) truncata* DE Kimmins, 1955 : OL (Myanmar)

*Dolophilodes (Dolophilodes) utto* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

### ***Dolopsyche* F Schmid, 1991**

*Dolopsyche kalmasita* F Schmid, 1991 : OL (India)

### ***Drepanocentron* F Schmid, 1982**

*Drepanocentron abhimanyu* F Schmid, 1982 : OL (India)

*Drepanocentron amhathan* J Olah & H Malicky, 2011 : OL (Male described originally near Drepanocentron limorum J Olah Holotype--Male; INDONESIA: Sumatra, Danau Ranau, Bukit Barisan Selatan National Park, 950 m, 30-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Drepanocentron anakpanah* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Drepanocentron birghu* F Schmid, 1982 : OL (India)

*Drepanocentron brihadratha* F Schmid, 1982 : OL (India)

*Drepanocentron brihaspati* F Schmid, 1982 : OL (India)

*Drepanocentron cayasani* W Mey, 1998 : OL (Male described originally Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Drepanocentron citrangada* F Schmid, 1982 : OL (India)

*Drepanocentron curmisagius* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Drepanocentron dacharatha* F Schmid, 1982 : OL (India)

*Drepanocentron devavrata* F Schmid, 1982 : OL (India)

*Drepanocentron druhyu* F Schmid, 1982 : OL (India)

*Drepanocentron haryachwa* F Schmid, 1982 : OL (India)

*Drepanocentron jezer* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21\*28'N, 105\*38'E, 19-v-13-vi-1995; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Drepanocentron jimna* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21\*28'N, 105\*38'E, 19-v-13-vi-1995; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Drepanocentron jiska* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21\*28'N, 105\*38'E, 19-v-13-vi-1995; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Drepanocentron job* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA: Borneo, Sabah, Kinabalu National Park, Carson Falls, 1600 m, September 1998, leg E Edwards; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Drepanocentron jubal* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prae Prov, Wiang Kosai National Park, 335 m, 17\*58'N, 099\*35'E, 13-14-iii-2002, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Drepanocentron leytensis* W Mey, 2003 : OL (Male described originally near *Drepanocentron mindanaicum* W Mey Holotype--Male; PHILIPPINES: Leyte, Mt Panasugan, daytime collecting, 13-iv-1997, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Drepanocentron limorum* J Olah, 1993 : OL (Malaysia (Peninsular))

*Drepanocentron malaya* J Olah, 1993 : OL (Malaysia (XX?))

*Drepanocentron mindanaicum* W Mey, 1998 : OL (Philippines)

*Drepanocentron mindoricum* W Mey, 1995 : OL (Philippines)

*Drepanocentron nahucha* F Schmid, 1982 : OL (India)

*Drepanocentron palawanicum* W Mey, 1998 : OL (Male described originally, resembling *Drepanocentron mindoricum* W Mey Holotype--Male; Philippines: Palawan, 20 km East of Puerto Princesa, Balsahan, small brook, 3-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Drepanocentron sarmichta* F Schmid, 1982 : OL (India)

*Drepanocentron satrajita* F Schmid, 1982 : OL (India)

*Drepanocentron satyavati* F Schmid, 1982 : OL (India)

*Drepanocentron turvasu* F Schmid, 1982 : OL (India)

*Drepanocentron ugrasena* F Schmid, 1982 : OL (India)

*Drepanocentron vercaius* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Drepanocentron vicitravirya* F Schmid, 1982 : OL (India)

*Drepanocentron yayati* F Schmid, 1982 : OL (India)

### ***Drusus* JF Stephens, 1833**

*Drusus adustus* R McLachlan, 1867 (A synonym of *Drusus destitutus* F Kolenati, 1848, according to FCJ Fischer, 1967, Trich Cat 8: 175)

Misidentified as *Drusus destitutus* auctt nec *Drusus destitutus* F Kolenati, 1848 according to H Malicky, 2007, Braueria 34: 51

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 390, f 43 Holotype--Gender unknown; Elberfeld, Cornelius; deposited in the Naturhistorischen Museum Wien, Vienna, Austria Carinthia)

*Drusus alpinus* (LR Meyer-Duer, 1875) (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791)

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389 Switzerland)

*Halesus alpinus* LR Meyer-Duer, 1875

*Drusus amanaus* W Mey & A Mueller, 1979 (Russia (Caucasus))

Syn.: *Drusus zhiltzovae* H Malicky et J Olah, 1979

*Drusus annulatus* (JF Stephens, 1837) (Larval herbivory, vegetation by G Becker, 1996, Verhandl Westdeutsch Entomol 1996: 125-128;

Case construction, larval size, and crawling rates on substratum with different roughnesses reported by G Becker, 2001, Archiv fuer Hydrobiologie 151(2): 317-334

Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Difficulty diagnosing larva from *Drusus rectus* McLachlan discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 58

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 45 Britain)

*Anabolia (Drusus) annulatus* JF Stephens, 1837

Syn.: *Anabolia (Drusus) flavipennis* JF Stephens, 1837

Syn.: *Anabolia (Drusus) testaceus* JF Stephens, 1837

Syn.: *Peltostomis sudetica* F Kolenati, 1859

*Drusus aprutiensis* GP Moretti, 1981 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22)

Larva redescribed, phylogeny and zoogeography and ecology discussed by J Waringer, W Graf, S Pauls, & F Cianficconi, 2008, *Aquatic Insects* 30(4): 269-279 Italy)

*Drusus balcanicus* K Kumanski, 1973 (Described originally as a subspecies of *Drusus discophorus* M Radovanovic, 1942)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791 Bulgaria)

*Drusus bayburtii* F Cakin, 1983 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Turkey)

*Drusus berthelemyi* F Sipahiler, 1992 (Spain)

*Drusus biguttatus* (FJ Pictet, 1834) (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791)

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 46 Switzerland)

*Phryganea biguttatus* FJ Pictet, 1834

Syn.: *Enoicyla limnophiloides* F Brauer, 1857

*Drusus biguttatus teunissenii* L Botosaneanu & J Giudicelli, 2004 (~biguttatus (FJ Pictet, 1834, *Rech Phryg* p 144, pl 11 f 5), *Phryganea*)

*Drusus bolivari* (R McLachlan, 1880) (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2005, *Aquatic Insects* 27(2): 85-93)

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797 Spain)

*Catadice bolivari* R McLachlan, 1880

*Drusus bosnicus* F Klapalek, 1899 (Bosnia)

*Drusus botosaneanui* K Kumanski, 1968 (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791 Bulgaria)

*Drusus brunneus* F Klapalek, 1898 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791 Hungary)

*Drusus bureschi* K Kumanski, 1973 (Bulgaria)

*Drusus buscatensis* L Botosaneanu, 1960 (Roumania)

*Drusus camerinus* GP Moretti, 1981 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22)

Larva redescribed, phylogeny and zoogeography and ecology discussed by J Waringer, W Graf, S Pauls, & F Cianficconi, 2008, *Aquatic Insects* 30(4): 269-279 Italy)

*Drusus cantabricus* F Schmid, 1956 (Spain)

*Drusus carpathicus* J Dziedzielewicz, 1911 (Listed from Ukraine as both *Drusus carpathicus* J Dziedzielewicz and *Potamophylax carpathicus* (J Dziedzielewicz) by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Carpathian Mountains)

*Drusus caucasicus* G Ulmer, 1907 (Russia (Northern Osetia))

*Drusus chrysotus* (P Rambur, 1842) (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791)

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 388, f 5  
France)

*Limnephila chrysotus* P Rambur, 1842

*Drusus concolor* P Kempny, 1908 (A distinct species according to H Malicky, 1988, Ent Nachr Ber  
32: 65-68 Turkey)

*Drusus croaticus* M Marinkovic-Gospodnetic, 1971 (Larva described and biology provided by M  
Kucinic, A Previsic, S Gottstein, B Hrasovec, S Stanic-Kostroman, M Pernek, & A Delic, 2008,  
Zootaxa 1783: 1-17

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 390, f 51  
Bosnia)

*Drusus demirsoyi* F Cakin, 1983 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34:  
39 Turkey)

*Drusus destitutus* (F Kolenati, 1848) (Species incertae sedis nec *Drusus destitutus* auctt

Reported from Italy (Trentino Alto Adige) by H Malicky, 2005("2004"), Gortania 26: 252

Larva differentiated from *Drusus melanchaeltes* by J Waringer, W Graf, SU Pauls, H Vicentini, & V  
Lubini, 2008, Limnologica 38: 34-42 Poland)

*Stathmophorus destitutus* F Kolenati, 1848

*Drusus discolor* (P Rambur, 1842) (Phylogeography and population structure reported by S Lehrian,  
SU Pauls, & P Haase, 2007, Entomologica Romanica 12: 77-82

Population structure compared with that of *Drusus romanicus* A Murgoci & L Botosaneanu by SU  
Pauls, K Theissinger, K Kumanski, L Ujvarosi, P Haase, 2007, Entomologica Romanica 12: 95-99

Glacial refugia discussed by SU Pauls, HT Lumbsch, & P Haase, 2008, Ferrantia 55: 80-84

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, &  
J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 388, f 19  
France)

*Limnephila discolor* P Rambur, 1842

Syn.: *Drusus bicolor* L Navas, 1918

Syn.: *Drusus tricolor*, 1952

*Drusus discophoroides* K Kumanski, 1979 (Bulgaria)

*Drusus discophorus* M Radovanovic, 1942 (Macedonia)

*Drusus discophorus pallidus* K Kumanski, 1989 (

~discophorus M Radovanovic, 1942, Zool Anz 140: 183, 184-186, 189, 190, f 1-3

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, &  
J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791)

*Drusus discophorus rhodopaeus* K Kumanski, 1989 (

~discophorus M Radovanovic, 1942, Zool Anz 140: 183, 184-186, 189, 190, f 1-3)

*Drusus erimanthos* H Malicky, 1992 (Greece)

*Drusus estrellensis* (R McLachlan, 1884) (Portugal)

*Catadice estrellensis* R McLachlan, 1884

*Drusus franzi* F Schmid, 1956 (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W  
Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 23  
Austria)

*Drusus franzressli* H Malicky, 1974 (Greece)

*Drusus fuesunae* H Malicky, 1986 (Turkey)  
*Drusus goembensis* F Sipahiler, 1991 (Turkey)  
*Drusus graecus* R McLachlan, 1876 (Greece)  
*Drusus gueneri* F Sipahiler, 1995 (Turkey)  
*Drusus hackeri* H Malicky, 1986 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Turkey)  
*Drusus imanishii* M Iwata, 1928 (possibly *Pseudostenophylax* according to VD Ivanov, 1996, in litt; generic identification doubtful, similar to *Pseudostenophylax* according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 type larvae in Center for Ecological Research, Kyoto University, according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 Japan (doubtful according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205))  
*Drusus improvisus* (R McLachlan, 1884) (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, *Proc Internatn Symp Trichoptera* 11: 91-99)

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, *Proc Internatn Symp Trichoptera* 11: 101-106

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76

Larva redescribed, phylogeny and zoogeography and ecology discussed by J Waringer, W Graf, S Pauls, & F Cianficconi, 2008, *Aquatic Insects* 30(4): 269-279

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 389, f 29 Italy)

*Monocentra improvisus* R McLachlan, 1884  
*Drusus ingridae* F Sipahiler, 1993 (Female described from Turkey by F Sipahiler, *Braueria* 33: 21, textfigs France)  
*Drusus kazanciae* F Cakin, 1983 (Turkey)  
*Drusus klapaleki* M Marinkovic-Gospodnetic, 1971 (Bosnia)  
*Drusus kronion* H Malicky, 2002 (Holotype--Male; France: Isere, Chamrousse, Forsthaus Premol, 1500 m, 45°07'N, 5° 51'E, 10-6-1986, leg G Vincon; deposited in the H Malicky Collection, Lunz am See, Austria France)  
*Drusus krusniki* H Malicky, 1981 (Crna Gora (= ?Yugoslavia- Montenegro according to VD Ivanov, 1996, personal communication))  
*Drusus macedonicus* F Schmid, 1956 (Macedonia)  
*Drusus maculosus* H Malicky et J Olah, 1979 (Georgia)  
*Drusus marinettae* F Sipahiler, 1992 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 France)  
*Drusus medianus* M Marinkovic-Gospodnetic, 1976 (Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 52 Bosnia)  
*Drusus melanchaetes* R McLachlan, 1876 (Larva described by J Waringer, W Graf, SU Pauls, H Vicentini, & V Lubini, 2008, *Limnologica* 38: 34-42)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 39, 41, 42 Switzerland, Tirol)

*Drusus mixtus* (FJ Pictet, 1834) (Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791)

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390 France)

*Phryganea mixtus* FJ Pictet, 1834

Syn.: *Phryganea sericeus* FJ Pictet, 1834  
*Drusus monticola* R McLachlan, 1876 (Considered a synonym of *Drusus nigrescens* Meyer-Duer by L Botosaneanu, 1995, Faunistische Abhandlungen Staatliches Museum fuer Tierkunde Dresden 20(6): 72)

Considered distinct species, with diagnosis of larva, male, and female provided by J Waringer, W Graf, S Pauls, & V Lubini, 2007, Annales de Limnologie-International Journal of Limnology 43(3): 161-166

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 32 (Austria, Switzerland)

*Drusus morettii* H Malicky, 2004 (Male described originally Holotype--Male; France: Moulis (Ariege)(French Pyrenees), August 1978, leg Valle; deposited in the Museo Civico di Scienze Naturali "E Caffi," Bergamo, Italy France)

*Drusus muchei* H Malicky, 1987 (Turkey)

*Drusus muchei ilgazensis* F Sipahiler, 1996 (~*muchei* H Malicky, 1987, Entomofauna 8(7): 91, figs)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39)

*Drusus muchei kazdagensis* F Sipahiler, 1996 (~*muchei* H Malicky, 1987, Entomofauna 8(7): 91, figs)

*Drusus muelleri* R McLachlan, 1868 (Reported from Italy, as *Drusus chapmani*, by E Bertuetti, O Lodovici, & M Valle, 2004, Braueria 31: 25)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 388, f 21 (Switzerland)

Syn.: *Drusus chapmani* R McLachlan, 1901

*Drusus nigrescens* LR Meyer-Duer, 1875 (Larva, male, and female described, biology discussed by J Waringer, W Graf, S Pauls, & V Lubini, 2007, Annales de Limnologie-International Journal of Limnology 43(3): 161-166)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 28 (Switzerland)

Syn.: *Drusus monticola* R McLachlan, 1876

*Drusus noricus* H Malicky, 1981 (Austria)

*Drusus osogovicus* K Kumanski, 1980 (Bulgaria)

*Drusus plicatus* M Radovanovic, 1942 (Macedonia)

*Drusus popovi* K Kumanski, 1980 (Bulgaria)

*Drusus radovanovici* M Marinkovic-Gospodnetic, 1971 (Bosnia)

*Drusus radovanovici septentrionis* M Marinkovic-Gospodnetic, 1976 (~*radovanovici* M Marinkovic-Gospodnetic, 1971, Bull scient Cons Acad RSF Yougosl 16: 144, fig)

Larva described and biology provided by M Kucinic, A Previsic, S Gottstein, B Hrasovec, S Stanic-Kostroman, M Pernek, & A Delic, 2008, Zootaxa 1783: 1-17

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 390, f 53)

*Drusus ramae* M Marinkovic-Gospodnetic, 1971 (Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 49, 50 Bosnia)

*Drusus rectus* R McLachlan, 1868 (Difficulty diagnosing larva as *Drusus rectus* "(McLachlan, 1868)" from *Drusus annulatus* (JF Stephens) discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 58)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 120  
France, Spain)

Syn.: *Drusus nigrorectus* ME Mosely, 1935  
*Drusus rectus thibaulti* H Decamps, 1968 ( ~rectus R McLachlan, 1868, Tr ent Soc London p 295, pl 14 f 5)  
*Drusus rizeiensis* F Sipahiler, 1986 (Turkey)  
*Drusus romanicus* A Murgoci & L Botosaneanu, 1953 (Population structure compared with that of *Drusus discolor* (P Rambur) by SU Pauls, K Theissingner, K Kumanski, L Ujvarosi, P Haase, 2007, Entomologica Romanica 12: 95-99

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791 Roumania)

Syn.: *Drusus transylvanicus* F Schmid, 1956  
*Drusus romanicus meridionalis* K Kumanski, 1973 ( ~romanicus A Murgoci & L Botosaneanu, 1953, Bul Sti Ac RPR Biol 6: 967-972, 977, 978, f 1-11, 15-17, 31)  
*Drusus schmidi* L Botosaneanu, 1960 (Bosnia)  
*Drusus serbicus* M Marinkovic-Gospodnetic, 1971 (Serbia)  
*Drusus simplex* AV Martynov, 1927 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Russia (Caucasus))  
*Drusus siveci* H Malicky, 1981 (Crna Gora (= ?Yugoslavia- Montenegro according to VD Ivanov, 1996, personal communication))  
*Drusus slovenicus* G Urbanic, C Krusnik, & H Malicky, 2002 (Male described originally Holotype-- Male; Slovenia: Triglav National Park, Bohinj, Studorski preval, 1740 m, 46°18'N, 13°54'E, 19-7-1983, leg Sivec; deposited in the G Urbanic Collection, Ljubljana, Slovenia Slovenia)  
*Drusus spelaeus* (G Ulmer, 1920) (France)  
*Metanoea spelaeus* G Ulmer, 1920  
*Drusus tenellus* (F Klapalek, 1898) (Hungary)  
*Catadice tenellus* F Klapalek, 1898  
*Drusus trifidus* R McLachlan, 1868 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 26

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 390, f 47  
France)

Syn.: *Drusus bifidus* , 1952  
Syn.: *Drusus borceai* , 1960  
Syn.: *Drusus doehleri* K Mayer, 1936  
*Drusus vernonensis* H Malicky, 1989 (Greece)  
*Drusus vespertinus* M Marinkovic-Gospodnetic, 1976 (Bosnia)  
*Drusus vinconi* F Sipahiler, 1992 (France)

#### ***Ecclisocosmoecus* F Schmid, 1964**

*Ecclisocosmoecus scylla* (LJ Milne, 1935) : NA (Canada)  
*Ecclisomyia scylla* LJ Milne, 1935  
*Ecclisocosmoecus spinosus* F Schmid, 1964 (Male redescribed, female, pupa, larva described by T Nozaki, N Kuhara, & RB Kuranshi, 1997, Jap J Entomol 65(1): 211-216, figs

Life history provided by Y Nagayasu & T Ito, 1999, P Internatn Symp Trich 9: 269-272



Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril Islands and Sakhalin 1: 53 Russia (Sakhalin)*

### ***Ecclisomyia* N Banks, 1907**

*Ecclisomyia bilera* DG Denning, 1951 : NA (United States of America)

*Ecclisomyia conspersa* N Banks, 1907 : NA (United States of America)

*Ecclisomyia digitata* (AV Martynov, 1929) (Reported from Siberia (Altai, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (southwestern Siberia - Altai Mountains)

*Praecosmoecus digitata* AV Martynov, 1929

*Ecclisomyia kamtschatica* (AV Martynov, 1914) (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Reported from Japan (Hokkaido), larva and pupa described by RB Kuranishi, T Nozaki, & N Kuhara, 1998, *J Natr Hist Mus Inst, Chiba* 5(1): 47-50

Diagnosis by SJ Park & YJ Bae, 1998, *Kor J Syst Zool* 14(4): 364

Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 28-29, f 1a-d

Larva described by SJ Park & YJ Bae, 2000, *Korean J Syst Zool* 16(1): 16, f 1(3)

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (Kamtchatka)

*Praecosmoecus kamtschatica* AV Martynov, 1914

Syn.: *Praecosmoecus malaisei* G Ulmer, 1927

*Ecclisomyia maculosa* N Banks, 1907 : NA (United States of America)

Syn.: *Ecclisomyia simulata* N Banks, 1920

### ***Ecclisopteryx* F Kolenati, 1848**

*Ecclisopteryx asterix* H Malicky, 1979 (Larva described by G Urbanic, J Waringer, and W Graf, 2003, *Lauterbornia* 46: 125-134

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 44 Austria)

*Ecclisopteryx dalecarlica* F Kolenati, 1848 (Described originally as a species;

Reduced to subspecies of *Ecclisopteryx guttulata* FJ Pictet by F Schmid, 1955, *Mitt Schweiz ent Ges* 28 Beih p 121;

A separate species according to H Malicky, in litt, and T Andersen and P Wiberg-Larsen, 1987, *Ent Scand* 18: XX?;

Larval head illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 96;

Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 133;

Distribution in Europe, phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Reported from France by G Coppa, 2004("2002"), Ephemera 4(1): 11-13

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 24 (Sweden)

*Ecclisopteryx guttulata* (FJ Pictet, 1834) (Cited as senior synonym by FCJ Fischer, 1967, Trich Cat 8: 200-207)

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 255

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 23 (Switzerland)

*Phryganea guttulata* FJ Pictet, 1834

Syn.: *Ecclisopteryx dziedzielewiczi* F Klapalek, 1906

Syn.: *Ecclisopteryx guttata* HA Hagen, 1859

Syn.: *Ecclisopteryx moravica* F Kolenati, 1860

Syn.: *Hallesus poecilus* F Kolenati, 1848

*Ecclisopteryx madida* (R McLachlan, 1867) (Life cycle discussed by R Wagner & M Hoechst, 2001, Lauterbornia 40: 109-117)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 25 (Carinthia (= ?Austria according to VD Ivanov, 1996, personal communication))

*Hallesus madida* R McLachlan, 1867

*Ecclisopteryx malickyi* GP Moretti, 1991 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791 (Italy)

### ***Ecnomina* DE Kimmins, 1953**

*Ecnomina alluna* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina alluna* Group Holotype--Male; AUSTRALIA: New South Wales, "Mooraback," Werrikimbe NP (about 31°15'S, 153°11'E), 980 m, 6 Dec 1986, G Theischinger; NMV, T-19756; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina anulla* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina alluna* Group Holotype--Male; AUSTRALIA: Queensland, Dalrymple Ck nr Eungella, 21°02'S, 148°43'E, 3 Apr 1993, G Theischinger; NMV, T-19756; deposited in Museum Victoria, Melbourne, Australia Australia)  
*Ecnomina attunga* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina spinosa/legula* Group Holotype--Male; AUSTRALIA: Victoria, Pretty Valley Ck d/s pond (about 36°52'S, 147°17'E), 10 Jan 1980, D Cartwright; NMV, T-19674; deposited in Museum Victoria, Melbourne, Australia Australia)  
*Ecnomina batyle* A Neboiss, 1977 : AU (Additional Tasmanian locality, Tasmanian endemic according to A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 64

Male and female redescribed by DI Cartwright, 2008, Zootaxa 1774: 38-40, f 75-77, 174 Holotype--Male; AUSTRALIA: Tasmania, Wilmot River, 10 km S of Forth, 13 Dec 1974; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 64) Australia (Tasmania))

*Ecnomina beela* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Queensland, Cockatoo Crossing, 17 km NW Heathlands, 11°39'S, 142°27'E, 1-21 Mar 1992, Malise, P Feeney; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Ecnomina boogoo* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina spinosa/legula* Group Holotype--Male; AUSTRALIA: New South Wales, Grafton (about 29°41'S, 152°56'E), 31 Mar 1963, R Boswell; NMV, T-19673; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina bula* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina alluna* Group Holotype--Male; AUSTRALIA: New South Wales, Wallagaraugh R, Princes Hwy bridge (about 37°23'S, 149°42'E), 29 Jan 1975, A Neboiss; NMV, T-19788; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina choris* A Neboiss, 1978 : AU (Male redescribed in the *Ecnomina cohibilis/choris* Group by DI Cartwright, 2008, Zootaxa 1774: 54, f 117-119 Holotype--Male; AUSTRALIA: Queensland, Fraser Island, Little Minker Lake, 18 Dec 1975, H Burton; NMV, T-5698; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, Zootaxa 1774: 54) Australia)

*Ecnomina cohibilis* A Neboiss, 1982 : AU (Male and female redescribed in the *Ecnomina cohibilis/choris* Group by DI Cartwright, 2008, Zootaxa 1774: 52-53, f 114-116, 183 Holotype--Male; AUSTRALIA: Western Australia, Jandakot, Banganup Lake, 8 Nov 1971, JC Taylor; NMV, T-6408; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, Zootaxa 1774: 53) Australia)

*Ecnomina concava* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Northern Territory, SAR, Rock Hole Cr (about 13°29'S, 132°30'E), 17 Feb 1988, P Dostine; NMV, T-19865; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina foramen* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Queensland, Gunshot Ck, Telegraph Crossing, 11°44'S, 142°29'E, UV It, 17 Feb 1992, Cartwright and Wells; NMV, T-19863; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina gippslandica* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Victoria, Black Ck, trib Cann R, Noorinbee North (about 37°26'S, 149°13'E), UV It, 10 Dec 2003, D Cartwright; NMV, T-19870; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina gullea* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina spinosa/legula* Group near *Ecnomina spinosa* DE Kimmins and *Ecnomina legula* A Neboiss Holotype--Male; AUSTRALIA: Victoria, Bells Clearing, 6 km S of Aberfeldy (about 37°51'S, 146°16'E), 8 Feb 1977, AA Calder; NMV, T-19676; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina incisura* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina scutica* Group near *Ecnomina specensis* DI Cartwright Holotype--Male; AUSTRALIA: Victoria, Myrtleford (about 36°34'S, 146°44'E), 11 Jan 1955, A Neboiss; NMV, T-19670; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina kavinia* JB Ward & PW Schefter, 2000 : AU (Holotype--XXX?; NEW CALEDONIA: Koue River New Caledonia)

*Ecnomina kepin* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: Queensland, Coomera Ck, Lamington Nat Park (about 28°10'S, 153°12'E), 8 Feb 1961, Perkins; NMV, T-19714; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina lamech* (H Malicky, 1993) : OL (Transferred from *Ecnomus* to *Ecnomina*, reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 12, 15 Philippines)

*Ecnomus lamech* H Malicky, 1993

*Ecnomina lamingtonensis* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina scutica* Group Holotype--Male; AUSTRALIA: Queensland, Coomera Ck, Lamington Nat Park (about 27°58'S, 153°1'E), 8 Feb 1961, Perkins; NMV, T-19668; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina legula* A Neboiss, 1977 : AU (Additional Tasmanian localities, Tasmanian endemic, male wings, female genitalia by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 64, f 16A-B

Male and remale redescribed by DI Cartwright, 2008, *Zootaxa* 1774: 44, f 3, 90-92, 176, 176a Holotype--Male; AUSTRALIA: Tasmania, Huon River Crossing, Port Davey Track, 9 Feb 1965; deposited in the Museum of Victoria (A Neboiss, 2002 *Papers & Proc R Soc Tasmania* 136: 64) Australia (Tasmania))

*Ecnomina manicula* DI Cartwright, 2008 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Victoria, Wingan R, 8 km S of Princes Hwy (about 37°35'S, 149°26'E), 30 Jan 1975, A Neboiss; NMV, T-19718; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina merki* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Western Australia, Camp Ck, Mitchell Plateau (about 14°50'S, 125°50'E), It tr, 29 Feb 1978, JE Bishop; NMV, T-19846; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Ecnomina mesembria* A Neboiss, 1982 : AU (Male and female redescribed by DI Cartwright, 2008, *Zootaxa* 1774: 49, f 102-104, 180 Holotype--Male; AUSTRALIA: Western Australia, Beedelup Falls near Pemberton, 8 Dec 1979, JB; NMV, T-6243; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, *Zootaxa* 1774: 49) Australia)

*Ecnomina ramosa* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Queensland, Stoney Ck on Mt Stuart Rd, Stuart, Townsville (about 19°18'S, 146°45'E), 27 Apr 1979, A Wells; NMV, T-19797; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina rostrata* DI Cartwright, 2008 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Queensland, Coomera Ck, Lamington Nat Park (about 28°10'S, 153°12'E), 8 Feb 1961, Perkins; NMV, T-19714; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina scutica* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina scutica* Group Holotype--Male; AUSTRALIA: Victoria, Bells Clearing, 6 km S of Aberfeldy (about 37°44'S, 146°22'E), 9 Feb 1977, AA Calder; NMV, T-19648; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina sentosa* A Neboiss, 1982 : AU (Male and female redescribed by DI Cartwright, 2008, *Zootaxa* 1774: 50, f 108-110, 181 Holotype--Male; AUSTRALIA: Western Australia, Margaret River, rapids crossing, 25 km S of Busselton, 22 Nov 1978, A Neboiss; NMV, T-6271; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, *Zootaxa* 1774: 50) Australia)

*Ecnomina serrata* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Queensland, Girraween Nat Pk nr Wyberba (about 28°52'S, 151°56'E), 10 Oct 1973, A Neboiss; NMV, T-19885; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina sheldoni* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina merki* Group Holotype--Male; AUSTRALIA: Queensland, Camp Ck proper, Mt Spec State Forest, 18°57'S, 146°10'E, 760 m, It tr, 17 Jan 1994, AL Sheldon; NMV, T-19892; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina specensis* DI Cartwright, 2008 : AU (Male described originally in the *Ecnomina scutica* Group near *Ecnomina incisura* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Running R, Mt Spec State Forest, 680 m, 18°57'S, 146°10'E, 19 Dec 1993, It tr, AL Sheldon; NMV, T-19668; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina spinosa* DE Kimmins, 1953 : AU (Male redescribed by DI Cartwright, 2008, *Zootaxa* 1774: 42-44, f 6, 87-89 Holotype--Male; AUSTRALIA: New South Wales, Wentworth Park, Wentworth Falls, 23 Nov 1916, RJ Tillyard; deposited in The Natural History Museum, London, United Kingdom (DI Cartwright, 2008, *Zootaxa* 1774: 43) Australia)

*Ecnomina thinoles* A Neboiss, 1978 : AU (Male and female redescribed by DI Cartwright, 2008, *Zootaxa* 1774: 62, f 141-143, 189 Holotype--Male; AUSTRALIA: Queensland, Fraser Island, Lake Wabby, 7 May 1975, H Burton; NMV, T-5699; deposited in Museum Victoria, Melbourne, Australia

(DI Cartwright, 2008, Zootaxa 1774: 62) Australia)  
*Ecnomina trifurcata* DE Kimmins, 1953 : AU (Male redescribed by DI Cartwright, 2008, Zootaxa 1774: 63-64, f 144-146 Holotype--Male; AUSTRALIA: New South Wales, Wentworth Park, Wentworth Falls, 24 Nov 1916, RJ Tillyard; deposited in The Natural History Museum, London, United Kingdom (DI Cartwright, 2008, Zootaxa 1774: 64) Australia)  
*Ecnomina vega* A Neboiss, 1977 : AU (Tasmanian endemic according to A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 64)

Male and female redescribed by DI Cartwright, 2008, Zootaxa 1774: 40-41, f 78-80, 175 Holotype--Male; Australia: Tasmania, Macquarie River, 8 km W of Campbell Town, 9 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 64) Australia (Tasmania))

*Ecnomina viatica* A Neboiss, 1982 : AU (Male and female redescribed by DI Cartwright, 2008, Zootaxa 1774: 47-48, f 99-101, 179 Holotype--Male; AUSTRALIA: Western Australia, Margaret River, Rapids crossing, 25 km S of Busselton, 22 Nov 1978, A Neboiss; NMV, T-6363; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2008, Zootaxa 1774: 48) Australia)  
*Ecnomina volcella* DI Cartwright, 2008 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Queensland, Birthday Ck, 3.5 km WNW Paluma, 18°57'S, 146°10'E, at It, 7 Apr 1990, R StClair; NMV, T-19748; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina wamoom* DI Cartwright, 2008 : AU (Male and female described originally Holotype--Male; AUSTRALIA: Victoria, Miranda Ck, 38°56'S, 146°28'E, 6 Jan 1986, A Neboiss; NMV, T-19705; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina wanarra* DI Cartwright, 2008 : AU (Male described originally Holotype--Male; AUSTRALIA: Queensland, Carnarvon Gorge Nat Pk, 25°15'S, 148°24'E, 12 Nov 1990, G Theischinger; NMV, T-19713; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina wirromandi* DI Cartwright, 2008 : AU (Male and female described originally in the *Ecnomina alluna* Group Holotype--Male; AUSTRALIA: Queensland, Camp Mt (about 27°24'S, 152°53'E), 31 Mar 1967, N Dobrotworsky; NMV, T-19756; deposited in Museum Victoria, Melbourne, Australia Australia)

*Ecnomina zealandica* KAJ Wise, 1958 : AU (New Zealand)

#### ***Ecnomus* R McLachlan, 1864**

*Ecnomus acanthogonus* G Marlier, 1958 : AT (Democratic Republic of the Congo)

*Ecnomus acuminatus* YJ Li and JC Morse, 1997 : OL (China (Jiangxi))

*Ecnomus addi* H Malicky, 1993 : AU (Redescribed by DI Cartwright, 1998, Mem Mus Victoria 57(1): 78)

Reported from Papua New Guinea (St Matthias Islands: Mussau) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Papua New Guinea (Bismarck Archipelago))

*Ecnomus aequatorialis* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Ecnomus africanus* ME Mosely, 1932 : AT (Sierra Leone)

*Ecnomus aigeus* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Ecnomus aius* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-vii-2000, B1111PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Ecnomus aktaion* H Malicky and P Chantaramongkol, 1997 : OL (Thailand)

*Ecnomus alicae* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus alkaios* H Malicky et P Chantaramongkol, 1997 : OL (Thailand)

*Ecnomus alkestis* H Malicky et P Chantaramongkol, 1997 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)

*Ecnomus alkinoos* H Malicky et P Chantaramongkol, 1997 : OL (Thailand)

*Ecnomus alkmaion* H Malicky et P Chantaramongkol, 1997 : OL (Thailand)

*Ecnomus alkmene* H Malicky et P Chantaramongkol, 1997 : OL (Thailand)

*Ecnomus allaeri* S Jacquemart, 1962 : AT (Democratic Republic of the Congo)

*Ecnomus amphitryon* H Malicky, 1997 : OL (Laos)

*Ecnomus anakagung* H Malicky, 1995 : OL (Indonesia (Bali))

*Ecnomus anakpiara* H Malicky, 1995 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Ecnomus anakdamdao* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Vietnam)

*Ecnomus ancisus* DI Cartwright, 1990 : AU (Australia)

*Ecnomus androgeos* H Malicky, 1997 : OL (Laos)

*Ecnomus apiculatus* DI Cartwright, 1990 : AU (Australia)

*Ecnomus arabicus* H Malicky, 1986 (Saudi Arabia)

*Ecnomus areion* H Malicky, 1999 : OL (Reported from Thailand and Vietnam, as *Ecnomus aerion*, by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)

*Ecnomus argonautos* P Luadee & H Malicky, 1999 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5

Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, Braueria 37: 24-25 Thailand)

*Ecnomus asciatus* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Ecnomus atevalus* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)

*Ecnomus atratus* ME Mosely, 1932 : AU (New Hebrides)

*Ecnomus auratus* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Ecnomus aurnyn* H Malicky, 1986 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Ecnomus australis* S Jacquemart, 1963 : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Ecnomus badalus* (W Guenda, 2000) : AT (Described originally with autoecology and distribution of the species along the Mouhoun River, Burkina Faso, over a distance of more than one thousand kilometers BURKINA FASO: Badala, Dedougou area, Mounhoun river Burkina Faso)

*Psychomyiellodes badalus* W Guenda, 2000

*Ecnomus barnardi* DE Kimmins, 1957 : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Namibia)

*Ecnomus basmat* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 1410 m, 13-iv-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Ecnomus battu* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Ecnomus bengkok* DI Cartwright, 1994 : OL (Indonesia (Sulawesi))

*Ecnomus bicolorus* L Tian et Y Li, 1992 : OL (China (Jiangsu))

*Ecnomus bicornis* DI Cartwright, 2011 : AU (Nomen novum for *Ecnomus tropicus* DI Cartwright, junior homonym of *Ecnomus tropicus* G Ulmer, resulting from the synonymization of *Psychomyiellodes* with *Ecnomus* Australia)

Syn.: *Ecnomus tropicus* DI Cartwright, 1990

*Ecnomus bifurcatus* (ME Mosely, 1935) : AT (Sierra Leone)

*Ecnomiella bifurcatus* ME Mosely, 1935

*Ecnomus bintin* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus totii* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Ha Son Binh Province, Hoabinh, 8 km to Dabac, 31-i-1986, light [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Ecnomus bishopi* DI Cartwright, 1990 : AU (Australia)

*Ecnomus bispiniferus* S Jacquemart, 1969 : AT (Democratic Republic of the Congo)

*Ecnomus blythi* DI Cartwright, 1990 : AU (Australia)

*Ecnomus bou* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, Braueria 37: 26 Thailand)

*Ecnomus bredoi* S Jacquemart, 1969 : AT (Democratic Republic of the Congo)

*Ecnomus bullatus* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus buntak* DI Cartwright, 1992 : OL (Indonesia (Sulawesi))

*Ecnomus caesar* H Malicky & P Chaibu, 2000 : OL (Male described originally Holotype--Male; THAILAND: Tad Heung Thailand)

*Ecnomus cationg* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus longicaudatus* Y Li & JC Morse Holotype--Male; VIETNAM: Son La Province, Moch Chau, 26-x-1986, light [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Ecnomus cattienensis* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Vietnam)

*Ecnomus cavatus* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus centralis* DI Cartwright, 1990 : AU (Australia)

*Ecnomus ceylanicus* ME Mosely, 1932 : OL (Sri Lanka)

*Ecnomus chusie* P Chantaramongkol et H Malicky, 1986 : OL (Sri Lanka)

*Ecnomus cincibilis* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Ecnomus clavatus* DI Cartwright, 1990 : AU (Australia)

*Ecnomus coalitus* YJ Li et JC Morse, 1997 : OL (Reported from Vietnam, China by J Olah & H Malicky, 2010, Braueria 37: 26 China (Sichuan))

*Ecnomus coineaui* S Jacquemart, 1966 : AT (Democratic Republic of the Congo)

*Ecnomus complex* ME Mosely, 1932 : AT (Sierra Leone)

*Ecnomus concavus* DE Kimmins, 1957 : AT (Uganda)

*Ecnomus condao* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus alkestis* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Lamdong Province, Dalat, Prens waterfall, 19-x-1988, light [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Ecnomus connatus* YJ Li et JC Morse, 1997 : OL (China (Anhui))

*Ecnomus continentalis* G Ulmer, 1916 : AU (Australia)

*Ecnomus cornutus* YJ Li et JC Morse, 1997 : OL (China (Anhui))

*Ecnomus costalis* AV Martynov, 1935 : OL (India)

*Ecnomus crepidulus* ME Mosely, 1932 : OL (Male redescribed near *Ecnomus hendersoni* ME Mosely, reported again from Peninsular Malaysia by A Wells & CM Yule, 2008, Aquatic Insects 30(1): 73

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Malaysia (Peninsular))

*Ecnomus curtus* ME Mosely, 1932 : AT (Ivory Coast)

*Ecnomus cuspidis* DI Cartwright, 1990 : AU (Australia)

*Ecnomus cyclopicus* DE Kimmins, 1962 : AU (redescribed by DI Cartwright, 1998, Mem Mus Victoria 57(1): 77 Papua New Guinea)

*Ecnomus cygnitus* A Neboiss, 1982 : AU (Australia)

*Ecnomus dadi* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus daibinh* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus lapithos* H Malicky & T Prommi Holotype--Male; VIETNAM: Lambong Province, Baoloc, Dai Binh River, 22-x-1988, light [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Ecnomus dananensis* FM Gibon, 1992 : AT (Ivory Coast)

*Ecnomus dananensis occidentalis* FM Gibon, 1992 ( ~dananensis FM Gibon, 1992, Ecologie Animales 14(3-4): 709, figs)

*Ecnomus danielae* FM Gibon, 1992 : AT (Guinea)

*Ecnomus danielae orientalis* FM Gibon, 1992 ( ~danielae FM Gibon, 1992, Ecologie Animales 14(3-4): 722, figs)

*Ecnomus dares* H Malicky, 2000 : OL (Indonesia (Kalimantan))

*Ecnomus deani* DI Cartwright, 1990 : AU (Australia)

*Ecnomus deceptor* R McLachlan, 1884 (Belgium, Portugal)

*Ecnomus decussatus* DG Gibbs, 1973 : AT (Ghana)

*Ecnomus dejouxi* G Marlier, 1978 : AT (Chad)

*Ecnomus dentatus* (DE Kimmins, 1957) : AT (Autoecology and distribution of the species along the Mouhoun River, Burkina Faso, over a distance of more than one thousand kilometers reported by W Guenda, 2000, Annales de Limnologie 36(3): 163-167 Tanzania)

*Psychomyiellodes dentatus* DE Kimmins, 1957

*Ecnomus digitatus* ME Mosely, 1932 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Ecnomus digitulus* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus digrutus* DI Cartwright, 1990 : AU (Australia)

*Ecnomus dikla* H Malicky, 2009 : OL (Male described originally near *Ecnomus volovicus* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Nam Cat Tien, 200 m, 11°26'N, 107°26'E, 17-25-vi-1995; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Ecnomus dina* H Malicky, 2009 : OL (Male described originally near *Ecnomus hendersoni* ME Mosely Holotype--Male; MALAYSIA: Johor, Endau Rompin, Sungai Endau, 0-150 m, 02°32'N, 103°22'E, 20-21-iii-1999, leg T Trilar & K Prosenc; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))

*Ecnomus dinderessoi* FM Gibon, W Guenda, & B Coulibaly, 1994 : AT (Burkina Faso)

*Ecnomus dispar* DE Kimmins, 1957 : AT (Uganda)

*Ecnomus doros* H Malicky & I Thani, 2000 : OL (Thailand)

*Ecnomus dutthagamani* F Schmid, 1958 : OL (Sri Lanka)

*Ecnomus echinatus* S Jacquemart, 1963 : AT (Republic of South Africa)

*Ecnomus ellipticus* YJ Li et JC Morse, 1997 : OL (Reported from Vietnam, China by J Olah & H Malicky, 2010, *Braueria* 37: 27 China (Anhui))

*Ecnomus escaffrei* FM Gibon, 1992 : AT (Cameroon)

*Ecnomus eurytos* H Malicky & S Silalom, 2000 : OL (Male described originally Holotype--Male; THAILAND: Doi Suthep National Park, Huai Kaew Thailand)

*Ecnomus excavatus* (DE Kimmins, 1963) : AT (Autoecology and distribution of the species along the Mouhoun River, Burkina Faso, over a distance of more than one thousand kilometers reported by W Guenda, 2000, *Annales de Limnologie* 36(3): 163-167 Ethiopia)

*Psychomyiellodes excavatus* DE Kimmins, 1963

*Ecnomus falciferus* S Jacquemart, 1969 : AT (Democratic Republic of the Congo)

*Ecnomus ferrantei* G Ulmer, 1963 (Egypt)

*Ecnomus fletcheri* ME Mosely, 1932 : OL (India)

*Ecnomus foliatus* DE Kimmins, 1957 : AT (Uganda)

*Ecnomus foliatus curvatus* FM Gibon, 1992 (

~*foliatus* DE Kimmins, 1957, *Tr Ent Soc London* 109: 262, 266, 272 f 2F)

*Ecnomus foochowensis* ME Mosely, 1942 : OL (China (Fujian))

*Ecnomus forbesi* KMF Scott, 1968 : AT (Republic of South Africa)

*Ecnomus forcipatus* ME Mosely, 1932 : OL (Malaysia (Peninsular))

*Ecnomus furcatus* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Ecnomus fuscus* DE Kimmins, 1957 : AT (Tanzania)

*Ecnomus fusiformis* G Marlier, 1965 : AT (Angola)

*Ecnomus gada* DI Cartwright, 1994 : OL (Indonesia (Kalimantan))

*Ecnomus galilaeus* B Tjeder, 1946 (Israel)

*Ecnomus gapit* DI Cartwright, 1994 : OL (Indonesia (Kalimantan))

*Ecnomus gedrosicus* F Schmid, 1959 (Recorded from Turkey by F Sipahiler, 2001, *Braueria* 28: 21-23

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Ecnomus gerus* ME Mosely, 1936 : AT (Sierra Leone)

*Ecnomus gigantius* YJ Li et JC Morse, 1997 : OL (China (Anhui))

*Ecnomus hamatus* ME Mosely, 1935 : AT (Sierra Leone)

*Ecnomus hastatus* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Ecnomus helakanda* F Schmid, 1958 : OL (Sri Lanka)

*Ecnomus hemam* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDONESIA: E Kalimantan, Kayan -- Mentarang Nature Preserve, 02°52'N, 115°49'E, 28-iii-16-iv-1994, leg B Hubley & DC Darling; deposited via the Royal Ontario Museum, Toronto, Ontario, Canada, into the Zoological Museum, Berlin, Germany Indonesia (Kalimantan))

*Ecnomus hendersoni* ME Mosely, 1932 : OL (Reported new record from Indonesia (Sumatra) by J Olah & KA Johanson, 2010, *Zootaxa* 2618: 4-5

Reported from Vietnam, Indonesia (Sumatra), Malaysia (Peninsular) by J Olah & H Malicky, 2010, *Braueria* 37: 27 Malaysia (Peninsular))

*Ecnomus henoach* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Ecnomus hesiod* H Malicky & P Ladee, 2010 : OL (Male described originally near *Ecnomus aktaion* H Malicky & P Chantaramongkol, *Ecnomus quordaio* H Malicky and *Ecnomus singkarakensis* G Ulmer Holotype--Male; THAILAND: Surat Thank Prov, Tapi River, Khiri Ratthanikhom, 09°02'N, 099°58'E,



12 m, leg Pongsak Laudee; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Ecnomus hilli* DE Kimmins, 1963 : AT (Ethiopia)  
*Ecnomus hinayana* F Schmid, 1958 : OL (Sri Lanka)  
*Ecnomus homhilensis* H Malicky, 1999 : AT (Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 550 Holotype--XXX?; YEMEN: Socotra, Wadi Zeewef, Homhil South Yemen (Socotra Island))  
*Ecnomus hyakinthos* H Malicky & N Changthong, 2004 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Waterwheel Falls, 16\*59'N, 101\*00'E, 1280 m, 20-21-1--2002, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Ecnomus hyas* H Malicky, 2007 : OL (Male described originally near *Ecnomus aigeus* H Malicky and *Ecnomus henoeh* H Malicky Holotype--Male; BHUTAN: Punakha, Jichulum Rongchhu, N von Punakha, 27\*39'N, 89\*46'E, 1400 m, 25-iv-2006, Graf & Malicky; Tagfang; kelineer Bach mit dichtem Ufergehoeolz zwishen Kulturland; deposited in the NECS, Thimphu Bhutan)  
*Ecnomus hypnos* H Malicky & A Nuntakwang, 2004 : OL (Male described originally Holotype--Male; Thailand: Lampun Province, Mae Ping National Park, Namtok Koh Luang, 17\*34'N, 98\*49'E, 500 m, 22-4-2003, leg A Nantakwang; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Ecnomus illugi* DI Cartwright, 1998 : AU (Papua New Guinea)  
*Ecnomus ilos* H Malicky & T Prommi, 2004 : OL (Male described originally

Male re-illustrated, reported from Cambodia and Thailand by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 26, f 2 Holotype--Male; Thailand: Kanchanaburi Province, Thongpapum District, 14\*39'N, 98\*35'E, 184 m, 8--9-12-2002, leg T Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus incisus* YJ Li et JC Morse, 1997 : OL ((a synonym of *Ecnomus triangularis* C Sun, 1997, according to L Yang, 1998, personal communication) China (Sichuan))

*Ecnomus indicus* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Ecnomus ingibandi* DI Cartwright, 1990 : AU (Australia)

*Ecnomus insularis* G Ulmer, 1910 : AT (Seychelles)

*Ecnomus iomari* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus jacquemarti* KA Johanson, 2011 : AT (Nomen novum for *Ecnomus ulmeri* (S Jacquemart), homonym of *Ecnomus ulmeri* ME Mosely, resulting from the synonymization of *Psychomyiellodes* with *Ecnomus* Democratic Republic of the Congo)

Syn.: *Psychomyiellodes ulmeri* S Jacquemart, 1961

*Ecnomus japonicus* FCJ Fischer, 1970 (Japan)

Syn.: *Ecnomus serratus* M Kobayashi, 1959

*Ecnomus jimba* DI Cartwright, 1990 : AU (Australia)

*Ecnomus jojachin* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, Braueria 37: 27 Thailand)

*Ecnomus kabae* FM Gibon, 1992 : AT (Sierra Leone)

*Ecnomus kakrimae* FM Gibon, 1992 : AU (Australia)

*Ecnomus kakrimae* FM Gibon, 1992 : AT (Guinea)

*Ecnomus kambas* J Olah & H Malicky, 2011 : OL (Male described originally near *Ecnomus promat* H Malicky et P Chantaramongkol Holotype--Male; INDONESIA: Sumatra, Way Kambas National Park, 04\*05'S, 105\*49'E, 22-vi-2009, light trap, Zoltan Ecdesi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Ecnomus karakoi* DI Cartwright, 1990 : AU (Australia)

*Ecnomus karawalla* DI Cartwright, 1990 : AU (Australia)

*Ecnomus katangae* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Ecnomus kelung* DI Cartwright, 1994 : OL (Indonesia (Sulawesi))

*Ecnomus kerema* DI Cartwright, 1990 : AU (Australia)

*Ecnomus kimminsi* KMF Scott, 1963 : AT (Republic of South Africa)

*Ecnomus kinka* DI Cartwright, 1990 : AU (Australia)

*Ecnomus kitabal* DI Cartwright, 1990 : AU (Australia)

*Ecnomus kivuensis* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Ecnomus kosam* H Malicky, 1993 : OL (Myanmar)

*Ecnomus kososiensis* M Kobayashi, 1987 (Japan)

*Ecnomus kunenensis* KH Barnard, 1934 : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-

218 Namibia)

*Ecnomus kurui* F Sipahiler, 1989 (Turkey)

*Ecnomus laensis* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus lanceolatus* FM Gibon, 1992 : AT (Cameroon)

*Ecnomus lapithos* H Malicky & T Prommi, 2006 : OL (Male described originally near *Ecnomus lohaprasada* F Schmid, *Ecnomus papuanus* G Ulmer, and *Ecnomus tinco* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Suratthani Prov, Khaosok National Park, Mae Yai Waterfall, 287 m, 8°53'N, 98°21'E, 2-iv-2005; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus larakia* DI Cartwright, 1990 : AU (redescribed by DI Cartwright, 1998, Mem Mus Victoria 57(1): 77 Australia)

*Ecnomus latus* YJ Li et JC Morse, 1997 : OL (China (Jiangxi))

*Ecnomus leonus* ME Mosely, 1936 : AT (Sierra Leone)

*Ecnomus leupleui* FM Gibon, 1992 : AT (Ivory Coast)

*Ecnomus linsanensis* FM Gibon, 1992 : AT (Guinea)

*Ecnomus loffae* FM Gibon, 1992 : AT (Guinea)

*Ecnomus lohaprasada* F Schmid, 1958 : OL (Sri Lanka)

*Ecnomus longicaudatus* YJ Li et JC Morse, 1997 : OL (China (Yunnan))

*Ecnomus lothan* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Ecnomus lykos* H Malicky, 2004 : OL (Male and female described originally near *Ecnomus vaharika* F Schmid and *Ecnomus indicus* AV Martynov

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: westlicher Bach bei Babai Basar (Lager 2), 10-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Ecnomus machadoi* G Marlier, 1965 : AT (Angola)

*Ecnomus macrolobus* G Marlier, 1965 : AT (Angola)

*Ecnomus maheensis* H Malicky, 1993 : AT (Seychelle Islands)

*Ecnomus malaissei* G Marlier, 1981 : AT (Democratic Republic of the Congo)

*Ecnomus mammus* H Malicky et P Chantaramongkol, 1993 : OL (Male re-illustrated, reported from Cambodia and Thailand by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 26, f 3

Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, Braueria 37: 27 Thailand)

*Ecnomus masalai* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus masong* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus matanensis* W Mey, 2006 : OL (Male described originally Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Make Matano, at light, 11-x-2005, leg. W Mey; in alcohol; deposited in the Indonesian Institute for Science, Bogor, Indonesia Indonesia (Sulawesi))

*Ecnomus mennelli* PC Barnard et F Clark, 1986 : AT (Kenya)

*Ecnomus milnensis* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus minostylus* W Mey, 1998 : OL (Male described originally, related to *Ecnomus tumidus* G Ulmer and possibly to *Ecnomus viganus* L Navas Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Ecnomus miriwud* DI Cartwright, 1990 : AU (Australia)

*Ecnomus mithrakai* H Malicky, 1979 : OL (India (Andaman Islands))

*Ecnomus montanus* ME Mosely, 1932 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Ecnomus morotus* N Banks, 1939 : OL (Philippines)

Syn.: *Ecnomus viganus* G Ulmer, 1930

*Ecnomus mosleyi* AV Martynov, 1935 : OL (India)

*Ecnomus myallensis* DI Cartwright, 1990 : AU (Australia)

*Ecnomus natalensis* G Ulmer, 1931 : AT (Republic of South Africa)

*Ecnomus ndjorensis* FM Gibon, 1992 : AT (Cameroon)

*Ecnomus nevoissi* DI Cartwright, 1990 : AU (Australia)

*Ecnomus neri* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Ecnomus ngogoi* FM Gibon, 1992 : AT (Cameroon)  
*Ecnomus nibbor* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus niouniouroui* FM Gibon, 1992 : AT (Ivory Coast)  
*Ecnomus nodosus* W Mey, 1990 : OL (Philippines)  
*Ecnomus novus* (G Marlier, 1965) : AT (Angola)  
*Psychomyiellodes novus* G Marlier, 1965  
*Ecnomus nya* ME Mosely, 1948 : AT (Malawi)  
*Ecnomus obscurus* (DE Kimmins, 1957) : AT (Rhodesia, Uganda)  
*Psychomyiellodes obscurus* DE Kimmins, 1957  
*Ecnomus obtusus* G Ulmer, 1910 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))  
*Ecnomus oppidanus* KH Barnard, 1934 : AT (Occurring in Wit River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)  
*Ecnomus oppositus* AV Martynov, 1935 : OL (Myanmar)  
*Ecnomus orientalis* YJ Li et JC Morse, 1997 : OL (China (Anhui))  
*Ecnomus oriomo* DI Cartwright, 1998 : AU (Papua New Guinea)  
*Ecnomus paget* H Malicky et P Chantaramongkol, 1997 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)  
*Ecnomus pakadji* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus pansus* A Neboiss, 1982 : AU (Australia)  
*Ecnomus papuanus* G Ulmer, 1938 : AU (redescribed by DI Cartwright, 1998, Mem Mus Victoria 57(1): 87 Papua New Guinea)  
*Ecnomus paratyphlodes* W Mey, 1998 : OL (Male described originally, related to *Ecnomus typhlodes* W Mey Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, small brook, 10-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))  
*Ecnomus parellipticus* YJ Li et JC Morse, 1997 : OL (China (Sichuan))  
*Ecnomus penjabi* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)  
*Ecnomus perpendicularis* YJ Li et JC Morse, 1997 : OL (China (Sichuan))  
*Ecnomus perseis* H Malicky, 2008 : OL (Male described originally near *Ecnomus gapit* D Cartwright and *Ecnomus dares* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 05-viii-2000, B0521PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Ecnomus phoibos* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 27-vii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Ecnomus phoenix* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 05-vii-2000, PLS111, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Ecnomus pilbarensis* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus pilophorus* W Mey, 1998 : OL (Male described originally, resembles *Ecnomus pseudotenellus* G Ulmer and *Ecnomus addi* H Malicky Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 26-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Ecnomus plaiwat* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)  
*Ecnomus plotin* H Malicky & P Ladee, 2010 : OL (Male described originally near *Ecnomus argonautos* P Laudee & H Malicky, *Ecnomus dikia* H Malicky, and *Ecnomus Volovicus* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Surat Thani Prov, Tapi River, Koh Lum Phu, 4 m, 09°08'N, 099°19'E, leg Pongsak Laudee; deposited in the H Malicky Collection, Lunz and See, Austria Thailand)  
*Ecnomus projectus* YJ Li et JC Morse, 1997 : OL (China (Jiangxi))  
*Ecnomus promat* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Thailand and Vietnam)

by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5 Thailand)  
*Ecnomus pseudotenellus* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5 Indonesia (Sumatra))  
*Ecnomus pungens* YJ Li et JC Morse, 1997 : OL (China (Yunnan))  
*Ecnomus puntung* DI Cartwright, 1992 : OL (Reported from Lake Matano, Sulawesi, Indonesia as *Ecnomus putung* by W Mey, 2006, *Beitr Entomol, Kelttern* 56(1): 204 Indonesia (Sulawesi))  
*Ecnomus puro* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5

Reported from Vietnam, Thailand, Cambodia by J Olah & H Malicky, 2010, *Braueria* 37: 27 Thailand)  
*Ecnomus purogiong* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus puro* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Son La Province, Moch Chau, 26-x-1986, light [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)  
*Ecnomus pusanus* ME Mosely, 1932 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)  
*Ecnomus pusio* H Malicky, 1993 : OL (Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 12, 15 Philippines)  
*Ecnomus quordaio* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Ecnomus ramayana* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)  
*Ecnomus rectus* YJ Li et JC Morse, 1997 : OL (China (Sichuan))  
*Ecnomus relictus* F Vaillant, 1953 (Algeria)  
*Ecnomus retusus* DI Cartwright, 1994 : OL (Indonesia (Kalimantan))  
*Ecnomus rizali* N Banks, 1937 : OL (Philippines)  
*Ecnomus robustior* G Ulmer, 1951 : OL (Indonesia (Sumatra))  
*Ecnomus rostratus* S Jacquemart, 1963 : AT (Republic of South Africa)  
*Ecnomus russellius* A Neboiss, 1977 : AU (Australia)  
*Ecnomus saddhatissa* F Schmid, 1958 : OL (Sri Lanka)  
*Ecnomus sakoi* FM Gibon, 1992 : AT (Ivory Coast)  
*Ecnomus samouensis* FM Gibon, 1992 : AT (Guinea)  
*Ecnomus sela* H Malicky, 2009 : OL (Male described originally near *Ecnomus robustior* G Ulmer and *Ecnomus pseudotenellus* G Ulmer Holotype--Male; MALAYSIA: Johor, Sungai Endau, 20-21-iii-1999, leg Trilar & Prosenc; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))  
*Ecnomus selangor* A Wells & CM Yule, 2008 : OL (Male reported originally near *Ecnomus robustior* G Ulmer Holotype--Male; MALAYSIA: Peninsular Malaysia, Selangor, Peat Swamp Forest, 03\*39'06.3"N, 101\*15'12.2"E, irrigation drain, 30 Nov 2005, C Yule; deposited in the Raffles Museum of Biodiversity Research, The National University of Singapore, Singapore, Malaysia Malaysia (Peninsular))  
*Ecnomus seluk* DI Cartwright, 1994 : OL (Indonesia (Sulawesi))  
*Ecnomus serratus* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Ecnomus silenos* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Satun prov, Tarutao National Park, Ludoo Waterfall, 6-iii-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Ecnomus similis* ME Mosely, 1932 : AT (Republic of South Africa)  
*Ecnomus sinensis* L Navas, 1923 : OL (China (Jiangsu))  
*Ecnomus singkarakensis* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Ecnomus sirtang* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus projectus* Y Li & JC Morse Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)  
*Ecnomus skruim* DI Cartwright, 1998 : AU (Papua New Guinea)  
*Ecnomus spatulatus* YJ Li et JC Morse, 1997 : OL (Wing coupling structure and function discussed by IC Stocks, 2010, *Journal of Morphology* 271: 152-168 China (Anhui))

*Ecnomus speideli* W Mey, 2003 : OL (Male described originally near *Ecnomus typhlodes* W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-10-iv-1997, tributary to the Ago River, at the light, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Ecnomus spia* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus spinifer* (S Jacquemart et B Statzner, 1981) : AT (Democratic Republic of the Congo)

*Psychomyiellodes spinifer* S Jacquemart et B Statzner, 1981

*Ecnomus stentor* H Malicky & T Prommi, 2006 : OL (Male described originally near *Ecnomus amphitryon* H Malicky, *Ecnomus cattienensis* H Malicky, and *Ecnomus penjabi* F Schmid Holotype--Male; THAILAND: Suratthani Prov, Khaosok National Park, Sib-Et-Chan Waterfall, 133 m, 8\*55'N, 98\*31'E, 10-i-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus suadrus* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Ecnomus tagalensis* (N Banks, 1916) : OL (Philippines)

*Nyctiophylax tagalensis* N Banks, 1916

*Ecnomus tai* FM Gibon, 1992 : AT (Ivory Coast)

*Ecnomus talenoi* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Ecnomus tamiok* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus tang* DI Cartwright, 1992 : OL (Indonesia (Sulawesi))

*Ecnomus tegap* DI Cartwright, 1994 : OL (Indonesia (Kalimantan))

*Ecnomus tenellus* (P Rambur, 1842) : OL, PA (Larva described, reported from China (Hubei) by S Wang, 1963, Acta Hydrobiologica Sinica 3: 55-56, f 1-5

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoe, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Feeding biology reported by P Wiberg-Larsen, 1993, Entomol Meddr 61: 29-38

Biology, reed bed habitat by G Lakatos, 1995, Studia Naturalia 8: 27-35

Adult head illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 153

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 200

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 68

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Philopotamus tenellus* P Rambur, 1842

Syn.: *Ecnomus falcatus* ME Mosely, 1932

Syn.: *Ecnomus omiensis* M Tsuda, 1942

*Ecnomus thamar* H Malicky & P Laudee, 2009 : OL (Male described originally near *Ecnomus pseudotenellus* G Ulmer and *Ecnomus robustior* G Ulmer Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 500 m, 18°46'N, 99°28'E, 25-26-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus thamyris* H Malicky & T Prommi, 2006 : OL (Male described originally near *Ecnomus pseudotenellus* G Ulmer and *E projectus* Y Li & JC Morse Holotype--Male; THAILAND: Phattalung prov, Khaobantad Wildlife Sanctuary, Pralwan Waterfall, 73 m, 7°21'N, 99°57'E, 2-vi-2004; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus thogarma* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Ecnomus neri* H Malicky & P Chantaramongkol and *Ecnomus venimar* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 200 m, 14°22'N, 99°08'E, 22-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Ecnomus thomasseti* ME Mosely, 1932 : AT (Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Ecnomus tillyardi* ME Mosely, 1953 : AU (Australia)

*Ecnomus tinco* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Ecnomus tipis* DI Cartwright, 1992 : OL (Indonesia (Sulawesi))

*Ecnomus tjurupensis* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Ecnomus topgom* J Olah & H Malicky, 2010 : OL (Male described originally near *Ecnomus coalitus* Y Li & JC Morse and *Ecnomus connatus* Y Li & JC Morse Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Ecnomus tottio* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Thailand)

*Ecnomus triangularis* C Sun, 1997 : OL (China (Hubei))

*Ecnomus tridens* G Marlier, 1958 : AT (Democratic Republic of the Congo)

*Ecnomus tridigitus* DI Cartwright, 1990 : AU (Australia)

*Ecnomus tropicus* G Ulmer, 1905 : AT (Democratic Republic of the Congo)

*Ecnomus truncatus* YJ Li et JC Morse, 1997 : OL (China (Sichuan))

*Ecnomus tsudai* K Kumanski, 1992 (Korean People's Democratic Republic)

*Ecnomus tugelensis* KA Johanson, 2011 : AT (Nomen novum replacing *Ecnomus dentatus* S Jacquemart, preoccupied by *Ecnomus dentatus* (DE Kimmins), resulting from the synonymization of *Psychomyiellodes* with *Ecnomus* Republic of South Africa)

Syn.: *Ecnomus dentatus* S Jacquemart, 1963

*Ecnomus tumidus* G Ulmer, 1930 : OL (Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12, 15 Philippines)

*Ecnomus turgidus* A Neboiss, 1982 : AU (Australia)

*Ecnomus turrbal* DI Cartwright, 1990 : AU (Australia)

*Ecnomus typhlodes* W Mey, 1998 : OL (Male described originally, resembling *Ecnomus pseudotenellus* G Ulmer Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, 9-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Ecnomus ugandanus* DE Kimmins, 1957 : AT (Uganda)

*Ecnomus ulap* DI Cartwright, 1998 : AU (Papua New Guinea)

*Ecnomus ulmeri* ME Mosely, 1932 : AT (Sierra Leone)

*Ecnomus uncatius* YJ Li et JC Morse, 1997 : OL (China (Sichuan))

*Ecnomus ungulatus* (ME Mosely, 1931) : AT (Sierra Leone)

*Psychomyiellodes ungulatus* ME Mosely, 1931

*Ecnomus uttu* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5)

Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, *Braueria* 37: 28 Thailand)  
*Ecnomus vaharika* F Schmid, 1958 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Sri Lanka)  
*Ecnomus vahasaba* F Schmid, 1958 : OL (Sri Lanka)  
*Ecnomus venimar* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)  
*Ecnomus veratus* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus vibenus* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)  
*Ecnomus viganus* L Navas, 1923 : OL (Philippines)  
*Ecnomus volovicus* H Malicky et P Chantaramongkol, 1993 : OL (Reported from Vietnam, Thailand, Laos, Cambodia by J Olah & H Malicky, 2010, *Braueria* 37: 26 Thailand)  
*Ecnomus volsellus* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus votticius* H Malicky et P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand and Burma and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Thailand)

*Ecnomus waelbroecki* S Jacquemart, 1969 : AT (Democratic Republic of the Congo)  
*Ecnomus wagengugurra* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus walajandari* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus wamena* DI Cartwright, 1998 : AU (Indonesia (Irian Jaya))  
*Ecnomus wellsae* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus wendmanegrei* FM Gibon, W Guenda, et B Coulibaly, 1994 : AT (Burkina Faso)  
*Ecnomus wladimiri* FM Gibon, 1992 : AT (Senegal)  
*Ecnomus woronan* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus wulaina* LP Hsu et CS Chen, 1996 : OL (Taiwan)  
*Ecnomus yabbura* DI Cartwright, 1990 : AU (Australia)  
*Ecnomus yamashironis* M Tsuda, 1942 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168 Japan)  
*Ecnomus yuleae* DI Cartwright, 1994 : OL (Indonesia (Kalimantan))  
*Ecnomus zephyros* H Malicky & T Prommi, 2006 : OL (Male described originally near *Ecnomus cincibilus* H Malicky & P Chantaramongkol and *Ecnomus doros* H Malicky and ? Thani Holotype--Male; THAILAND: Suratthani Prov, Khaosok National Park, Sib-Et-Chan Waterfall, 133 m, 8°55'N, 98°31'E, 10-i-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

### ***Edidiehlia* H Malicky, 1993**

*Edidiehlia hiskia* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

### ***Edpercivalia* AG McFarlane, 1964**

*Edpercivalia banksiensis* (AG McFarlane, 1939) : AU (New Zealand)  
*Percivalia banksiensis* AG McFarlane, 1939  
*Edpercivalia borealis* (AG McFarlane, 1951) : AU (New Zealand)  
*Percivalia borealis* AG McFarlane, 1951  
*Edpercivalia cassicola* (AG McFarlane, 1939) : AU (New Zealand)  
*Percivalia cassicola* AG McFarlane, 1939  
*Edpercivalia dugdalei* JB Ward, 1998 : AU (New Zealand)  
*Edpercivalia flintorum* JB Ward, 2005 : AU (Male described originally near *Edpercivalia spaini* AG McFarlane Holotype--Male; NEW ZEALAND: Wellington, George Creek, 7 km east of Wainuionata, 41°16.6'S, 175°00.2'E, 26778 59905, 140 m, 18 February 2001, UV, OS Flint, Jr.; pinned; deposited in the Canterbury Museum, Christchurch 8001, New Zealand New Zealand)  
*Edpercivalia fusca* (AG McFarlane, 1939) : AU (New Zealand)  
*Percivalia fusca* AG McFarlane, 1939  
*Edpercivalia harrisoni* KAJ Wise, 1982 : AU (New Zealand)

*Edpercivalia maxima* (AG McFarlane, 1939) : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)  
*Percivalia maxima* AG McFarlane, 1939  
*Edpercivalia morrisoni* JB Ward, 1998 : AU (New Zealand)  
*Edpercivalia oriens* JB Ward, 1997 : AU (New Zealand)  
*Edpercivalia schistaria* JB Ward, 2005 : AU (Male described originally near *Edpercivalia fusca* (AG McFarlane) Holotype--Male; NEW ZEALAND: Dunedin, Swampy Summit, 23138 54878, 700 m, 27 December 1991, BH Patrick; pinned; deposited in the Canterbury Museum, Christchurch 8001, New Zealand New Zealand)  
*Edpercivalia shandi* (AG McFarlane, 1951) : AU (Neotype designation by AG McFarlane & B Cowie, 1981, Rec Canterbury Mus 9: XX?, declared invalid by JB Ward, 1999, Rec Canterbury Mus 13: 80 New Zealand)  
*Percivalia shandi* AG McFarlane, 1951  
*Edpercivalia smithi* JB Ward, 2005 : AU (Male described originally near *Edpercivalia fusca* (AG McFarlane) Holotype--Male; NEW ZEALAND: Otago Lakes, Divide Creek, Highway 94, 44°49.7'S, 168°07.0'E, 21240 55865, 530 m, 22 January 2004, UV OS Flint, Jr.; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America New Zealand)  
*Edpercivalia spaini* AG McFarlane, 1973 : AU (New Zealand)  
*Edpercivalia tahatika* JB Ward, 2005 : AU (Male described originally near *Edpercivalia banksiensis* (AG McFarlane) Holotype--Male; NEW ZEALAND: Southland, Pourakino River, 21178 54340 80 m, 12 January 1994, JB Ward; pinned; deposited in the Canterbury Museum, Christchurch 8001, New Zealand New Zealand)  
*Edpercivalia thomasoni* (AG McFarlane, 1960) : AU (New Zealand)  
*Notiobiosis thomasoni* AG McFarlane, 1960

## ***Electragapetus* G Ulmer, 1912**

### **subgenus *Electragapetus* G Ulmer, 1912**

#### **subgenus *Eoagapetus* AV Martynov, 1934**

*Electragapetus (Eoagapetus) kuriensis* M Kobayashi, 1987 (Japan)  
*Electragapetus (Eoagapetus) martynovi* TS Vshivkova & TI Arefina, 1996 (Russia(Ussuri region))  
*Electragapetus (Eoagapetus) mayaensis* M Kobayashi, 1982 (Japan)  
*Electragapetus (Eoagapetus) praeteritus* (AV Martynov, 1934) (Reported in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))  
*Eoagapetus praeteritus* AV Martynov, 1934  
*Electragapetus (Eoagapetus) tsudai* HH Ross, 1951 (Japan)  
*Electragapetus (Eoagapetus) uchidai* M Kobayashi, 1982 (Japan)

## ***Enoicyla* P Rambur, 1842**

*Enoicyla costae* R McLachlan, 1876 (Italy)  
*Enoicyla pusilla* H Burmeister, 1839 (As senior synonym, FCJ Fischer, 1969, Trich Cat 10: 214-219)

Distribution, population dynamics, phenology by DJL Harding, 1998, Appl Soil Ecol 9(1-3): 203-208

Distribution in Denmark by P Wiberg-Larsen, 2001, Flora og Fauna 107(1): 29-35

Host of parasitoid *Apanteles (Choeras) gielisi* n sp (Hymenoptera: Braconidae) according to C van Achterberg, 2002, Zoologische Mededelingen (Leiden) 76(1-16): 53-60

Reported from Germany (Hesse) by H-J Fluegel & R Angersbach, 2003, Nachrichten des Entomologischen Vereins Apollo 24(1-2): 79-81

Host of parasitoid *Diadegma (Nythobia) trichopterorum* (Hymenoptera: Ichneumonidae) according to K Horstmann, 2004, Zeitschrift der Arbeitsgemeinschaft Oesterreichischer Entomologen 56(1-2): 13-35



Reported from Spain as *Enoicyla pusilla* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Germany)

Syn.: *Dromophila montana*, 1850

Syn.: *Enoicyla sylvatica* P Rambur, 1842

*Enoicyla reichenbachii* (F Kolenati, 1848) (Recorded from Vogelsberg Mountains (Germany) by H Christl, M Roesch, & B Wolf, 2000, Lauterbornia 38: 19-21

Male genitalia and wings described by G Moretti, F Cianficconi, G Campadelli, & G Crudelle, 2001 ("1999"), Boll Ist Ent "G Grandi" Univ, Bologna 53: 61, 63, f 2-7 Germany)

*Ptyopteryx reichenbachii* F Kolenati, 1848

Syn.: *Enoicyla amoena* HA Hagen, 1864

### ***Enoicylopsis* L Navas, 1917**

*Enoicylopsis peyerimhoffi* L Navas, 1917 (Algeria)

### ***Eobrachycentrus* GB Wiggins, 1965**

*Eobrachycentrus gelidae* GB Wiggins, 1965 : NA (United States of America)

*Eobrachycentrus niigatae* (M Kobayashi, 1968) (Japan)

*Brachycentrus niigatae* M Kobayashi, 1968

*Eobrachycentrus propinquus* GB Wiggins, K Tani, & K Tanida, 1985 (Japan)

*Eobrachycentrus vernalis* (N Banks, 1906) (Japan)

*Brachycentrus vernalis* N Banks, 1906

### ***Eocosmoecus* GB Wiggins & JS Richardson, 1989**

*Eocosmoecus frontalis* (N Banks, 1943) : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Canada)

*Drusinus frontalis* N Banks, 1943

Syn.: *Dicosmoecus aureoventris* JJ Davis, 1950

*Eocosmoecus schmidi* (GB Wiggins, 1975) : NA (Canada)

*Dicosmoecus schmidi* GB Wiggins, 1975

### ***Eoneureclipsis* DE Kimmins, 1955**

*Eoneureclipsis akrichalakchmi* F Schmid, 1972 : OL (India)

*Eoneureclipsis alekto* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Eoneureclipsis limax* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Eoneureclipsis nykteus* H Malicky & J Nawwong, 2004 : OL (Male described originally Holotype-- Male; Thailand: Phrae Province, Wieng Ko Sai National Park, lower Nam Panjaen, 17\*56'N, 99\*34'E, 295 m, 22-23-7-2002, leg J Naewong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Eoneureclipsis pravrisija* F Schmid, 1972 : OL (Myanmar)

*Eoneureclipsis quangi* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Eoneureclipsis querquobad* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Eoneureclipsis sebulon* H Malicky, 2009 : OL (Male described originally near *Eoneureclipsis pravrisija* F Schmid Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-19-- m, 20\*12'N, 104\*01'E, 17-v-3-vi-2007, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Eoneureclipsis tieni* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Eoneureclipsis varsikiyja* F Schmid, 1972 : OL (India)

### ***Eosericoctoma* F Schmid, 1955**

*Eosericrostoma aequispinum* F Schmid, 1955 : NT (Chile)  
*Eosericrostoma inaequispinum* F Schmid, 1955 : NT (Chile)

***Erichorema* JB Ward, RAB Leschen, BJ Smith, & JC Dean, 2004**

*Erichorema basale* JB Ward, RAB Leschen, BJ Smith, JC Dean, 2004 : AU (Male described originally Holotype--Male; New Zealand: Fiordland, Secretary Island, Mount Grono, 920 m, NZMS260 metric grid sheet B42 360316 (45°16'06"S, 166°57'20"E), 12 October 2001, swept from sloping seepage in low alpine grass and shrubs, collector Eric Edwards; in 80% alcohol, right wings mounted dry on slide number 407; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

***Ernodes* HDJ Wallengren, 1891**

*Ernodes abanticus* F Cakin, 1983 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40)

Diagnostic characters discussed by F Sipahiler, 2008, *Aquatic Insects* 30(4): 305 ff, figs Turkey)

*Ernodes anatolicus* F Cakin, 1983 (Diagnostic characters discussed by F Sipahiler, 2008, *Aquatic Insects* 30(4): 305 ff, figs Turkey)

*Ernodes articularis* (FJ Pictet, 1834) (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 289)

Redlisted in Sweden according to B Gullefors, 2002, *Entomol Tidskr* 123(3): 134

Larval diagnosis by P Wiberg-Larsen, 1979, *Entomol Scand* 10(2): 12-18, f 2C, 3C, 3F, 4C, 4F, 5B, 5D, 6C, 6D

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, *Proc Internatn Symp Trichoptera* 11: 91-99

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Switzerland)

*Rhyacophila articularis* FJ Pictet, 1834

Syn.: *Beraea martynovi*, 1955

*Ernodes botosaneanui* F Vaillant, 1982 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France)

*Ernodes digitatus* AV Martynov, 1918 (Georgia)

*Ernodes dirginensis* F Sipahiler, 1998 (Listed from northwestern Turkey as *Ernodes dirgenensis* by F Sipahiler, 2007, *Braueria* 34: 40 Turkey)

*Ernodes kakofonix* H Malicky, 1979 (Greece (Crete))

*Ernodes macahelensis* F Sipahiler, 1997 (Turkey)

*Ernodes malickyi* F Sipahiler, 2001 (Described originally also from France Holotype--XXX?; SPAIN: Cordillera Cantabrique, Sierra de Aralar Spain)

*Ernodes nigroauratus* ME Mosely, 1930 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

*Ernodes nigroauratus romaniulus* G Moretti, F Cianficconi, G Campadelli, & G Crudelle, 2001 (~*nigroauratus* ME Mosely, 1930, *Eos* 6: 149, 156-158, 182, f 18-23)

*Ernodes nigroauratus siculus* H Malicky, 1981 (

~*nigroauratus* ME Mosely, 1930, *Eos* 6: 149, 156-158, 182, f 18-23)

*Ernodes orduensis* F Sipahiler, 2008 (Turkey)

*Ernodes palpatus* (AV Martynov, 1909) (Georgia)

*Beraea palpatus* AV Martynov, 1909

*Ernodes rizeiensis* F Sipahiler, 1987 (Turkey)

*Ernodes saltans* AV Martynov, 1913 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Georgia)

*Ernodes skipetarum* H Malicky, 1986 (Bosnia)

*Ernodes vicinus* (R McLachlan, 1879) (Germany, Bosnia ("Carniola, Carinthia"), Switzerland)

*Beraea vicinus* R McLachlan, 1879

*Ernodes wolfgangjoosti* W Mey, 2004 (Male described originally near *Ernodes palpatus* (AV Martynov) Holotype--Male; Armenia: Asat bei Chuts, kleiner Nebenbach, 4-vii-1985, leg R Jung; deposited in the Museum of Natural History (Museum fuer Naturkunde), Berlin, Germany Armenia)

***Erotosis* R McLachlan, 1877**

*Erotosis baltica* R McLachlan, 1877 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 281 Finland)

*Erotosis japonica* M Iwata, 1930 (Japan)

*Erotosis schachti* H Malicky, 1982 (Spain)

***Ethochorema* A Neboiss, 1977**

*Ethochorema brunneum* (ME Mosely, 1953) : AU (Australia)

*Taschorema brunneum* ME Mosely, 1953

*Ethochorema hesperium* (A Neboiss, 1962) : AU (Australia)

*Taschorema hesperium* A Neboiss, 1962

*Ethochorema kelion* A Neboiss, 1977 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 47 Holotype--Male; Australia: Tasmania, Condominion Creek, 15 Feb 1971; deposited in the Museum of Victoria (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 47) Australia (Tasmania))

*Ethochorema nesydrion* (A Neboiss, 1962) : AU (Australia)

*Taschorema nesydrion* A Neboiss, 1962

*Ethochorema ochraceum* (ME Mosely, 1953) : AU (Australia)

*Taschorema ochraceum* ME Mosely, 1953

*Ethochorema secutum* A Neboiss, 1977 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 47-48 Australia (Tasmania))

*Ethochorema turbidum* (A Neboiss, 1962) : AU (Australia)

*Taschorema turbidum* A Neboiss, 1962

***Eubasilissa* AV Martynov, 1930**

*Eubasilissa alaknanda* F Schmid, 1962 : OL (India)

*Eubasilissa asiatica* (C Betten, 1909) : OL (India)

*Neuronia asiatica* C Betten, 1909

*Eubasilissa asiatica suborientalis* F Schmid, 1962 ( ~asiatica (C Betten, 1909, Rec Ind Mus 3: 242, pl 18 f 13-14), Neuronia)

*Eubasilissa avalokhita* F Schmid, 1962 : OL (India)

*Eubasilissa avalokhita naga* F Schmid, 1962 ( ~avalokhita F Schmid, 1962, Bull Soc vaud Sci nat 68: 157, f 2-10)

*Eubasilissa chomolhari* F Schmid, 1962 : OL (India)

*Eubasilissa fo* F Schmid, 1959 : OL (China (Yunnan))

*Eubasilissa imperialis* (W Nakahara, 1915) (Japan)

*Phryganea imperialis* W Nakahara, 1915

*Eubasilissa laotzi* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Eubasilissa maclachlani* (A White, 1862) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86, and by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

*Holostomis maclachlani* A White, 1862

Syn.: *Neuronia imperialis* , 1916

*Eubasilissa mandarina* F Schmid, 1959 (China (Tapaishan - Shaanxi))

*Eubasilissa morsei* W-F Yang & L-F Yang, 2006 (China (Shaanxi))  
*Eubasilissa rahtkirani* F Schmid, 1965 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
Syn.: *Eubasilissa nepalensis* S Kuwayama, 1970  
*Eubasilissa regina* (R McLachlan, 1871) : OL (Described originally as *Holostomis maclachlani* var *regina*)

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)  
*Holostomis regina* R McLachlan, 1871  
Syn.: *Neuronia reginella* W Nakahara, 1913  
*Eubasilissa signata* GB Wiggins, 1998 (Korea)  
*Eubasilissa sinensis* F Schmid, 1959 : OL (China (Yunnan))  
*Eubasilissa splendida* W-F Yang & L-F Yang, 2006 (China (Xizang))  
*Eubasilissa tibetana* AV Martynov, 1930 : OL (China (Tibet))  
*Eubasilissa wigginsi* SK Ghosh & M Chaudhury, 1987 : OL (Incertae sedis according to GB Wiggins, 1998, Caddisfl Fam Phryganeidae, p 240 India)

#### ***Eutonella* F Mueller, 1921**

*Eutonella peltopsychoides* F Mueller, 1921 : NT (Brazil)

#### ***Evanophanes* N Banks, 1940**

*Evanophanes insignis* N Banks, 1940 : OL (Photograph of male by W Mey & L Yang, 2001, Entomol Zeitschr 111(3): 86, f 47 China (Sichuan))

#### ***Fabria* LJ Milne, 1934**

*Fabria inornata* (N Banks, 1907) : NA (Reported from West Virginia by DC Tarter, 1999, Entomol News 110(1): 51-52 United States of America)  
*Neuronia inornata* N Banks, 1907

#### ***Fansipangana* W Mey, 1996**

*Fansipangana vernalis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

#### ***Farula* LJ Milne, 1936**

*Farula constricta* GB Wiggins & RW Wisseman, 1992 : NA (United States of America)  
*Farula davisii* DG Denning, 1958 : NA (United States of America)  
*Farula geyseri* DG Denning, 1989 : NA (United States of America)  
*Farula honeyi* DG Denning, 1973 : NA (United States of America)  
*Farula jewetti* DG Denning, 1958 : NA (United States of America)  
*Farula malkini* HH Ross, 1950 : NA (United States of America)  
*Farula moweri* DE Ruiter, 2003 : NA (Holotype--Male: USA, California, El Dorado Co, Bridal Veil Falls, Highway 50, above Picnic Area, 14 May 1983, RW Baumann and RC Mower; deposited in California Academy of Sciences, San Francisco, California, United States of America; allotype female and paratype female same data and deposition as holotype United States of America (California))  
*Farula petersoni* DG Denning, 1973 : NA (United States of America)  
Syn.: *Farula wigginsi* DG Denning, 1983  
*Farula praelonga* GB Wiggins & NA Erman, 1987 : NA (United States of America)  
*Farula rainieri* LJ Milne, 1936 : NA (United States of America)  
*Farula reapi* F Schmid, 1968 : NA (United States of America)

#### ***Fattigia* HH Ross & JB Wallace, 1974**

*Fattigia pele* (HH Ross, 1938) : NA (United States of America)

*Notidobia pele* HH Ross, 1938

***Flintiella* EB Angrisano, 1995**

*Flintiella alajuela* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male described originally Holotype--Male; Costa Rica: Alajuela, Rio Pizote, ca 5 km n Dos Rios, 10.948\*N, 85.291\*W, el 40 m, 9-III-1986, Holzenthal & Fasth; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Flintiella andreae* EB Angrisano, 1995 : NT (Male and female redescribed by SC Harris, OS Flint, & RW Holzenthal, 2002, J New York Entomol Soc 110(1): 75, 77, f 6, 13 Uruguay)

*Flintiella astilla* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male and female described originally Holotype--Male; Venezuela: Amazonas, Rio Cataniapo, 10 km S Puerto Ayacucho, 9-III-1984, O Flint; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Flintiella boraceia* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male described originally Holotype--Male; Brazil: Sao Paulo, Estacion Biologica Boraceia, 17-III-1983, C Froehlich; deposited in the Museum of Zoology, Universidade de Sao Paulo, Brazil Brazil)

*Flintiella heredia* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male and female described originally Holotype--Male; Costa Rica: heredia, Rio Bijagual on road to Magsasay, 10.408\*N, 84.076\*W, el 140 m, 12-II-1986, Holzenthal, Morse, Fasth; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Flintiella manauara* APM Santos & JL Nessimian, 2009 : NT (Male and female described originally near *Flintiella boracea* SC Harris, OS Flint, and RW Holzenthal and *Flintiella astilla* SC Harris, OS Flint, and RW Holzenthal Holotype--Male; BRAZIL: Amazonas, tributary to Rio Branquinho, 02\*31'24.6"S, 60\*20'05.3"W, 25-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in the Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Flintiella panamensis* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male described originally Holotype--Male; Panama: Panama, Barro Colorado Island, Snyder-Molino trail, marker 3, 15-21-VI-1988, light trap I, H Wolda; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Flintiella pizotensis* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male and female described originally Holotype--Male; Costa Rica: Limon, Rio Telire and small tributaries SE Suretka, 9.554\*N, 82.892\*W, el 48 m, 1-II-1986, Holzenthal, Morse, Fasth; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Flintiella tamaulipasa* SC Harris, OS Flint, & RW Holzenthal, 2002 : NA (Male and female described originally Holotype--Male; Mexico: Tamaulipas, Rio Frio at La Poza Azul, near Gomez Farias, 18-v-1989, Harris & Contreras; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Tamaulipas))

*Flintiella yanamona* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (Male described originally Holotype--Male; Peru; Loreto, small stream near Explorama Lodge, 10-I-1997, L Davenport; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

***Frenesia* C Betten & ME Mosely, 1940**

*Frenesia difficilis* (F Walker, 1852) : NA (Canada)

*Limnephilus difficilis* F Walker, 1852

Syn.: *Chilostigma pallidum* N Banks, 1899

Syn.: *Cryptothrix coagulatus* L Provancher, 1877

*Frenesia missa* (LJ Milne, 1935) : NA (Life cycle and development in temporary spring reported by ML Mathis, 1999, P Internatn Symp Trich 9: 217-226)

Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, Can J Zool 81: 1083-1095 (United States of America)

*Chilostigma missa* LJ Milne, 1935

***Fumonta* HH Ross, 1956**

*Fumonta major* (N Banks, 1914) : NA (United States of America)  
*Dolophilus major* N Banks, 1914

### ***Ganonema* R McLachlan, 1866**

*Ganonema brevicellum* G Ulmer, 1926 : OL (China (Guangdong))  
*Ganonema circulare* F Schmid, 1959 : OL (China ("Li-Kiang" Yunnan))  
*Ganonema delios* H Malicky & T Prommi, 2000 : OL (Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Kaew Thailand)  
*Ganonema dracula* H Malicky & P Chantaramongkol, 1994 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Thailand)  
*Ganonema extensum* AV Martynov, 1935 : OL (Diagnosis by SJ Park & YJ Bae, 1998, Korean J Syst Zool 14(4): 368

Distribution, morphology, development, diet, and population dynamics by D Dudgeon, 1999, P Internatn Symp Trich 9: 83-91

Reported from Indonesia (Kalimantan) by H Malicky, 2008, Linzer Biologische Beitrage 40(1): 852  
Russia (southern Far East)

*Ganonema falcatum* (N Banks, 1913) : OL (Reported from additional localities in Sri Lanka by J Olah & KA Johanson, 2010, Zootaxa 2457: 8 Sri Lanka)

*Asotocerus falcatum* N Banks, 1913

Syn.: *Ganonema elyakatuwa* F Schmid, 1958

*Ganonema flexuosum* (AV Martynov, 1936) : OL (India)

*Asotocerus flexuosum* AV Martynov, 1936

*Ganonema formosae* M Iwata, 1928 : OL (Taiwan)

*Ganonema fuscipenne* (H Albarda, 1881) : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39: 499

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Java, Sumatra), as *Ganonema fuscipenne*, according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Indonesia (Sumatra)

*Asotocerus fuscipenne* H Albarda, 1881

Syn.: *Ganonema brunneum* G Ulmer, 1905

*Ganonema longipenne* AV Martynov, 1930 : OL (India)

*Ganonema malickyi* J Olah & KA Johanson, 2010 : OL (Male described originally near *Ganonema rong*, J Olah & KA Johanson Holotype--Male; THAILAND: Chiang Mai, Sirifum waterfall, 18°48.9'N, 098°53.0'E, 20-v-1996 [TW Donnelly]; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Thailand)

Syn.: *Ganonema elyakatuwa* F Schmid, 1958

*Ganonema neurodes* L Navas, 1917 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Vietnam)

*Ganonema ochraceillum* (R McLachlan, 1866) : OL (Reported from Bhutan as *Ganonema fuscipenne* (H Albarda) by H Malicky, 2007, Linzer biol Beitr 39: 499

Listed from Indonesia (Sumatra) as *Ganonema fuscipenne* (H Albarda) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Java, Sumatra), as *Ganonema fuscipenne*, according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Male redescribed, reported from Indonesia (Kalimantan) by H Malicky, 2008, Linzer Biologische Beitrage 40(1): 852, pl 22

Male variation described, reported from India (South, North), Myanmar, Thailand, Laos, Vietnam, Malaysia (Peninsular, Sabah), Indonesia (Kalimantan, Java) by J Olah & KA Johanson, 2010, Zootaxa 2457: 10-11

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 26  
Indonesia (Kalimantan))

*Asotocerus ochraceellum* R McLachlan, 1866

Syn.: *Asotocerus fuscipennis* H Albarda, 1881

Syn.: *Ganonema brunneum* G Ulmer, 1905

*Ganonema pallicorne* R McLachlan, 1866 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Ganonema rong* J Olah & KA Johanson, 2010 : OL (Male described originally near *Ganonema circulare* F Schmid Holotype--Male; VIETNAM: Tam Dao, sweep net along left side small tributary of main stream, 10-v-1987 [J Olah]; in alcohol; deposited in the J Olah Private Collection, under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Ganonema sinuatum* (AV Martynov, 1936) : OL (India)

*Asotocerus sinuatum* AV Martynov, 1936

*Ganonema uchidai* M Iwata, 1930 (Larva and case described originally

Considered a synonym of *Asotocerus nigripennis* S Kuwayama by K Tanida, 2005, in T Kawai & K Tanida, Aquatic Insects of Japan, pp 554-555

Reinstated as a valid name by T Nozaki & K Tanida, 2010, Biology of Inland Waters 25: 97 Japan)

Syn.: *Asotocerus nigripennis* S Kuwayama, 1930

*Ganonema umbrosum* (N Banks, 1916) : OL (Philippines)

*Asotocerus umbrosum* N Banks, 1916

### ***Gastrocentrella* G Ulmer, 1951**

*Gastrocentrella unica* G Ulmer, 1951 : OL (Redescribed male and female from Vietnam (Tuyen Quang, Gia Lai) by BJ Armitage & TI Arefina, 2004 ("2003"), Pan-Pac Entomol 79(2): 109-110, f 6-7

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

### ***Gastrocentrides* G Ulmer, 1930**

*Gastrocentrides evansi* ME Mosely, 1939 : OL (Myanmar)

*Gastrocentrides sumatranus* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra), as *Gastrocentrides sumatrana*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Indonesia (Sumatra))

### ***Georgium* FCJ Fischer, 1964**

*Georgium japonicum* (G Ulmer, 1905) (Transferred from *Rhabdoceras* to *Georgium* by FCJ Fischer, 1964, Trichopterorum Catalogus, p 106

Distribution, morphology, development, diet, population dynamics, larva described by D Dudgeon, 1999, P Internatn Symp Trich 9: 83-91

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Rhabdoceras japonicum* G Ulmer, 1905

Syn.: *Anabolia kawamurai* M Iwata, 1927

Syn.: *Ganonema japonica* M Iwata, 1928

*Georgium kandaules* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Khampaeng Phet Province, Klong Lan National Park, Namtok Klong Lan, 310 m, 16°07'N, 99°16'E, 7-8-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

### ***Glossosoma* J Curtis, 1834**

#### **subgenus *Glossosoma* J Curtis, 1834**

*Glossosoma (Glossosoma) aequale* N Banks, 1940 : OL (Male redescribed and female described from China (Sichuan) by JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 290, 292, f 22-31 Holotype--Male; CHINA: Sichuan, Beh Luh Din, 30 miles north of Chengdu, 7-28-viii [year unknown], 1830 m; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 292) China (Sichuan))

*Glossosoma (Glossosoma) agarenorum* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

Syn.: *Glossosoma persicum* S Jacquemart, 1965

*Glossosoma (Glossosoma) anale* AV Martynov, 1931 : OL (Male redescribed from China (Sichuan) by JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 292, f 32-38, 84 Holotype--Male; CHINA: Sichuan, Shin Kai Si, Emei Mountain, 1340 m, 1-27-vii-1922; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 292) China (Sichuan))

*Glossosoma (Glossosoma) atrichum* HH Ross, 1956 : OL (Malaysia (Sabah))

*Glossosoma (Glossosoma) baclava* H Malicky, 1972 (probably Turkey ("Asia Minor"))

*Glossosoma (Glossosoma) bifidum* McLachlan, 1879 (Larval abdominal sclerite morphology described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1999, Bol Asociacion Esp Entomol 23(1-2): 23

*Glossosoma bifidum* McLachlan, 1879 (Rev Syn European Trich p 472) is a nomen nudum according to JC Morse & L Yang, 2003, Braueria 30: 30;

If *Glossosoma bifidum* McLachlan, 1879, was published conditionally, it is a valid name according to H Malicky, 2003, Braueria 30: 30

Male refigured by H Malicky, 2003, Braueria 30: 39 Switzerland)

Syn.: *Glossosoma beaumonti* F Schmid, 1947

*Glossosoma (Glossosoma) boltoni* J Curtis, 1834 (Larval abdominal sclerite morphology described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1999, Bol Asociacion Esp Entomol 23(1-2): 23;

Reported from southwestern Hungary by S Nogradi & A Uherkovich, 2002, Somogyi Muzeumok Kozlemenyei 15, Supplement Termeszettudomány: 129-144

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Glossosoma fimbriatum* JF Stephens, 1836

Syn.: *Glossosoma serotinum* L Navas, 1930

Syn.: *Rhyacophila decolorata* FJ Pictet, 1834

Syn.: *Rhyacophila vernalis* FJ Pictet, 1834

Syn.: *Tinodes obscurus* JF Stephens, 1836

*Glossosoma (Glossosoma) breve* JC Morse & L-F Yang, 2005 : OL (China (Gansu))

*Glossosoma (Glossosoma) bukitanum* H Malicky, 1978 : OL (Reported from Indonesia (Sumatra), as *Glossosoma bukitanum*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179



New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 26

Reported from Indonesia (Sumatra) as *Glossosoma bukitana* by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Glossosoma (Glossosoma) bunae* M Marinkovic-Gospodnetic, 1988 (Yugoslavia)

*Glossosoma (Glossosoma) capitatum* AV Martynov, 1913 (Georgia)

*Glossosoma (Glossosoma) caudatum* AV Martynov, 1931 (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 China (Omei Shan))

*Glossosoma (Glossosoma) conforme* A Neboiss, 1963 (Larval abdominal sclerite morphology described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1999, Bol Asociacion Esp Entomol 23(1-2): 23

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Male refigured by Malicky, 2003, Braueria 30: 39, fig

Species epithet should be spelled *Glossosoma conformis* according to H Malicky (personal communication, 2008)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Confirmed from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

Syn.: *Glossosoma boltoni* R McLachlan, 1879

*Glossosoma (Glossosoma) dentatum* R McLachlan, 1875 : OL, PA (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 "Habitat prope Maracandam" Uzbekistan)

*Glossosoma (Glossosoma) dentatum akhandam* F Schmid, 1971 (

~*dentatum* R McLachlan, 1875, Reise Turkestan Fedtschenko, Neuroptera p 43, pl 4 f 4-4b)

*Glossosoma (Glossosoma) develi* H Malicky, 1972 (probably Turkey("Asia Minor"))

*Glossosoma (Glossosoma) discophorum* F Klapalek, 1902 (Male refigured by H Malicky, 2003, Braueria 30: 39 Balkans)

*Glossosoma (Glossosoma) elongifurcum* JC Morse & L-F Yang, 2005 : OL (China (Yunnan))

*Glossosoma (Glossosoma) elvisso* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Glossosoma (Glossosoma) femminamorta* H Malicky, 2010 (Male described near *Glossosoma conforme* A Neboiss Holotype--Male; [ITALY: Sicily] Sizilien, Torrente Tordi S von Portella Femmina Morta, 37°52'N, 014°38'E, 1330 m, 11-vi-1982, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Italy (Sicily))

*Glossosoma (Glossosoma) fissum* AV Martynov, 1935 : OL (Described originally as a subspecies of *Glossosoma caudatum* AV Martynov, 1931, P US Mus 79 art 25: 3-4, pl 1 f 8-11

Reported as *Glossosoma fissum* from Kumaon Hills (Nanda Devi Biosphere Preserve, India) by M Mazumdar, 1997, in JRB Alfred, Zool Survey of India, Calcutta, p 89-90

Female described from West Bengal, India, by SK Ghosh & M Chaudhury, 1999, Trichoptera, in Fauna of West Bengal, Part 8: Insecta (Trichoptera, Thysanoptera, Neuroptera, Hymenoptera, and Anoplura), Zoological Survey of India, page 15, figs

Reported from Nepal as *Glossosoma fissum* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Glossosoma (Glossosoma) hazbanicum* L Botosaneanu, 1971 (Israel)  
*Glossosoma (Glossosoma) jentumar* H Malicky & P Chantaramongkol, 1992 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Thailand)  
*Glossosoma (Glossosoma) kerambos* H Malicky, 2004 : OL (Male described originally near *Glossosoma bukitana* and *Glossosoma malayanum* Holotype--Male; Indonesia: Jawa Timur, Coban Talun bei Tulungrejo, 1300 m, 7\*48'S, 112\*31'E, 30-iv-2003, leg Malicky; deposited in the H Malicky collection, Lunz and See, Austria Indonesia (Java Timor))  
*Glossosoma (Glossosoma) kirke* H Malicky, 2003 (Greece)  
*Glossosoma (Glossosoma) klotho* H Malicky, 2003 (Greece)  
*Glossosoma (Glossosoma) malayanum* N Banks, 1934 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Malaysia (Peninsular))

*Glossosoma (Glossosoma) melikertes* H Malicky, 2003 (Greece)  
*Glossosoma (Glossosoma) moselyi* DE Kimmins, 1953 : OL (India)  
*Glossosoma (Glossosoma) neretvae* M Marinkovic-Gospodnetic, 1988 (Yugoslavia)  
*Glossosoma (Glossosoma) orientale* DE Kimmins, 1953 : OL (Myanmar)  
*Glossosoma (Glossosoma) penitum* N Banks, 1914 : NA (United States of America)  
*Glossosoma (Glossosoma) privatum* R McLachlan, 1884 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1999, Bol Asociacion Esp Entomol 23(1-2): 15-23 Portugal)

Syn.: *Glossosoma lingulatum* L Navas, 1932

*Glossosoma (Glossosoma) serravalle* H Malicky & W Graf, 2004 (Male described originally very near *Glossosoma boltoni*

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Umbrien, Serravalle di Cascia (Spoleto), 7-xi-1966, leg & ded Moretti; deposited in the H Malicky collection, Lunz am See, Austria Italy)

*Glossosoma (Glossosoma) spinosum* JC Morse & L-F Yang, 2005 : OL (China (Yunnan))

*Glossosoma (Glossosoma) spoliatum* R McLachlan, 1879 (Pyrenees)

Syn.: *Glossosoma aestivum* L Navas, 1930

Syn.: *Glossosoma biarcuatum* L Navas, 1930

Syn.: *Glossosoma dusmeti* L Navas, 1920

Syn.: *Glossosoma guayentinum* L Navas, 1925

Syn.: *Glossosoma loustaloti* L Navas, 1932

Syn.: *Glossosoma pyrenaica* ME Mosely, 1935

*Glossosoma (Glossosoma) subaequale* F Schmid, 1971 (China (Shanxi))

*Glossosoma (Glossosoma) timurense* AV Martynov, 1927 (Kazakhstan)

*Glossosoma (Glossosoma) tripartitum* F Schmid, 1971 : OL (China (Fujian))

*Glossosoma (Glossosoma) tunceliense* F Sipahiler, 1987 (Turkey)

*Glossosoma (Glossosoma) unguiculatum* AV Martynov, 1925 (Georgia)

*Glossosoma (Glossosoma) valvatum* G Ulmer, 1926 : OL (China (Guangdong))

#### **subgenus *Lipoglossa* AV Martynov, 1930**

*Glossosoma (Lipoglossa) abhikhara* F Schmid, 1959 : OL (Pakistan)

*Glossosoma (Lipoglossa) abhisares* F Schmid, 1971 : OL (India)

*Glossosoma (Lipoglossa) adunatum* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Zhe-jiang Province, Qin-yuan County (27.6, E119.0) Bai-shan-zu, Cha-mei-yu, 1300 m elevation, 25 April 1994, Coll WU Hong; deposited in Nanjing Agricultural University China (Zhe-jiang))

*Glossosoma (Lipoglossa) ambhi* F Schmid, 1959 : OL (Pakistan)

*Glossosoma (Lipoglossa) anakemei* H Malicky, 1995 : OL (China (Sichuan))

*Glossosoma (Lipoglossa) anakgunung* H Malicky, 1995 : OL (China (Sichuan))

*Glossosoma (Lipoglossa) anaktana* H Malicky, 1995 : OL (China (Sichuan))

*Glossosoma (Lipoglossa) atchintitam* F Schmid, 1971 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 India)

*Glossosoma (Lipoglossa) atreju* H Malicky, 1986 : OL (Afghanistan)

*Glossosoma (Lipoglossa) aveletum* HH Ross & C Hwang, 1953 : OL (Male and female redescribed by L Yang and JC Morse, 2002, Proc Internatn Symp Trich 10: 256-257, f 2-10 China (Sichuan))

*Glossosoma (Lipoglossa) balephiana* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Glossosoma (Lipoglossa) burmanum* DE Kimmins, 1953 : OL (Myanmar)

*Glossosoma (Lipoglossa) chelotion* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Zhe-jiang Province, An-ji Xi-an (N30.6, E119.6), long-wang Shan, 490-550 m elevation, 10 May 1996, Coll WU Hong; deposited in Nanjing Agricultural University China (Zhe-jiang))

*Glossosoma (Lipoglossa) dirghakantakam* F Schmid, 1971 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 India)

*Glossosoma (Lipoglossa) disparile* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Shaan-xi Province, Ning-shan County, (N33.3, E108.3), Huo-di-tang Forest Farm, Huo-di-guo, 1900 m elevation, 5 June 1998, Coll J MORSE (sweep); deposited in Nanjing Agricultural University China (Shaan-xi))

*Glossosoma (Lipoglossa) elachys* L Yang and JC Morse, 2002 : OL (Holotype--Male; Si-chuan Province, Ying-jing County (N29.8, E102.8) HNi-ba Shan, 2250 m elevation, 17 June 1996, Coll YANG Lian-fang; deposited in Nanjing Agricultural University China (Sichuan))

*Glossosoma (Lipoglossa) heliakreya* F Schmid, 1959 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Glossosoma (Lipoglossa) himalayanum* (AV Martynov, 1930) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Tibet)

*Lipoglossa himalayanum* AV Martynov, 1930

*Glossosoma (Lipoglossa) hissaricum* VD Ivanov, 1992 (Tajikistan)

*Glossosoma (Lipoglossa) kelleyi* HH Ross, 1956 : OL (Male redescribed by L Yang and JC Morse, 2002, Proc Internatn Symp Trich 10: 269, 272, f 66-71 Holotype--Male; China: Si-chuan, Tu-pa-keo, 2255 m elevation, 4-IX-1929, Coll STEVENS; deposited in Field Museum, Chicago, Illinois, United States of America (L Yang and JC Morse, 2002, Proc Internatn Symp Trich 10: 272) China (Sichuan))

Syn.: *Glossosoma minutum* N Banks, 1947

*Glossosoma (Lipoglossa) kissottoi* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Nepal)

*Glossosoma (Lipoglossa) krichnarunam* F Schmid, 1971 : OL (India)

*Glossosoma (Lipoglossa) lar* H Malicky, 2007 : OL (Male described originally near *Glossosoma balephiana* H Malicky Holotype--Male; BHUTAN: Bumthang, "Heiliger See," E Jakar, 2700 m, 27\*32'N, 90\*48'E, 22--iv-2006, Graf, Lichtfalle, grosser tiefer Bach in felsigem Gelaende; deposited in NECS, Thimphu Bhutan)

*Glossosoma (Lipoglossa) mirabile* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Zhe-jiang Province, An-ji County (N30.6, E119.6), Long-wang Shan, 490-550 m elevation 7-11 April 1996, Coll WU Hong; deposited in Nanjing Agricultural University China (Zhe-jiang))

*Glossosoma (Lipoglossa) nigroroseum* F Schmid, 1971 : OL (India)

*Glossosoma (Lipoglossa) phyllon* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Shaan-xi Province, Ning-shan County (N33.3, E108.3), Xun-yang-ba town, Xiang-tan-gou, 1600 m elevation, 6 June 1998, Col DU Yu-zhou; deposited in Nanjing Agricultural University China (Shaan-xi))

*Glossosoma (Lipoglossa) shaanxiense* L Yang and JC Morse, 2002 (Male described originally Holotype--Male; Shaan-xi Province, Zhou-zhi County (N34.1, E102.8), Hou-gou, 1250 m elevation, 2 June 1998, Coll YANG Lian-fang; deposited in Nanjing Agricultural University China (Shaan-xi))

*Glossosoma (Lipoglossa) shugnanicum* VD Ivanov, 1992 (Tajikistan)

*Glossosoma (Lipoglossa) sinuatum* L Yang & JC Morse, 2010 : OL (*Glossosoma bifidum* R McLachlan is a valid species according to H Malicky, 2003, Braueria 30: 30, such that *Glossosoma bifidum* L Yang and JC Morse, 2002, is a homonym

Replacement name provided for homonym *Glossosoma bifidum* L Yang & JC Morse Holotype--Male; Si-chuan, E-mei-he, 8 km W of Jin-shui, 1080 m elevation, 1 July 1990, Coll J Morse and Yang Lian-fang; deposited in Nanjing Agricultural University China (Sichuan))

Syn.: *Glossosoma bifidum* L Yang and JC Morse, 2002

*Glossosoma (Lipoglossa) tortum* L Yang and JC Morse, 2002 : OL (Male described originally Holotype--Male; Si-chuan Province, E-mei-he, 8 km W of Jin-shui, 1080 m elevation, 1 July 1990, Coll J MORSE and yANG Lian-fang; deposited in Nanjing Agricultural University China (Sichuan))

*Glossosoma (Lipoglossa) vaneyam* F Schmid, 1971 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

**subgenus Muroglossa HH Ross, 1956**

*Glossosoma (Muroglossa) acuminatum* JC Morse & L Yang, 2005 : OL (Male described originally, near *Glossosoma (Muroglossa) kamarasikam* F Schmid Holotype--Male; CHINA: Yunnan Province, Jinping County (22.8\*N, 103.3\*E), Adeboxiang, Kunhecun, Kunhe, 1450 m asl, 19-vii-1990, Coll Li You-wen; deposited in the insect collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China)

*Glossosoma (Muroglossa) ali* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Glossosoma (Muroglossa) atestas* H Malicky & P Chantaramongkol, 1992 : OL (Male redescribed and female described from China (Sichuan, Yunnan) by JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 287-289, f 9-16

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495

Holotype--Male; INDIA: Himachal Pradesh, LagTai NW Luliu, 1500 m, 23-x-1990; deposited in the Naturhistorisches Museum Basel, Switzerland (JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 287) India)

*Glossosoma (Muroglossa) atitto* H Malicky & P Chantaramongkol, 1992 : OL (Male redescribed from China (Yunnan) by JC Morse & L Yang, 2005, Proc Internatn Symp Trichoptera 11: 289, f 17-21

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Female that may be this species was reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 492 Thailand)

*Glossosoma (Muroglossa) bahukantakam* F Schmid, 1971 : OL (India)

*Glossosoma (Muroglossa) confluens* DE Kimmins, 1953 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 495 Myanmar)

*Glossosoma (Muroglossa) hemantajam* F Schmid, 1971 : OL (India)

*Glossosoma (Muroglossa) kamarasikam* F Schmid, 1971 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 India)

*Glossosoma (Muroglossa) tuvien* J Olah & H Malicky, 2010 : OL (Male described originally near *Glossosoma hemantajam* F Schmid Holotype--Male; VIETNAM: Lamdong Province, Dalat, Monastery Balcony, 16-x-1988, at light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Glossosoma (Muroglossa) varjakantakam* F Schmid, 1971 : OL (Reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86, and H Malicky, 2007, Linzer biol Beitr 39(1): 495 India)

**subgenus Protoglossa HH Ross, 1956**

*Glossosoma (Protoglossa) kchinam* F Schmid, 1971 : OL (Transferred from subgenus *Lipoglossa* to subgenus *Protoglossa* by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 68-69 India)

*Glossosoma (Protoglossa) sellatum* HH Ross & C Hwang, 1953 : OL (Male redescribed by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 69-70, f 56-61 Holotype--Male; China: Sichuan, Tu-pa-keo, 2,255 m elevation, 4 Sept 1929, coll Stevens; deposited in the Field Museum, Chicago, Illinois, United States of America China (Sichuan))

*Glossosoma (Protoglossa) taeniatum* HH Ross & C Hwang, 1953 : OL (Male redescribed by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 71-72, f 62-70 Holotype--Male; China: Sichuan; deposited in the Field Museum, Chicago, Illinois, United States of America China (Sichuan))

**subgenus Ripaeglossa HH Ross, 1956**

*Glossosoma (Ripaeglossa) alascense* N Banks, 1900 : NA (United States of America)  
*Glossosoma (Ripaeglossa) bruna* DG Denning, 1954 : NA (United States of America)  
*Glossosoma (Ripaeglossa) califica* DG Denning, 1948 : NA (United States of America)  
*Glossosoma (Ripaeglossa) excitum* HH Ross, 1938 : NA (United States of America)  
*Glossosoma (Ripaeglossa) idaho* HH Ross, 1941 : NA (United States of America)  
*Glossosoma (Ripaeglossa) merecum* DG Denning, 1948 : NA (United States of America)  
*Glossosoma (Ripaeglossa) montanum* HH Ross, 1941 : NA (United States of America)  
*Glossosoma (Ripaeglossa) oregonense* S Ling, 1938 : NA (United States of America)  
*Glossosoma (Ripaeglossa) parvulum* N Banks, 1904 : NA (United States of America)  
*Glossosoma (Ripaeglossa) pternum* HH Ross, 1947 : NA (United States of America)  
*Glossosoma (Ripaeglossa) pyroxum* HH Ross, 1941 : NA (United States of America)  
*Glossosoma (Ripaeglossa) schuhi* HH Ross, 1947 : NA (United States of America)  
*Glossosoma (Ripaeglossa) sequoia* DG Denning, 1973 : NA (United States of America)  
*Glossosoma (Ripaeglossa) traviatum* N Banks, 1936 : NA (United States of America)  
*Glossosoma (Ripaeglossa) velonum* HH Ross, 1938 : NA (United States of America)  
*Glossosoma (Ripaeglossa) ventrale* N Banks, 1904 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Glossosoma (Ripaeglossa) wenatchee* HH Ross & GJ Spencer, 1952 : NA (United States of America)

#### **subgenus *Synafophora* AV Martynov, 1927**

*Glossosoma (Synafophora) altaicum* (AV Martynov, 1914) (Male described by T Ito, N Kuhara, Y Ito, 1997, Biol Inland Waters 12: 22, figs

Male and female redescribed by TI Arefina, 2000, Braueria 27: 21-22, f 12-18

Male redescribed, reported from China by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 61, f 5, 26-32

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 56

Female redescribed from Japan (Hokkaido) by N Kuhara, 2007, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 89, f 4J-K

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Holotype--Male; Russia: Altai; probably deposited in the Zoological Institute, St Petersburg, Russia (southwestern Siberia - Altai Mountains))

*Mystrophora altaicum* AV Martynov, 1914

Syn.: *Mystrophora lauta* M Tsuda, 1940

*Glossosoma (Synafophora) angaricum* (IM Levanidova, 1967) (Phenology in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Siberia (Altai, Buryatia, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Russia (central Siberia))

*Mystrophora angaricum* IM Levanidova, 1967

*Glossosoma (Synafophora) dulkeji* (AV Martynov, 1934) (Female redescribed from Japan (Hokkaido) by N Kuhara, 2008, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 87-88, f 4D-E Russia (central eastern Siberia - Great Shantar Island))

*Eomystra dulkeji* AV Martynov, 1934

*Glossosoma (Synafophora) hospitum* (M Tsuda, 1940) (Japan)

*Mystrophora hospitum* M Tsuda, 1940

*Glossosoma (Synafophora) intermedium* (F Klapalek, 1892) : NA, PA (Phenology in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Biomass, water velocity, depth, larval drift, larval and pupal population density by A Fjellheim & GG Raddum, 1998, Internatn Vereinig Theor Angew Limnol Verhandl 26(4): 2048-2052

Diagnostic characters of larva, as *Synaefophora intermedium*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 177

Parasitism by nematode *Pheromermis* by DP Molloy, WS Vinikour, & RV Anderson, 1999, J Invert Pathol 74(1): 89-95

Male redescribed, reported from China by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 61-64, f 25, 33-37

Grazing on conspecific cases reported by JC Cavanaugh, RJ Haro, & SN Jones, 2004, Journal of the North American Benthological Society 23(2): 297-308

Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Syntypes--1 female, 1 male; Bohemia: Mumlava 5, VIII (jedna female), Milnice 14, VIII (jeden male); apparently deposited in the Czech Republic Academy of Sciences, Prague, Czechoslovakia Czech Republic)

*Mystrophora intermedium* F Klapalek, 1892

*Glossosoma (Synaefophora) kiritchenkoi* (AV Martynov, 1927) : PA (Kirghizstan)

*Synaefophora kiritchenkoi* AV Martynov, 1927

*Glossosoma (Synaefophora) lividum* (HA Hagen, 1861) : NA (Canada)

*Tinodes lividum* HA Hagen, 1861

Syn.: *Glossosoma americanum* N Banks, 1897

*Glossosoma (Synaefophora) minutum* (AV Martynov, 1927) : PA (Male redescribed, reported from China by JC Morse & LF Yang, 2004, Proc Entomol Soc Washington 106(1): 64-65, f 4, 24, 38-42

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470, 471 Holotype--Male; Turkestan: vicinities of Kopal, Semiretchje District, 4-5-VI-16, coll W Snitnikov; probably deposited in the Zoological Institute, St Petersburg, Russia Kazakhstan)

*Synaefophora minutum* AV Martynov, 1927

*Glossosoma (Synaefophora) neffi* TI Arefina, 2000 (Reported from Sakhalin Island by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 15-16

Female described from Japan (Hokkaido) by N Kuhara, 2008, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 88, f 4F-I Russia (Khabarovsk Territory)

*Glossosoma (Synaefophora) nichinkata* F Schmid, 1971 (Described originally in subgenus *Synaefophora*, for which Schmid considered *Eomystra* a synonym

Recorded from Japan as *Glossosoma nichinkata* by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Glossosoma (Synaefophora) nigrior* N Banks, 1911 : NA (Larva and pupa and female described and male redescribed by D Wymer and JC Morse, 2000, Entomol News 111(3): 149-158

Host of microsporidian pathogen *Cougourdella* sp. (Protozoa) according to JS Heilveil, SL Kohler, & LF Solter, 2002("2001"), *Great Lakes Entomologist* 34(1): 9-15 United States of America)

Syn.: *Eomystra unica* DG Denning, 1942

*Glossosoma (Synafophora) nylanderii* R McLachlan, 1879 : PA (

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Male redescribed, reported from China by JC Morse & LF Yang, 2004, *Proc Entomol Soc Washington* 106(1): 66, f 23, 43-48

Reported from Siberia (Altai, Chita Region, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Reported from Russia (northern European part, Sakhalin, Far East), Finland, Sweden, Norway by TI Arefina, N Minakava, & T Nozaki, 2004, *Flora and Fauna of Sakhalin Island (Materials of International Sakhalin Project) Part I, Vladivostok, Dalnauka*, p 211

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Holotype--Male; Finland: Uleaborg; deposited in the Helsingfors Museum, Finland Finland)

*Glossosoma (Synafophora) sadoense* M Kobayashi, 1982 (described originally in *Glossosoma (Eomystra)* Japan)

*Glossosoma (Synafophora) spinatum* DE Ruiter, 2000 : NA (Male and female described originally as "the first member of the subgenus *Diploglossa* Martynov in the *Eomystra* line of Ross (1956) reported from North America" Holotype--Male; CANADA: Newfoundland, South Branch Grand Codroy River, Highway 1, NW South Branch, 5 June 1998, RW Baumann and BC Kondratieff; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Canada)

*Glossosoma (Synafophora) sumitaense* M Kobayashi, 1982 (Described originally as *Glossosoma (Mystroglossa) sumitaensis*

Report of this species in southwestern Hokkaido by M Kobayashi (1984, *Bulletin of the Kanagawa Prefectural Museum* 15: 15-36) not confirmed by N Kuhara, 2008, *Proceedings of the International Symposium on Aquatic Entomology in East Asia* 3: 89 Japan)

*Glossosoma (Synafophora) uogalanum* M Kobayashi, 1982 (described originally in *Glossosoma (Eomystra)* Japan)

*Glossosoma (Synafophora) ussuricum* (AV Martynov, 1934) (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Male redescribed, reported from China by JC Morse & LF Yang, 2004, *Proc Entomol Soc Washington* 106(1): 66, f 19, 49-52

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Female redescribed from Japan (Hokkaido) by N Kuhara, 2008, *Proceedings of the International Symposium on Aquatic Entomology in East Asia* 3: 87, f 4A-C

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Holotype--Male; Russia: South-Ussuri Region; probably deposited in the zoological Institute, St Petersburg, Russia Russia (southeastern Siberia))

*Mystrophora ussuricum* AV Martynov, 1934

Syn.: *Mystrophora inops* M Tsuda, 1940

*Glossosoma (Synafophora) verdonum* HH Ross, 1938 : NA (Nutrition, diet, feeding behavior, ecology, and habitat discussed by NL Poff, T Wellnitz, JB Monroe, 2003, *Oecologia* 134(2): 262-269 United States of America)

*Glossosoma (Synafophora) yamanouchii* N Kuhara, 2008 (Male and female described originally

Holotype--Male; JAPAN: Hokkaido, Tomakomai-shi, Tomakomai Experimental Forest of Hokkaido University, Horonai-gawa, 42.69\*N, 141.58\*E, 15-vi-1997, N Kuhara leg; deposited in the Laboratory of Systematic Entomology, Hokkaido University, Japan Japan (Hokkaido))

*Glossosoma furcatum* L Navas, 1932 (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam ("Tonkin"))

*Glossosoma japonicum* M Kobayashi, 1972 (Japan)

*Glossosoma javanicum* G Ulmer, 1930 (Indonesia (Java))

*Glossosoma pinigisana* H Malicky, 1994 (Reported from the Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Palawan))

*Glossosoma speculare* M Kobayashi, 1972 (Japan)

*Glossosoma yigilca* F Sipahiler, 1996 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Turkey)

#### ***Glyphopsyche* N Banks, 1904**

*Glyphopsyche irrorata* (JC Fabricius, 1781) : NA (Attracted to sugar maple (*Acer saccharum* Marsh) sap, Prince Edward Island, Canada, according to CG Majka, 2010, ZooKeys 51: 73-82 no locality given)

*Phryganea irrorata* JC Fabricius, 1781

Syn.: *Glyphopsyche bryanti* N Banks, 1904

Syn.: *Limnephilus intercisus* F Walker, 1852

*Glyphopsyche missouri* HH Ross, 1944 : NA (United States of America)

*Glyphopsyche sequatchie* DA Etnier & RL Hix, 1999 : NA (United States of America)

#### ***Glyphotaelius* JF Stephens, 1833**

*Glyphotaelius pellucidus* (AJ Retzius, 1783) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoe, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 230

Developmental and resource allocation trade offs & life history reported by DJ Stevens, MH Hansell, P Monaghan, 2000, Proceedings Royal Society of London Series B Biological Sciences 267(1452): 1511-1515

Glands of female abdominal sterna IV and V contain (S)-4-methyl-3-heptanone (4a), (4S,6S)-4,6-dimethyl-3-octanone (4b), and (4S,6S)-4,6-dimethyl-3-nonanone (4c), each eliciting response in male antennae according to J Bergmann, C Loefstedt, VD Ivaov, & W Francke, 2001, Eur J Org Chem 2001: 3175-3179

Males and females produce and detect (1S,3S,4R,6S) or (1R,3R,4S,6S)-1,3-diethyl-4,6-dimethyl-2,7-dioxabicyclo[2.2.1]heptane according to J Bergmann, C Loefstedt, VD Ivanov, & W Francke, 2004, Tetrahedron Letters 43: 3669-3672

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internat Symp Trichoptera 11: 137-147

Presence on Iberian Peninsula, larval characters, variations of larval case, biology discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 58, f 2g



Role of ecology and history on distribution in western Spain discussed (as *Glyphotaelius pellucidulus*) by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Morphology of silk glands and silk weave described by MC Biccierai & F Cianficconi, 2007, *Proc Internatn Symp Trichoptera* 12: 1-7

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Sweden)

*Phryganea pellucidus* AJ Retzius, 1783

Syn.: *Limnephilus basalis* J Curtis, 1834

Syn.: *Limnephilus emarginatus* J Curtis, 1834

Syn.: *Phryganea argentata* JF Gmelin, 1789

*Glyphotaelius persicus* R McLachlan, 1874 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Glyphotaelius selysii* R McLachlan, 1869 (Georgia ("Mingrelia"))

### **Goera JF Stephens, 1829**

*Goera abaca* KA Johanson & J Olah, 2008 : AU (Male described originally Holotype--Male; FIJI ISLANDS: Viti Levu, Koroyanitu Park, 1 km E Abaca Vlg, 26 Nov--3Dec 2002, 17.667°S, 177.55°E, 800 m, Malaise trap 1, Schlinger, Tokota'a [FBA 180476]; deposited in the Fiji National Insect Collection, Suva, Fiji "[currently held at Bishop Museum]" Fiji Islands)

*Goera akagiae* K Tanida & T Nozaki, 2006 (Larva described as *Goera* sp. GC by I Akagi, 1974, *Annals Kansai Natr Sci Assoc* 26: 18-19)

Male and female described originally near *Goera uchina* K Tanida & T Nozaki and *Goera japonica* N Banks Holotype--Male; JAPAN: Amami-Oshima, Chuo-rindo, Uken-xon, Kagoshima, 28°17'N, 129°21'E, 6-iv-1996, T Nakatani & T Ueda; in alcohol, OMNH T1 213; deposited in the Osaka Museum of Natural History, Osaka, Japan Japan (Amami-Oshima))

*Goera alleni* H Malicky & P Chantaramongkol, 1992 : OL (Brunei)

*Goera anakpiatu* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Goera anaksembilan* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Goera aneityuma* A Neboiss, 1986 : AU (Vanuatu)

*Goera antigone* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Goera antiugo* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera archaon* HH Ross, 1947 : NA (United States of America)

*Goera arcuata* L Yang & BJ Armitage, 1996 : OL (Recorded in the *Goera* minor Group from Vietnam by BJ Armitage & TI Arefina, 2004 ("2003"), *Pan-Pac Entomol* 79(2): 105)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32 China (Yunnan))

*Goera arisudana* F Schmid, 1991 : OL (India)

*Goera armata* L Navas, 1933 : OL (China ("Chusan"))

*Goera ateduna* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera atiugo* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera atra* ME Mosely, 1938 : OL (Myanmar)

*Goera baishanzuensis* L Yang & JC Morse, 1997 : OL (China (Zhejiang))

*Goera bicuspadata* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))

*Goera calcarata* N Banks, 1899 : NA (United States of America)

*Goera clavifera* F Schmid, 1965 : OL (China (Yunnan))

*Goera conclusa* G Ulmer, 1905 : OL (Indonesia (Java))

*Goera crassata* F Schmid, 1965 : OL (China (Yunnan))

*Goera curvispina* AV Martynov, 1935 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 198)

Reported from Korea, male redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 46, f 10d-f

Species status of *Goera gyotokui* M Kobayashi needing confirmation according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Male and female redescribed, distribution in Japan, Korea, and Russia, synopsis provided by T Nozaki & K Tanida, Zootaxa 1339: 10, 12, f 5 Russia (southeastern Siberia))

Syn.: *Goera gyotokui* M Kobayashi, 1957

*Goera dairiana* H Malicky, 1978 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Goera dandaka* F Schmid, 1991 : OL (India)

*Goera devinat* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera dierli* H Malicky & P Chantaramongkol, 1992 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Goera digitata* AV Martynov, 1931 : OL (China (Sichuan))

*Goera dilatata* T Nozaki & K Tanida (Male and female described originally near *Goera spicata* F Schmid Holotype--Male; JAPAN: Akita, Umaarai-shimizu, Yashikida, Yarida, Misato-cho, 39°25'59"N, 140°32'34"E, 9-vi-1998, H Nishimoto; in alcohol, CBM-ZI 130499); deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Goera dilipa* F Schmid, 1991 : OL (India)

*Goera disparilis* N Banks, 1937 : OL (Philippines)

*Goera diversa* L Yang, 1997 (China (Henan))

*Goera echo* H Malicky & I Thani, 2000 : OL (China (Fujian))

*Goera fijiana* N Banks, 1924 : AU (Male redescribed by KA Johanson & J Olah, 2008, Bishop Museum Occasional Papers 98: 22-25, f 1-5 Fiji Islands)

Syn.: *Goera vunida* ME Mosely, 1941

*Goera fimbriata* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Vietnam)

*Goera fissa* G Ulmer, 1926 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 China (Guangdong))

*Goera foliacea* F Schmid, 1965 (China (Hunan))

*Goera fuscula* N Banks, 1905 : NA (United States of America)

*Goera gaetam* H Malicky, 2008 : OL (Male described originally near *Goera alleni* H Malicky & P Chantaramongkol Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 1410 m, 14-iv-1999, leg Sivec Malaysia (Sabah))

*Goera galli* BJ Armitage & TI Arefina, 2004 : OL (Male described originally, in the *Goera uniformis* Group near *Goera paramika*, *Goera parmahansa*, and *Goera seccio*, from Vietnam (Gia Lai))

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--male; Vietnam: Gai Lai Province, An Khe district, Dacklest River, 5.2 km NE Tram Lap on forest road, 15 June 1996, DC Currie, J Swann (ROM 961047); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Goera gerar* H Malicky, 2008 : OL (Male described originally near *Goera impar* G Ulmer Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit, 600 m, 21-22-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Goera gihon* H Malicky, 2008 : OL (Male described originally Holotype--Male; LAOS: Luang Prabang Province, 5 km W Ban Song Cha, 1200 m, 20°33'N, 102°14'E, 24-iv-16-v-1999, leg Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Goera hageni* (KH Barnard, 1934) : AT (Republic of South Africa)

*Sinion hageni* KH Barnard, 1934

*Goera hermodorus* H Malicky, 2011 (Male described originally Holotype--Male; CHINA: Shaanxi, Qinling Mts, 1600 m, 34°13'N, 106°58'E, 31-v-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))

*Goera holzschuhi* H Malicky & P Chantaramongkol, 1992 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Goera horni* L Navas, 1926 (Diagnosis, as *Goera Interrogationis* L Botosaneanu, by SJ Park & YJ Bae, 1998, Korean J Syst Zool 14(4): 363

Larva, as *Goera Interrogationis* L Botosaneanu, described by SJ Park & YJ Bae, 1999, Korean J Biol Sci 3(4): 366

*Goera interrogationis* is a synonym of *Goera japonica* according to Kumanski, 1991, Ins Koreana 8: 15-29, but not according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Male and female redescribed, reported from Russia (Amurskaya oblast, Khabarovsk krai, Primorsky krai), Korea, China by WK Gall, TI Arefina-Armitage, & BJ Armitage, 2007, Proceedings of the International Symposium on Trichoptera 12: 106, 108, f 2 Lectotype--Male; RUSSIA: Vladivostok; designated from a syntype by WK Gall, TI Arefina-Armitage, & BJ Armitage, 2007, Proceedings of the International Symposium on Trichoptera 12: 106; deposited in Deutsches Entomologisches Institut im Leibniz-Zentrum fuer Agrarlandschafts- und Landnutzungsforschung (Germany) Russia (Vladivostok))

Syn.: *Goera interrogationis* L Botosaneanu, 1970

*Goera hubleyi* BJ Armitage & TI Arefina, 2004 : OL (Male described originally, near *Goera spinosa*, from Vietnam (Nghe An))

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--male; Vietnam: Nghe An Province, W of Con Cuong, Khe Moi Forestry Camp, 25-26 October 1994, DC Currie (ROM 946111); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Goera ilo* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera impar* G Ulmer, 1930 : OL (Philippines)

*Goera interrogationis* L Botosaneanu, 1970 (Diagnosis by SJ Park & YJ Bae, 1998, Korean J Syst Zool 14(4): 363)

Larva described by SJ Park & YJ Bae, 1999, Korean J Biol Sci 3(4): 366

A synonym of *Goera japonica* according to Kumanski, 1991, Ins Koreana 8: 15-29, but not according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198 Korean People's Democratic Republic)

*Goera jaewoni* SJ Park & YJ Bae, 1999 (Republic of Korea)

*Goera janaka* F Schmid, 1991 : OL (India)

*Goera japonica* N Banks, 1906 (Parasitoid *Eurycnemus nozakii* T Kobayashi, 1998, Entomol Sci 1(1): 109-114 (DIPTERA: Chironomidae) described

Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 43-44, 46, f 10a-c, 11j

Bibliography and distribution in Japan for this species and *Goera nipponensis* L Navas provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Host of *Agriotypus gracilis* (Hymenoptera: Ichneumonidae) according to Anonymous, 2005, Hibakagaku 215: 1-9

Male and female redescribed, distribution in Japan and Russia, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 3-5, f 1

Confirmed from Japan by W Mey & T Nozaki, 2007, Braueria 33: 25

Male and female redescribed, reported from Russia (Sakhalin, Kuril Archipelago), South Korea, Japan by WK Gall, TI Arefina-Armitage, & BJ Armitage, 2007, Proceedings of the International Symposium on Trichoptera 12: 106, 108, f 2

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu) and Russia (Kuriles, Sakhalin) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

Syn.: *Goera nipponensis* L Navas, 1933

Syn.: *Lithax karafutonis* S Matsumura, 1911

*Goera jesbak* H Malicky, 2009 : OL (Male described originally near *Goera longispina* G Ulmer

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype-- Male; PHILIPPINES: Palawan, Mantalingajan, Pinigisan, 600 m, 9-ix-1961, leg Noona Dan Expedition; deposited in the Zoological Museum, Copenhagen, Denmark Philippines (Palawan))

*Goera kalimpa* ME Mosely, 1938 : OL (India)

*Goera katugalkanda* F Schmid, 1958 : OL (Sri Lanka)

*Goera katugastota* F Schmid, 1958 : OL (Sri Lanka)

*Goera kausalya* F Schmid, 1991 : OL (India)

*Goera kawamotonis* M Kobayashi, 1987 : OL (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Larva described as *Goera* sp GA by M Tsuda & I Akagi, 1956, J Nagoya Jogakuin Junior College 3: 37-40 is this species according to T Nozaki & K Tanida, 2006, Zootaxa 1339: 13

Male and female redescribed, distribution in Japan and Russia, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 12-13, f 6

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu, Shikoku, Kyushu), Russia (Far East), and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Japan)

*Goera kirilagoda* F Schmid, 1958 : OL (Sri Lanka)

*Goera kursea* ME Mosely, 1938 : OL (India)

*Goera kyotonis* M Tsuda, 1942 (Male and female redescribed, distribution in Japan, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 13-14, f 7 Japan)

*Goera latispina* F Schmid, 1965 : OL (China (Zhejiang))

*Goera lepidoptera* F Schmid, 1965 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Male and female redescribed, distribution in Japan, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 16, f 8 Japan)

*Goera longispina* G Ulmer, 1907 : OL (Philippines)

*Goera maithili* F Schmid, 1991 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

*Goera malayana* FCJ Fischer, 1970 : OL (Malaysia (Peninsular))

Syn.: *Goera parvula* N Banks, 1938

*Goera mandana* ME Mosely, 1938 : OL (Recorded from Vietnam (Lai Chau) by BJ Armitage & TI Arefina, 2004 ("2003"), Pan-Pac Entomol 79(2): 108

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Anadaman Islands)

*Goera martynowi* G Ulmer, 1932 (Diagnostic characters of male discussed by BJ Armitage & TI Arefina, 2003, Pan-Pacific Entomol 79(3-4): 181 China (Beijing))

*Goera matuilla* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera minor* ME Mosely, 1938 : OL (Myanmar)

*Goera minuta* G Ulmer, 1927 : OL (Taiwan)

*Goera mishmia* ME Mosely, 1938 : OL (India)

*Goera monticolaria* W Mey, 1997 : OL (Male described originally near *Goera fimbriata* L Navas

Recorded from Vietnam (Lao Cai) by BJ Armitage & TI Arefina, 2004 ("2003"), Pan-Pac Entomol 79(2): 108-109

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 22-29-iv-1995, leg V Sinyajev; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Goera morsei* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))

*Goera mustellina* (HA Hagen, 1859) : OL (Sri Lanka)

*Mormonia mustellina* HA Hagen, 1859

*Goera nielsenii* H Malicky, 1994 : OL (Reported from Papua New Guinea (Bismark Archipelago) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Papua New Guinea)

*Goera nigricornis* L Navas, 1932 : OL (India)

*Goera nigrosoma* T Nozaki & K Tanida, 2006 (Male and female described originally near *Goera tungusensis* AV Martynov, larva is *Goera* sp GB of M Tsuda & Akagi, 1962 Holotype--Male; JAPAN: Osaka, Chihaya-gawa, Chihayaakasaka-mura, 34\*24'N, 135\*40'E, larva collected on 19-xii-1996, adult emerged on 10-iv-1997, reared by M Aoyagi; pinned, CBM-ZI 130495; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Goera octospina* N Banks, 1920 : OL (Philippines)

*Goera ogasawaraensis* RB Kuranishi, 2005 (Male and female described originally

Male and female redescribed near *Goera japonica* N Banks, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 5, f 2

Reported from Japan (Bonin Islands) by K Satake & RB Kuranishi, 2007, Proceedings of the International Symposium on Trichoptera 12: 279-284 Holotype--Male; JAPAN: Ogasawara, Bonin Island, Chichi-jima, Upper stream of Shigure Barrage, 19-vi-1991, S Miyano; deposited in the Natural History Museum and Institute, Ciba, Japan (T Nozaki & K Tanida, 2006, Zootaxa 1339: 5) Japan)

*Goera parabhava* F Schmid, 1991 : OL (India)

*Goera paracrita* F Schmid, 1991 : OL (India)

*Goera paragoda* F Schmid, 1958 : OL (Sri Lanka)

*Goera parakiya* F Schmid, 1991 : OL (India)

*Goera paramahansa* F Schmid, 1991 : OL (India)

*Goera paramika* F Schmid, 1991 : OL (India)

*Goera parayatta* F Schmid, 1991 : OL (India)

*Goera paropadecha* F Schmid, 1991 : OL (India)

*Goera parvula* AV Martynov, 1935 (Larva described by SJ Park & YJ Bae, 1999, Korean J Biol Sci 3(4): 366 Russia (southeastern Siberia))

*Goera pilosa* (JC Fabricius, 1775) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval mesonotum, adult head, and adult hind wing illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 112, 155-156

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 257

Endangered status discussed by G Urbanic, 2001, Acta Entomologica Slovenica 9(2): 129-134

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea pilosa* JC Fabricius, 1775

Syn.: *Lasiostoma fulvum* P Rambur, 1842

Syn.: *Phryganea vulgata* AF Fourcroy, 1785

Syn.: *Silo flavipes* J Curtis, 1833  
Syn.: *Trichostoma capillata* FJ Pictet, 1834  
Syn.: *Trichostoma fuscicorne* FJ Pictet, 1834  
Syn.: *Trichostomum auratum* H Burmeister, 1839  
*Goera prapatana* H Malicky, 1978 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Goera prominens* G Ulmer, 1911 : OL (Taiwan)  
*Goera pugno* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))  
*Goera quadripunctata* F Schmid, 1959 : OL (China (Yunnan))  
*Goera raghu* F Schmid, 1991 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)  
*Goera rakchasa* F Schmid, 1991 : OL (India)  
*Goera ramosa* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))  
*Goera ranauana* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Goera recta* L Yang & JC Morse, 1997 : OL (China (Hubei))  
*Goera reducta* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))  
*Goera redsat* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Goera redsomar* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Goera relicta* C Betten, 1909 : OL (India)  
*Goera rolandmuelleri* H Malicky & P Chantaramongkol, 1992 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15

Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Philippines)

*Goera rumaba* ME Mosely, 1938 : OL (Myanmar)  
*Goera sarayu* F Schmid, 1991 : OL (India)  
*Goera schefferae* BJ Armitage & TI Arefina, 2004 : OL (Male described originally, in the *Goera fissa* Group near *Goera reducta* L Yang & BJ Armitage, from Vietnam (Nghe An)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--male; Vietnam: Nghe an Province, W of Con Cuong, Khe Moi Forestry Camp, 29 October 1994, DC Currie (ROM 946113); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Goera schmidi* DG Denning, 1982 : OL (Thailand)  
*Goera seccio* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Goera shikokuensis* T Nozaki & K Tanida, 2006 (Male and female described originally near *Goera kyotonis* M Tsuda and *Goera lepidoptera* F Schmid Holotype--Male; JAPAN: Ehime, Kawabe-gawa, Yamato-saka, Ohzu-shi, 33°31'N, 132°30'E, 8-x-2000, S Tsukaguchi; in alcohol, CBM-ZI 130497); deposited in the Natural History Museum and Institute, Chiba, Japan Japan)  
*Goera siccana* W Mey, 1998 : OL (Male described originally, related to *Goera rolandmuelleri* H Malicky Holotype--Male; Philippines: Panay, Antique, Culasi, St Vincente, 400 m, at light, 11-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))  
*Goera sira* H Malicky & P Chantaramongkol, 1992 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Thailand)  
*Goera skiasma* A Neboiss, 1990 : OL (Indonesia (Sulawesi))  
*Goera solicur* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Goera spicata* F Schmid, 1965 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198

Male and female redescribed, distribution in Japan, synopsis provided by T Nozaki & K Tanida, Zootaxa 1339: 24-26, f 14

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 25 Holotype--Male; JAPAN: Honshu, Karuizawa, 28-viii-1952, R Ishikawa; deposited in the Canadian National Collection, Ottawa, Canada (T Nozaki & K Tanida, Zootaxa 1339: 26) Japan)

*Goera spinosa* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))  
*Goera spiralis* L Yang & BJ Armitage, 1996 : OL (China (Yunnan))  
*Goera squamifera* AV Martynov, 1909 (A synonym of *Goera japonica* according to M Tsuda & I

Akagi, 1955, Bull biogeogr Soc Tokyo 16-19: 235-236, f 1, and according to TI Arefina, 1997, in VS Kononenko, Key Ins Russian Far East 5 (part 1, Trichoptera and Lepidoptera): 128, but not a synonym according to L Yang, 1996, in litt, and T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 198, and T Nozaki & K Tanida, 2006, Zootaxa 1339: 4-5

Possibly a synonym of *Goera interrogationis* L Botosaneanu according to T Nozaki & K Tanida, 2006, Zootaxa 1339: 4-5

Reported from Siberia (Altai) (previously reported in Russia only from East Siberia and Russian Far East) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Male and female redescribed, reported from Russia (Amurskaya oblast, Irkutskaya oblast, Khabarovskiy krai, Primorsky kai), South Korea, China by WK Gall, TI Arefina-Armitage, & BJ Armitage, 2007, Proceedings of the International Symposium on Trichoptera 12: 106, 108, f 2  
Holotype--Male; RUSSIA: Irkutskaya Oblast, Angara River, Padunsk, 2-vii, Czekanowski; deposited in the Zoological Institute, St Petersburg, Russia (WK Gall, TI Arefina-Armitage, & BJ Armitage, 2008, Proceedings of the International Symposium on Trichoptera 12: 104) Russia (Irkuskaya))  
*Goera stylata* HH Ross, 1938 : NA (United States of America)  
*Goera tagalica* N Banks, 1931 : OL (Philippines)  
*Goera taiwanensis* BJ Armitage & TI Arefina, 2003 (Male described originally, near *Goera martynowi* G Ulmer, from Taiwan (Taipei) Holotype--Male; Taiwan: Taipei, Chinan Temple, 29 June 1998, C-F Lee; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, Unites States of America Taiwan)  
*Goera tajimaensis* K Tanida & T Nozaki, 2006 (Male and female described originally near *Goera tungusensis* AV Martynov and *Goera nigrosoma* T Nozaki & K Tanida Holotype--Male; JAPAN: Hyogo, R Nakama, a tributary of Ohya-gawa, 39\*19'N, 134\*36'E, 27-v-1992, K Tanida; in alcohol, OMNH TI 215; deposited in the Osaka Museum of Natural History, Osaka, Japan Japan)  
*Goera tarockana* H Malicky, 1978 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Goera tarumana* H Malicky, 1978 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Indonesia (Sumatra))

*Goera tecta* F Schmid, 1965 : OL (China (Zhejiang))

*Goera tenuis* G Ulmer, 1927 : OL (Male and female redescribed, reported from Japan for the first time, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 17, 19, f 10 Holotype--Male; TAIWAN; deposited in the Deutsches Entomologisches Institut, Eberswald, Germany (T Nozaki & K Tanida, 2006, Zootaxa 1339: 19) Taiwan)

*Goera townesi* JC Morse, 1971 : NA (United States of America)

*Goera tricaisema* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Vietnam)

*Goera tridens* ME Mosely, 1938 : OL (India)

*Goera trispina* G Ulmer, 1930 : OL (Borneo ?)

*Goera trouca* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Goera tungusensis* AV Martynov, 1909 : NA (Male and female redescribed, reported from Japan for the first time, synopsis provided by T Nozaki & K Tanida, 2006, Zootaxa 1339: 19-20, f 11

Reported from Siberia (Southern Buryatia, Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (northern Siberia))

Syn.: *Goera radissonica*, 1975

Syn.: *Goera sajanensis* AV Martynov, 1924

*Goera uchina* K Tanida & T Nozaki, 2006 : OL (Larva described as *Goera* sp. GD by I Akagi, 1974, Annals Kansai Natr Sci Assoc 26: 18-19

Male and female described originally near *Goera akagiae* K Tanida & T Nozaki and *Goera japonica* N Banks Holotype--Male; JAPAN: Okinawa, Yona, Kunigami-son, 11-iv-1996, T Ueda; pinned, OMNH TI 214; deposited in the Osaka Museum of Natural History, Osaka, Japan (Okinawa))

*Goera uniformis* N Banks, 1931 : OL (Thailand)

*Goera vaichravana* F Schmid, 1991 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Goera vaidehi* F Schmid, 1991 : OL (India)

*Goera valmiki* F Schmid, 1991 : OL (India)

*Goera vinata* F Schmid, 1991 : OL (India)

*Goera vulpina* (HA Hagen, 1859) : OL (Sri Lanka)

*Mormonia vulpina* HA Hagen, 1859

*Goera yajnadata* F Schmid, 1991 : OL (India)

*Goera yamamotoi* (M Tsuda, 1942) (Korea)

*Lithax yamamotoi* M Tsuda, 1942

### **Goeracea DG Denning, 1968**

*Goeracea genota* (HH Ross, 1941) : NA (United States of America)

*Goerita genota* HH Ross, 1941

*Goeracea oregona* DG Denning, 1968 : NA (United States of America)

### **Goereilla DG Denning, 1968**

*Goereilla baumanni* DG Denning, 1968 : NA (United States of America)

### **Goerita HH Ross, 1938**

*Goerita betteni* HH Ross, 1962 : NA (female described by by CR Parker, 1998, Insecta Mundi 12(3-4): 232 United States of America)

*Goerita flinti* CR Parker, 1999 : NA (United States of America)

*Goerita semata* HH Ross, 1938 : NA (larva and case described by CR Parker, 1998, Insecta Mundi 12(3-4): 230 United States of America)

### **Gracilipsodes JL Sykora, 1967**

*Gracilipsodes aoupiniensis* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes aurorus* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Nord, Mt Aoupinie fauna reserve, 24-28 November 2001, Malaise trap, loc#19, Johanson, Pape, & Viklund; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes aureus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes robustus* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Nord, Col d'Amieu, 20 km north of Sarramea, 306 m asl, small river, 21°33.877'S, 165°49.922'E, 2 December 2001, light trap, loc#27, Johanson, Pape, & Viklund; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes aurorus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes aoupiniensis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.58167°S, 164.76472°E, 1311 m asl, 9 December 2003--2 January 2004, Malaise trap, loc#073, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes grandis* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes psocopterus* JL Sykora and *Gracilipsodes similis* JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Mt Dzumac, source stream of Ouinne River, near cross point to mountain track, 22°02.439'S, 166°28.646'E, 805 m asl, 18 November--4 December 2003, Malaise trap, loc#029, Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes koghiensis* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes aoupiniensis* T Malm & KA Johanson and *Gracilipsodes aurorus* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Mt Koghi, 462 m asl, 2-5 December 2001, Malaise trap, loc#7, Johanson, Pape, & Viklund; deposited in the Museum National d'Histoire



Naturelle, Paris, France New Caledonia)

*Gracilipsodes lanceolatus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes psocopterus* JL Sykora, *Gracilipsodes similis* JB Ward and *Gracilipsodes grandis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, western slope of Mt Ningua, Kwe Neco Stream, at Camp Jacob, 3.7 km west-northeast of the summit of Mt Ningua, on Boulouparis-Thio road, about 50 m upstream of road, 21°43.613'S, 166°06.567'E, 150 m asl, 29 November--12 December 2003, Malaise trap, loc#054, Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes psocopterus* JL Sykora, 1967 : AU (Transferred to *Triplexa* ME Mosely by JC Morse, 1981, Proc Internatn Symp Trich 3: 262

Female, larva, and pupa described, returned to *Gracilipsodes* JL Sykora by JB Ward, 2001, Rec Canterb Mus 15: 73-74, 76, f 1-21

Male redescribed near *Gracilipsodes similis* JB Ward by T Malm & KA Johanson, 2008, Zoological Journal of the Linnean Society 153: 442, f 9, 13 New Caledonia)

*Gracilipsodes robustus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Gracilipsodes aureus* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Mt. Koghi, c 300 m south of Koghi Restaurant, 22.18288°S, 166.50073°E, 407 m asl, 2-16 November 2003, Malaise trap, loc#005, Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Gracilipsodes similis* JB Ward, 2001 : AU (Male described originally

Male redescribed near *Gracilipsodes psocopterus* JL Sykora by T Malm & KA Johanson, 2008, Zoological Journal of the Linnean Society 153: 442, 445, f 10, 13 Holotype--Male; New Caledonia: Cascade de Ba, 21°11.89'S, 165°33.12E, 40 m, 13 Jul 2000, NJ Mary, caught by hand as it flew over rocks in river bed; in alcohol; deposited in the Canterbury Museum, Canterbury, New Zealand New Caledonia)

### ***Grammotaulius* F Kolenati, 1848**

*Grammotaulius bettenii* AL Hill-Griffin, 1912 : NA (United States of America)

*Grammotaulius interrogationis* (JW Zetterstedt, 1840) : NA (Greenland)

*Phryganea interrogationis* JW Zetterstedt, 1840

Syn.: *Grammotaulius praecox* HA Hagen, 1873

*Grammotaulius lineatipennis* G Ulmer, 1932 : OL (China (Jiangsu))

*Grammotaulius lorettae* DG Denning, 1941 : NA (United States of America)

*Grammotaulius nigropunctatus* (AJ Retzius, 1783) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Record of this species, as "*Grammotaulius atomarius*" in the sense of JC Fabricius, by M Iwata, 1927, Zool Mag Tokyo 39: 209-272 and by M Iwata, 1927, Annot Zool Japon 11: 203-233, as occurring in Japan is in error according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 202

Larva, larval case, and female photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 28-31

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea nigropunctatus* AJ Retzius, 1783

Syn.: *Grammotaulius suarezi* L Navas, 1916

Syn.: *Phryganea irroratus* JW Zetterstedt, 1840

Syn.: *Phryganea lineola* F von Paula Schrank, 1781

*Grammotaulius nigropunctatus infuscatus* J Sahlberg, 1894 (~nigropunctatus (AJ Retzius, 1783, C de Geer Gen Spec Ins p 55-56), Phryganea)

*Grammotaulius nitidus* (OF Mueller, 1764) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhøy, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Borzsony Mountains (Hungary) by O Kiss & D Schmera, 1999, P Internatn Symp Trich 9: 171-174

Reported from Finland by J Salokannel, 2003, Sahlbergia 8(2): 100

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Reported from Poland by S Czachorowski, L Pietrzak, & A Zawal, 2007, Parki Narodowe i Rezerwaty Przyrody 26(4): 105-114

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Denmark)

*Phryganea nitidus* OF Mueller, 1764

Syn.: *Limnophilus gracilis* H Burmeister, 1839

Syn.: *Phryganea lineola* F von Paula Schrank, 1781

Syn.: *Phryganea strigosa* JF Gmelin, 1789

*Grammotaulius nitidus confluens* A Neander, 1934 (

~nitidus (OF Mueller, 1764, Fauna Ins Fridr p 65), Phryganea)

*Grammotaulius sibiricus* R McLachlan, 1874 : PA (Russia (eastern Siberia))

*Grammotaulius signatipennis* R McLachlan, 1876 : NA, PA (Treated as a species of *Limnophilus* by VN Grigorenko, 2002, Proceedings of the International Symposium on Trichoptera 10: 107, 112

Finland, Russia (northwestern), Kola, Sweden ("Lapland"))

Syn.: *Grammotaulius alascensis* F Schmid, 1964

Syn.: *Grammotaulius inornatus* F Schmid, 1964

Syn.: *Grammotaulius subborealis* F Schmid, 1964

*Grammotaulius submaculatus* (P Rambur, 1842) (Morphology, recorded from Italy by G Moretti, V Raineri, A Fava, & F Cianficconi, 1999, P Internatn Symp Trich 9: 245-252

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 120 France)

*Limnephila submaculatus* P Rambur, 1842

Syn.: *Grammotaulius basilicus* L Navas, 1917

Syn.: *Limnophilus immaculatus* L Navas, 1912

### ***Grensia* HH Ross, 1944**

*Grensia praeterita* (F Walker, 1852) : NA, PA (Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 579 arctic America)

*Limnophilus praeterita* F Walker, 1852

### ***Grumicha* F Mueller, 1879**

*Grumicha grumicha* (JN Vallot, 1855) : NT (Transferred from *Leptocerus* and *Athripsodes* to *Grumicha* by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 80-81 Brazil)

*Phryganea grumicha* JN Vallot, 1855

Syn.: *Dicentropus flavipes* G Ulmer, 1905

***Grumichella* F Mueller, 1879**

*Grumichella aequiunguis* OS Flint, 1983 : NT (Argentina)

*Grumichella flaveola* (G Ulmer, 1911) : NT (Bolivia)

*Leptocellodes flaveola* G Ulmer, 1911

Syn.: *Notanatomica poujadei* L Navas, 1927

*Grumichella pulchella* (N Banks, 1910) : NT (Colombia)

*Leptocella pulchella* N Banks, 1910

*Grumichella rostrata* A Thienemann, 1905 : NT (Brazil)

***Gumaga* M Tsuda, 1938**

*Gumaga griseola* (R McLachlan, 1871) : NA (Genetic variation in relation to dispersal capability reported by MP Miller, DW Blinn, P Keim, 2002, *Freshwater Biology* 47(9): 1660-1673

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, *Braueria* 36: 5, f 24a-b

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 (United States of America)

*Notidobia griseola* R McLachlan, 1871

Syn.: *Notidobia assimilis* N Banks, 1907

*Gumaga hespera* (N Banks, 1914) : NA (Unidentified female according to Ross, 1944, *Bull Illinois Natr Hist Surv* 23(1): 303

"probably" a species of the "Griseolum Group" (HH Ross, 1948, *P Entomol Soc Washington* 50(6): 155), later transferred to *Gumaga* by HH Ross & JB Wallace, 1974, *J Georgia Entomol Soc* 9(1): 46 (United States of America)

*Schizopelex hespera* N Banks, 1914

*Gumaga nigra* (ME Mosely, 1938) : OL (Myanmar)

*Notidobia nigra* ME Mosely, 1938

*Gumaga nigricula* (R McLachlan, 1871) : NA (Activity patterns, flight periodicity, growth rate, population density, food relations, life cycle, development by VH Resh, JR Wood, EA Bergey, JW Feminella, JK Jackson, EP McElravy, 1997, *P Internatn Symb Trich* 8: 401-410

Evidence and influences on long term larval movements, larval survival rate by JK Jackson, EP McElravy, & VH Resh, 1999, *Freshw Biol* 42(3): 525-536 (United States of America)

*Notidobia nigricula* R McLachlan, 1871

Syn.: *Notidobia arizonica* N Banks, 1943

*Gumaga orientalis* (AV Martynov, 1935) : OL (Diagnosis by SJ Park & YJ Bae, 1998, *Korean J Syst Zool* 14(4): 366

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Bhutan as "*Gumaga orientalis*" (AV Martynov) by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 25

Distributed in Japan (Honshu), Russia (Far East), China, Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Hiroshima Prefecture (Japan), as *Gumaga okinawaensis* M Tsuda, by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 (Russia (southeastern Siberia))

?*Oecismus orientalis* AV Martynov, 1935  
Syn.: *Gumaga amudita* F Schmid, 1991  
Syn.: *Gumaga okinawaensis* M Tsuda, 1938  
Syn.: *Notidobia chaoi* C Hwang, 1957

*Gumaga quyeni* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Vietnam)

### ***Gunungiella* G Ulmer, 1913**

*Gunungiella aanafiazga* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Gunungiella acanthoclada* C Sun, 2007 : OL (Male described originally Holotype--Male; CHINA: Guangdong Province; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangdong))

*Gunungiella achtadachi* F Schmid, 1968 : OL (India)

*Gunungiella achtami* F Schmid, 1968 : OL (India)

*Gunungiella achtatrimchi* F Schmid, 1968 : OL (India)

*Gunungiella achtavimchi* F Schmid, 1968 : OL (India)

*Gunungiella anakdara* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Gunungiella anthea* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella arinada* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28

Reported from another Vietnam location by J Olah & H Malicky, 2010, Braueria 37: 15, 33 Vietnam)

*Gunungiella balsahana* W Mey, 1998 : OL (Male described originally and probably related to *Gunungiella polyspinosa* W Mey Holotype--Male; Philippines: Palawan, Balsahan, 20 km E of Puerto Princesa, 3-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Gunungiella berduri* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella bodhidarma* F Schmid, 1960 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Gunungiella britomartis* H Malicky, 1998 : OL (Indonesia (Java))

*Gunungiella cao* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella sosau* J Olah & H Malicky Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Baco Stream, 26-x-1988, along a side spring brook, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Gunungiella chodachi* F Schmid, 1968 : OL (India)

*Gunungiella chotrimchi* F Schmid, 1968 : OL (India)

*Gunungiella chovimchi* F Schmid, 1968 : OL (India)

*Gunungiella curvispina* W Mey, 2003 : OL (Male described originally near *Gunungiella parang* J Huisman Holotype--Male; PHILIPPINES: Leyte, Baybay, Mt Panasugan, 13-iv-1997, collected in the daytime, leg W Mey & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Gunungiella dachami* F Schmid, 1968 : OL (India)

*Gunungiella dung* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella fiarafiazga* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Baco Stream, 26-x-1988, along a side spring brook, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Gunungiella dvadachi* F Schmid, 1968 : OL (India)

*Gunungiella dvatrimchi* F Schmid, 1968 : OL (India)

*Gunungiella dvitiya* F Schmid, 1968 : OL (India)

*Gunungiella ekadachi* F Schmid, 1968 : OL (India)

*Gunungiella ekatrimchi* F Schmid, 1968 : OL (India)

*Gunungiella ekavimchi* F Schmid, 1968 : OL (India)

*Gunungiella fanjingshana* C Sun, 2007 : OL (Male described originally in the *Gunungiella saptami* Species Group near *Gunungiella saptadachi* F Schmid Holotype--Male; CHINA: Guizhou Province, Mt Fanjingshan, Heiwanhe River Administration Station, 5300 m elev, N27.9\*, E108.6\*, 3-vi-1995,

collected by C Sun and B Wang; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China (Guizhou))

*Gunungiella fiarafiazga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Gunungiella fimfafiazga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Gunungiella guni* H Malicky, 2009 : OL (Male described originally near *Gunungiella arinada* H Malicky Holotype--Male; VIETNAM: Tuyen Quang, tributary of Gam River, 2 km NE Pac Ban, 22\*25'N, 105\*25'E, 31-v-3-vi-1996; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Gunungiella herakles* H Malicky & A Nuntakwang, 2004 : OL (Male described originally Holotype--Male; Thailand: Lampun Province, Mae Ping National Park, Namtok Koh Luang, 17\*34'N, 98\*49'E, 500 m, 22-4-2003, leg A Nantakwang; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Gunungiella hori* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Gunungiella chodachi* F Schmid Holotype--Male; THAILAND: Prov MaeHong Son, Huai Pang Paek, 1200 m, 19\*26'N, 098\*20'E, 21-x-2003; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Gunungiella jarah* H Malicky, 2011 : OL (Male described originally Holotype--Male; THAILAND: Ko Chang, 50-200 m, 12\*03'N, 102\*18'E, 3-23-xii-1999, leg A Schulz; deposited in the Naturhistorisches Museum, Geneva, Switzerland Thailand)

*Gunungiella kakatua* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella kalliope* H Malicky, 2004 : OL (Male described originally near *Gunungiella britomartis* Holotype--Male; Indonesia: Jawa Timur, Waldbach westlich Trawas, 800 m, 7\*40'S, 112\*35'E, 21-iv-2003, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Java Timor))

*Gunungiella lekuk* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella lencao* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella bongai* J Olah & H Malicky Holotype--Male; VIETNAM: Lamdong Province, Baoloc, Duchma Stream, 22-x-1988, along a side spring brook, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Gunungiella madakumbura* F Schmid, 1958 : OL (Sri Lanka)

*Gunungiella marginalis* N Banks, 1939 : OL (Philippines)

*Gunungiella monticola* W Mey, 1995 : OL (Philippines)

*Gunungiella myrrha* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype -- Male; Thailand: Chiangmai Province, Chiang Dao National Park, Namtok Srisungwan, 600 m, 19\*37'N, 98\*57'E, 17-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Gunungiella navadachi* F Schmid, 1968 : OL (India)

*Gunungiella navami* F Schmid, 1968 : OL (India)

*Gunungiella navavimchi* F Schmid, 1968 : OL (India)

*Gunungiella nietneri* N Banks, 1920 : OL (Sri Lanka)

*Gunungiella nimitra* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Gunungiella obendia* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella britomartis* H Malicky Holotype--Male; VIETNAM: Cucphuong National Park, 18-x-1986, along first order karst spring brook in forested valley, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Gunungiella pachtchima* F Schmid, 1968 : OL (India)

*Gunungiella pantchadachi* F Schmid, 1968 : OL (India)

*Gunungiella pantchami* F Schmid, 1968 : OL (India)

*Gunungiella pantchatrimchi* F Schmid, 1968 : OL (India)

*Gunungiella parang* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella paruh* J Huisman, 1993 : OL (Malaysia (Sabah))

*Gunungiella polypinosa* W Mey, 1995 : OL (Philippines)

*Gunungiella prathama* F Schmid, 1968 : OL (Reported from Nepal as *Gunungiella prathava* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Gunungiella rana* J Olah & H Malicky, 2011 : OL (Male described originally near *Gunungiella britomartis* H Malicky Holotype--Male; INDONESIA: Sumatra, Danau Ranau, Bukit Marisan Selatan National Park, 950 m, 04\*57'S, 103\*52'E, 1-vii-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Gunungiella recta* (G Ulmer, 1930) : OL (Transferred from *Chimarra* to *Wormaldia* by HH Ross, 1956, Evolution and Classification of the Mountain Caddisflies, p ??)

Transferred from *Wormaldia* to *Gunungiella* by H Malicky, 2009, *Braueria* 36: 19 Philippines)  
*Chimarrha recta* G Ulmer, 1930  
 Syn.: *Gunungiella spila* W Mey, 1998  
*Gunungiella reducta* G Ulmer, 1913 : OL ([male redescribed by H Malicky, 1998, *Linzer biol Beitr* 30(2): 799, pl 5] Indonesia (Java))  
*Gunungiella saptadachi* F Schmid, 1968 : OL (China (Chokiang, West Tienmuishan))  
*Gunungiella saptami* F Schmid, 1968 : OL (India)  
*Gunungiella saptatrimchi* F Schmid, 1968 : OL (India)  
*Gunungiella saptavimchi* F Schmid, 1968 : OL (India)  
*Gunungiella segsafiazga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Gunungiella sibylla* H Malicky & T Prommi, 2006 : OL (Male described originally near *Gunungiella achtadachi* F Schmid and *Gunungiella navadachi* F Schmid Holotype--Male; THAILAND: Nakhon Si Thammarat prov, Namtok Yong National Park, Pliew Waterfall, 110 m, 8\*29'N, 99\*45'E, 6-iv-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Gunungiella simafiazga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Gunungiella sosau* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella thuba* J Olah & H Malicky Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Gunungiella tanduk* J Huisman, 1993 : OL (Malaysia (Sabah))  
*Gunungiella tchaturdachi* F Schmid, 1968 : OL (India)  
*Gunungiella tchaturti* F Schmid, 1968 : OL (India)  
*Gunungiella tchaturtrimchi* F Schmid, 1968 : OL (India)  
*Gunungiella tetrapetala* CH Sun & FR Gui, 2001 : OL (China (Yunnan))  
*Gunungiella thuba* J Olah & H Malicky, 2010 : OL (Male described originally near *Gunungiella sosau* J Olah & H Malicky Holotype--Male; VIETNAM: Ha Son Binh Province, Hoabinh, towards Dabac, 21-x-1986, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Gunungiella traiafiazga* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Gunungiella tridachi* F Schmid, 1968 : OL (India)  
*Gunungiella tritiya* F Schmid, 1968 : OL (India)  
*Gunungiella tritrimchi* F Schmid, 1968 : OL (India)  
*Gunungiella trivimchi* F Schmid, 1968 : OL (India)  
*Gunungiella tsarafiazga* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 11, 15 Philippines)  
*Gunungiella ulmeri* F Schmid, 1950 : OL (India)  
*Gunungiella vimchi* F Schmid, 1968 : OL (India)  
*Gunungiella wamana* J Olah & H Malicky, 2011 : OL (Male described originally near *Gunungiella guni* H Malicky Holotype--Male; INDONESIA: Sumatra, Danau Ranau, Bukit Barisan Selatan National Park, 950 m, 30-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))  
*Gunungiella zoliana* J Olah & H Malicky, 2011 : OL (Male described originally near *Gunungiella aanafiazga* H Malicky Holotype--Male; INDONESIA: Sumatra, Way Titias, Bukit Barisan Selatan National Park, 850 m, 05\*07'S, 104\*08'E, 26-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

#### ***Hadimina* F Sipahiler, 2002**

*Hadimina torosensis* F Sipahiler, 2002 (Male, female, larva, pupal case originally described Holotype--Male; TURKEY, Konya, Hadim, Koru-alan, Yenice Koeyue, Borini cave, Toros Mountains, 1700 m, 23-6-1998, leg Sipahiler; deposited in collection of F Sipahiler, Hacettepe University, Beytepe, Ankara, Turkey Turkey)

#### ***Hagenella* AV Martynov, 1924**

*Hagenella apicalis* (S Matsumura, 1904) (Female genitalia described by GB Wiggins, 1998, *Caddisfly Fam Phryganeidae*, p 190 Japan)

*Neuronia apicalis* S Matsumura, 1904

Syn.: *Neuronia dentata* AV Martynov, 1909

*Hagenella canadensis* (N Banks, 1907) : NA (Canada)

*Neuronia canadensis* N Banks, 1907

*Hagenella clathrata* (F Kolenati, 1848) : PA (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 219

Reported from Germany (Bremen) by U Haesloop, 2001, *Lauterbornia* 41: 55-59

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Sweden, Russia, Germany, Bosnia)

*Anabolia (Oligostomis) clathrata* F Kolenati, 1848

Syn.: *Oligostomis melanoptera* HDJ Wallengren, 1880

*Hagenella sibirica* (AV Martynov, 1909) (Russia (central Siberia, southeastern Siberia))

*Neuronia sibirica* AV Martynov, 1909

### ***Halesochila* N Banks, 1907**

*Halesochila taylori* (N Banks, 1904) : NA (Canada)

*Halesus taylori* N Banks, 1904

### ***Halesus* JF Stephens, 1836**

*Halesus appenninus* GP Moretti & G Spinelli-Batta, 1979 (Forelegs described by G Spinelli and C Corallini, 2002, *Proc Internatn Symp Trich* 10: 29-36

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76

Larva described by G Spinelli-Batta, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 293-296

Predation on eggs of northern speckled salamander, *Salamandrina perspicillata* reported by A Romano, C Spilinga, F Montioni, David Fiacchini, & B Ragni, 2008, *Acta Herpetologica* 3(1): 71-75 Italy)

Syn.: *Halesus radiatus vaillanti* GP Moretti, 1981

*Halesus calabrus* GP Moretti & G Spinelli-Batta, 1979 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

Syn.: *Halesus radiatus vaillanti* GP Moretti, 1981

*Halesus digitatus* (F von Paula Schrank, 1781) : PA (Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120 Austria)

*Phryganea digitatus* F von Paula Schrank, 1781

Syn.: *Halesus hammoniensus* G Ulmer, 1902

Syn.: *Limnephilus hieroglyphicus* J Curtis, 1834

Syn.: *Phryganea collaris* F von Paula Schrank, 1781

*Halesus digitatus caucasicus* J Olah, 1985 (~digitatus (F von Paula Schrank, 1781, *Enum Ins Austr* p

309), Phryganea

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254)

*Halesus interpunctatus* (unprovided)

*Halesus interpunctatus uniformis* F Schmid, 1951 (

~*interpunctatus* (JW Zetterstedt, 1840, *Ins Lapp* p 1067), Phryganea

described originally as *Halesus radiatus interpunctatus uniformis*)

*Halesus nurag* H Malicky, 1974 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy (Sardinia))

*Halesus radiatus* (J Curtis, 1834) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Removed from list of species in Prikamie, western Ural Mountains, Russia, by NN Pankov & VG Novokshonov, 2003, *Far Eastern Entomologist* 128: 12-14

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Degree of intolerance score (DIS) of 7.50 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 69

Reported from Poland by S Czachorowski, L Pietrzak, & A Zawal, 2007, *Parki Narodowe i Rezerwaty Przyrody* 26(4): 105-114 Britain)

*Limnephilus radiatus* J Curtis, 1834

Syn.: *Halesus interpunctatus uniformis* F Schmid, 1951

Syn.: *Phryganea interpunctatus* JW Zetterstedt, 1840

*Halesus radiatus vaillanti* GP Moretti, 1981 (

~*nurag* H Malicky, 1974, in H Malicky & K Kumanski, *Entomologische Z, Frankf a M* 24(3): 16, figs, Italy (Sardinia), WP

Cited as a synonym of both *Halesus appennina* GP Moretti & G Spinelli-Bata, 1981, and *Halesus calabrus* GP Moretti & G Spinelli-Bata, 1981, by H Malicky, 2005, *Linzer biol Beitr* 37(1): 576)

*Halesus rubricollis* (FJ Pictet, 1834) (Possibly *Halesus ruficollis* of authors other than FJ Pictet, 1834, according to L Botosaneanu & H Malicky, 1978, in J Illies, *Limnofauna Europaea*, p XX?, and H Malicky, 2005, *Linzer biol Beitr* 37(1): 576 France)

*Phryganea rubricollis* FJ Pictet, 1834

Syn.: *Halesus moestus* R McLachlan, 1876

*Halesus rubricollis melancholicus* R McLachlan, 1876 (

~*rubricollis* (FJ Pictet, 1834, *Rech Phryg* p 135, pl 11 f 2), Phryganea

described originally as *Halesus ruficollis* variety *melancholicus* (F Schmid, 1951, *Trab Mus Cienc nat Barcelona* 1(3): 68-69, all references to *Halesus ruficollis* after FJ Pictet, 1834, are to *Halesus*



rubricollis))

*Halesus sachalinensis* AV Martynov, 1914 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 202)

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (eastern Siberia - Sakhalin))

Syn.: *Phacopteryx jesoensis* S Matsumura, 1931

*Halesus tessellatus* (P Rambur, 1842) : PA (Reported from Oestfold and Akershus, Norway, as *Halesus tessellatus* (P Rambur), by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12)

Reported from Buskerud, Norway, as *Halesus tessellatus* (P Rambur), by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Relations of summer diapause with prediapause feeding rate and emergence J Majecki, 1999, *P Internatn Symp Trich* 9: 193-198

Bibliography and doubtful distribution in Japan discussed by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 202

Degree of intolerance score (DIS) of 8.78 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Considered to develop in brackish water, Gulf of Bothnia, Sweden, (as *Halesus tessellatus*) according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Reported from Siberia (Altai, Buryatia) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Listed from Ukraine as *Halesus tessellatus* (Rambur) by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 France)

*Limnephila tessellatus* P Rambur, 1842

### ***Hampa* ME Mosely, 1953**

*Hampa patona* ME Mosely, 1953 : AU (Australia)

### ***Helicopha* ME Mosely, 1953**

*Helicopha acuta* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha paniensis* KA Johanson Holotype--Male: NEW CALEDONIA: Province Nord, Mt Panie, 20.5736\*S, 164.77139\*E, 902 m, 9-xii-2003, Malaise trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha amieuensis* KA Johanson, 2003 : AU (Phylogenetic relationships by KA Johanson, 2003, *Insect Syst & Evol* 34: 142-151 Male: New Caledonia: Prov. Sud, Col d'Amieu Fauna Reserve, 323 m, loc. 24, forest stream, 21\*34.844'S, 165\*49.677'E, Malaisetraps, 30.xi-5.xii.2001 New Caledonia)

*Helicopha angulata* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha koghi* (KA Johanson & JB Ward) Holotype--Male: NEW CALEDONIA, Province Nord, Aoupinie Mt, Reserve speciale de faune de l'Aoupinie, sprint to side stream to Oropomwati River, 21\*o9.032'S, 165\*19.179'E, 441 m, 6-27-xii-2003, Malaise trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha aoupiniensis* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha patriciae* KA Johanson & JB Ward, *Helicopha ramea* KA Johanson, *Helicopha dognyensis* KA Johanson, and *Helicopha taoensis* KA Johanson & M Keijsner Holotype--Male: NEW CALEDONIA: Province Nord, Reserve Speciale de faune de l'Aoupinie, 21.178\*S, 165.303\*E, 700 m, Malaise trap, 4-14-xii-2000, DW Webb, EI Schlinger, ME Irwin, & LJ Bontin; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America New Caledonia)

*Helicopha astia* ME Mosely, 1953 : AU (phylogenetic relationships by KA Johanson, 2003, *Insect Syst*

& Evol 34: 142-151 Australia)

Syn.: *Helicopha marlieri* S Jacquemart, 1965

*Helicopha bifurcata* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha mouirangensis* KA Johanson & M Keijsner and *Helicopha pouebo* KA Johanson & JB Ward Holotype--Male: NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.58139°S, 164.76444°E, 1310 m, 9-xii-2003--2-i-2004, Malaise trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha delamarei* S Jacquemart, 1965 : AU (phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151 Australia)

*Helicopha dognyensis* KA Johanson, 2003 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151)

Female described by KA Johanson & M Keijsner, 2008, Systematic Entomology 33: 479, f 14 Male: New Caledonia: Prov. Sud, Platou de Dogny, 846 m, loc. 15, forest stream, 21°36.853'S, 165°52.548'E, Malaisetrapp, 18-21.xi.2001 New Caledonia)

*Helicopha einap* KA Johanson, 2003 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151 Male: New Caledonia: Prov. Nord., Mt. Panie, 350 m, loc. 16, rocky river below waterfall, 20°35.864'S, 164°49.780'E, Malaisetrapp, 22-28.xi.2001 New Caledonia)

*Helicopha hortena* ME Mosely, 1953 : AU (Australia)

*Helicopha koghi* (KA Johanson & JB Ward, 2001) : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151)

Transferred to *Helicopha* by KA Johanson & M Keijsner, 2008, Systematic Entomology 33: 455 Holotype--Male: NEW CALEDONIA, Mt Koghi, 400 m, 12-14 Nov 1986, UV trap, (R Brown & O Pellmyr); in alcohol; deposited in the United States National Museum of Natural History, Washington, District of Columbia, United States of America New Caledonia)

*Briama koghi* KA Johanson & JB Ward, 2001

*Helicopha loripes* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha paniensis* KA Johanson and *Helicopha amieuensis* KA Johanson Holotype--Male: NEW CALEDONIA: Province Sud, W slope Mt Ningua, Kwe Neco Stream, 3.9 km W summit of Mt Ningua, on Bouloparis-Thio road, about 50 m upstream of road, 21°44.359'S, 166°06.009'E, 117 m, 12-xii-2003--05-i-2004, Malaise trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha mouirangensis* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha bifurcata* KA Johanson & M Keijsner and *Helicopha pouebo* KA Johanson & JB Ward Holotype--Male: NEW CALEDONIA: Province Sud, Monts Kwa Ne Mwa, 20 m upstream of Noumea-Yate road, 2.0 km E Pic de Mouirange, 22°12.356'S, 166°40.798'E, 220 m, 15-16-i-2004, light trap, KS Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha neocaledonia* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha loripes* KA Johanson & M Keijsner, *Helicopha amieuensis* KA Johanson, and *Helicopha paniensis* KA Johanson Holotype--Male: NEW CALEDONIA, Province Sud, Monts des Koghis, c 300 m S Koghi Restaurant, 22.18288°S, 166.50245°E, 427 m, 16-26-xi-2003, Malaise trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

*Helicopha paniensis* KA Johanson, 2003 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151)

Male redescribed by KA Johanson & M Keijsner, 2008, Systematic Entomology 33: 471, 479, f 12 Holotype--Male: NEW CALEDONIA, Prov. Nord, Mt. Panie, 350 m, loc. 16, rocky river downstream waterfall, 20°35.864'S, 164°49.780'E, Malaise trap, 22-28.xi.2001 New Caledonia)

*Helicopha patriciae* KA Johanson & JB Ward, 2001 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151 Holotype--Male; New Caledonia: stream on Mt Aoupinie, 2 km SW of bridge at ponerihouen on Goa Road, 458 m, (N37), 17-21-x-1972, (WL & JG Peters); in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Helicopha pouebo* KA Johanson & JB Ward, 2001 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151 Holotype--Male; New Caledonia: Pouebo, 20 m, light trap, 16 Jan 1964, R Straatman; in alcohol; deposited in the Bernice P Bishop Museum, Honolulu, Hawaii, United States of America New Caledonia)

*Helicopha ramea* KA Johanson, 2003 : AU (Phylogenetic relationships by KA Johanson, 2003, Insect Syst & Evol 34: 142-151)

Female described by KA Johanson & M Keijsner, 2008, Systematic Entomology 33: 480-481, f 15  
Holotype--Male: NEW CALEDONIA: Province Sud, Sarramea, 207 m, loc 11, pond below waterfall,  
21°36.981'S, 165°51.154'E, Malaise trap, 18-21-xi-2001 New Caledonia)

*Helicopha rembai* KA Johanson & JB Ward, 2001 : AU (Phylogenetic relationships by KA Johanson,  
2003, Insect Syst & Evol 34: 142-151 Holotype--Male; New Caledonia: Mt Rembai, 800 m, 30 Nov  
1978, GW Gibbs; in alcohol; deposited in the Canterbury Museum New Caledonia)

*Helicopha stellata* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha*  
*taoensis* KA Johanson & M Keijsner, *Helicopha aoupiniensis* KA Johanson & M Keijsner, *Helicopha*  
*ramea* KA Johanson, and *Helicopha dognyensis* KA Johanson Holotype--Male: NEW CALEDONIA:  
Province Nord, Mt Panie, stream at camp, 20.58167°S, 164.76472°E, 1311 m, 9-xii-2003, Malaise  
trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Natural, Paris, France  
New Caledonia)

*Helicopha taoensis* KA Johanson & M Keijsner, 2008 : AU (Male described originally near *Helicopha*  
*ramea* KA Johanson and *Helicopha dognyensis* KA Johanson Holotype--Male: NEW CALEDONIA:  
Province Nord, 50 m upstream of bridge on Hienghene-Tnedo road, 3.9 km S summit of Mt Tnedo, 2.2  
km E Tnedo, 20°43.085'S, [164°]49.928'E, 29 m, 7-xii-2003, light trap, KA Johanson; in alcohol;  
deposited in the Museum National d'Histoire Natural, Paris, France New Caledonia)

### ***Helicopsyche* C von Siebold, 1856**

#### **subgenus *Cochliopsyche* F Mueller, 1885**

*Helicopsyche (Cochliopsyche) amazona* KA Johanson, 2003 : NT (Male described originally Holotype--  
Male; Brazil: Amazonas, Manaus area, Rio Branquinho, Lager Tapiri, 22-vii-1961 [E-J Fittkau]  
(alcohol); deposited in the United States National Museum of Natural History, Smithsonian Institution,  
Washington, District of Columbia, United States of America Brazil)

*Helicopsyche (Cochliopsyche) amica* KA Johanson, 2003 : NT (Male described originally Holotype--  
Male; Venezuela: TFA, Puerto Ayacuicho, 16-iv-1967 [FF Yepes] (alcohol); deposited in the Maracay  
Venez private collection Venezuela)

*Helicopsyche (Cochliopsyche) blahniki* KA Johanson, 2003 : NT (Male described originally Holotype--  
Male; Venezuela: Guarico, Hato Masuguaral, 45 km S Calabozo, 8,57°N, 67,58°W, savanna#1, 75 m,  
4-6-iv-1988, UV light [M Epstein & R Blahnik] (pinned); deposited in the University of Minnesota  
Insect Collection, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Cochliopsyche) brazilia* KA Johanson, 2003 : NT (Male described originally Holotype--  
Male; Brazil: Minas Gerais, confluence Rio Peixe & Rio Preto do Itambe, 19°17,525'S, 43°15,457'W,  
500 m, 4-ii-1998 [Holzenthal & Paprocki] (pinned); deposited in the Museu de Zoologia da  
Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Helicopsyche (Cochliopsyche) chocoensis* KA Johanson, 2003 : NT (Male described originally  
Holotype--Male; Colombia: Choco, Rio Atrato, Yuto, 18-ii-1983 [OS Flint, Jr] (pinned); deposited in  
the United States National Museum of Natural History, Smithsonian Institution, Washington, District  
of Columbia, United States of America Colombia)

*Helicopsyche (Cochliopsyche) clara* (G Ulmer, 1905) : NT (Male and female redescribed by KA  
Johanson, 2003, Insect Syst Evol 34(4): 388-391, f 1, 5-10 Paralectotype--Male; Brazil: Santa Catarina  
Luederwaldt (pinned); deposited in the Museum of Comparative Zoology, Harvard University,  
Cambridge, Massachusetts, United States of America Brazil)

*Tetanonema clara* G Ulmer, 1905

*Helicopsyche (Cochliopsyche) holzenthali* KA Johanson, 2003 : NT (Male described originally  
Holotype--Male; Venezuela: Barinas, Rio Singuis in Cano Grande, 8°24,00'N, 70°46,45'W, 2-iii-1997,  
520 m [R Holzenthal] (pinned); deposited in the University of Minnesota Insect Collection, St Paul,  
Minnesota, United States of America Venezuela)

*Helicopsyche (Cochliopsyche) lobata* (OS Flint, 1983) : NT (Male and female redescribed by KA  
Johanson, 2003, Insect Syst Evol 34(4): 391, f 3, 11-16, 99 Holotype--Male; Argentina: Pcia Misiones,  
arroyo Piray Guazu, N San Pedro, 11-xi-1973 (pinned); deposited in the United States National  
Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States  
of America Argentina)

*Cochliopsyche lobata* OS Flint, 1983

*Helicopsyche (Cochliopsyche) napoa* KA Johanson, 2003 : NT (Male described originally Holotype--  
Male; Ecuador: Napo, Lago Agrio, 16-viii-1975, at blacklight [A Langley] (pinned); deposited in the  
United States National Museum of Natural History, Smithsonian Institution, Washington, District of  
Columbia, United States of America Ecuador)

*Helicopsyche (Cochliopsyche) ocosingua* KA Johanson, 2003 : NT (Male described originally Holotype--Male; Mexico: Chiapas, Ocosingo Valley, Monte Finca Libano, 4-vii-1950, at light [C & M Goodnight & L Stannard] (alcohol); deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Mexico (Chiapas))

*Helicopsyche (Cochliopsyche) opalescens* (OS Flint, 1972) : NT (Male and female redescribed by KA Johanson, 2003, Insect Syst Evol 34(4): 393-395, f 2, 23-28, 100 Holotype--Male; Argentina: Prov Misiones, Puerto Rico, 4-8-iv-1971 [CM & OS Flint, Jr] (pinned); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Argentina)

*Cochliopsyche opalescens* OS Flint, 1972

*Helicopsyche (Cochliopsyche) pandeiosa* KA Johanson, 2003 : NT (Male described originally Holotype--Male; Brazil: Minas Gerais, Rio Pandeiosa in Pandeios, ca 50 km W Januaría, 15°30'27'S, 44°30'25'W, 495 m, 17-xi-2001 [Holzenthall & Amarante] (pinned); deposited in the Museu de Zoologia da Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Helicopsyche (Cochliopsyche) paraguayensis* KA Johanson, 2003 : NT (Male described originally Paralectotype--Male; Paraguay: Rio Aquidaban, Cerro Cora, 29-xi-1973 [OS Flint, Jr] (alcohol); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Paraguay)

*Helicopsyche (Cochliopsyche) puyoa* KA Johanson, 2003 : NT (Male described originally Holotype--Male; Ecuador: Past Puyo (22 km W), 5-ii-1976 [Spangler et al] (alcohol); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Helicopsyche (Cochliopsyche) vazquezae* (OS Flint, 1986) : NT (Male and female redescribed by KA Johanson, 2003, Insect Syst Evol 34(4): 391-393, f 4, 17-22, 99 Holotype--Male; Mexico: Chiapas, Rio Tulija, 48 km S Palenque, 17-v-1981 [CM & OS Flint, Jr] (pinned); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Chiapas))

*Cochliopsyche vazquezae* OS Flint, 1986

*Helicopsyche (Cochliopsyche) xinguensis* KA Johanson, 2003 : NT (Male described originally Holotype--Male; Brazil: Para, Rio Xingu Camp, 3°39'S, 52°22'W, ca 60 km S Altamira, 1-21-x-1986 [P Spangler & O Flint] (alcohol); deposited in the Museu de Zoologia da Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

#### **subgenus *Feropsyche* KA Johanson, 1998**

*Helicopsyche (Feropsyche) alajuella* KA Johanson & RW Holzenthall, 2010 : NT (Male described originally near *Helicopsyche cipoensis* KA Johanson & T Malm (as *Helicopsyche cipoensis*) Holotype--Male; COSTA RICA: Alajuella, Reserva Forestal San Raon, Rio San Lorencito and tribs, 10.216°N, 084.607°W, 13-16-vi-1988, 980 m [CM & OS Flint, Holzenthall]; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Helicopsyche (Feropsyche) altercoma* L Botosaneanu & OS Flint, 1991 : NT (Male and female described originally

Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 16, 19, f 5, map 1

Additional localities in the Dominican Republic reported by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 8 Holotype--Male; Dominican Republic: Dajabon Province, Rio Massacre, Balneario El Salto, Loma de Cabrera, 222 m, 24-25-v-1973 [D and M Davis]; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 16) Dominican Republic)

*Helicopsyche (Feropsyche) angulata* OS Flint, 1981 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 119, 121, f 61, map 8

Reported from additional localities in Venezuela by KA Johanson & RW Holzenthall, 2004, Zootaxa 711: 29-30, f 87 Holotype--Male; VENEZUELA, AR, Rio El Limon, fish hatchery, Maracay, 3-6-ii-1976 [CM and OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 119) Venezuela)

*Helicopsyche (Feropsyche) apicauda* OS Flint, 1968 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Ent Scand) Suppl No 60*: 99, 101, f 50, map 6 Holotype--Male; Dominica: 1/2 mi W Pont Casse, 22-24-vii-1963 [OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 99) Dominica)

*Helicopsyche (Feropsyche) auroa* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally Holotype--Male; VENEZUELA, Lara, PN [Parque Nacional] Terepaima, Rio Auro near Sabana Alta, 9\*44.740'N, 69\*16.614'W, 480 m, 16-vi-2001, Holzenthal, Blahnik, Paprocki, & Cressa; UMSP000075028; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) blancasi* F Schmid, 1958 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 55-57, f 25, map 4 Holotype--Male; Peru: Rio Zapatilla, 6-xi-1952 [F Blancas]; on microscope slide; deposited in the United States National Museum of Natural History, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 55) Peru)

*Helicopsyche (Feropsyche) blantoni* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche cubana* J Kingsolver, *Helicopsyche linnella* HH Ross, *Helicopsyche breviterga* OS Flint, *Helicopsyche planata* HH Ross, *Helicopsyche valligera* OS Flint, *Helicopsyche molesta* L Botosaneanu, *Helicopsyche grenadensis* OS Flint & JL Sykora, *Helicopsyche sucrensensis* KA Johanson & RW Holzenthal, *Helicopsyche disjuncta* KA Johanson & RW Holzenthal, and *Helicopsyche paprockii* KA Johanson Holotype--Male; PANAMA: Cerro Campana, R Panama, vii-1967, light trap, FS Blanton; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) borealis* (HA Hagen, 1861) : NA, NT (Convergent evolution of cases with shells of *Physa integra* tested by J Berger & J Kaster, 1979, *Evolution* 33(1): 511-513

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 32-37, f 14, map 2

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 41

In laboratory, specimens fed high concentrations of corn pollen with *Bacillus thuringiensis* var *israelensis* had increased mortality according to EJ Rosi-Marshall, JL Tank, TV Royer, MR Whiles, M Evans-White, C Chambers, NA Griffiths, J Pokelsek, & ML Stephen, 2007, *Proceedings of the National Academy of Sciences* 104(41): 16204-16208; see also RN Beachy, NV Fedoroff, RB Goldberg, & A McHughen, 2008, *Proceedings of the national Academy of Sciences* 105(7): E9; W Parrott, 2008, *Proceedings of the National Academy of Sciences* 105(7): E10; and EJ Rosi-Marshall, JL Tank, TV Royer, & MR Whiles, 2008, *Proceedings of the National Academy of Sciences* 105(7): E11

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa* 2689: 44, f 23 Lectotype--Male; Canada: St Lawrence River (Osten Sacken) [original label: 'St Lorenz, Canada, 1859']; pinned; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 32) Canada)

*Notidobia borealis* HA Hagen, 1861

Syn.: *Helicopsyche annulicornis* N Banks, 1904  
Syn.: *Helicopsyche californica* N Banks, 1899  
Syn.: *Helicopsyche glabra* HA Hagen, 1864  
Syn.: *Paludina lustrica* T Say, 1821  
Syn.: *Valvata arenifera* Lea, 1834

*Helicopsyche (Feropsyche) braziliensis* (W Swainson, 1840) : NT (Case described originally

Known only from the original description of the case according to KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 144, f 74 Holotype--Case; Brazil; "No material remains of this species" (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 144) Brazil)

*Thelidomus braziliensis* W Swainson, 1840

*Helicopsyche (Feropsyche) breviterga* OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 63, 65, f 30, map 5

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 30, f 90 Holotype--Male; Colombia: Ant, Boqueron, source Queb Potrereros, W La Fe, 26-ii-1984 [CM & OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 63) Colombia)

*Helicopsyche (Feropsyche) caligata* OS Flint, 1967 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 127-129, f 65, map 9 Holotype--Male; Chile: Prov Valdivia, brook at Fundo Walper, near Valdivia, 16-ii-1958 [J Illies]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 127) Chile)

*Helicopsyche (Feropsyche) camuriensis* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche caligata* OS Flint Holotype--Male; VENEZUELA, Dist Fed [Districto Federal], Rio Camuri Grande, 1 km S Camuri (nucleo USB), 10.616°N, 66.715°W, 30 m, 24-i-19094, Holzenthal, Cressa, & Rincon; UMSP000022236; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) centrocubana* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 46-48, f 20, map 4 Holotype--Male; Cuba: Province Matanzas, Cuabales de Galindo, Valle de Yumuri, vi-1970 [P Alayo]; in alcohol; Zoologisch Museum of Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 46) Cuba)

*Helicopsyche (Feropsyche) chilensis* OS Flint, 1983 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 37-38, f 15, map 2 Holotype--Male; Chile: Est Huequecura, BioBio, 25 km E Sta Barbara, 24-i-1978 [CM & OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washing, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 37) Chile)

*Helicopsyche (Feropsyche) chiriquensis* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche paralimnella* SW Hamilton, *Helicopsyche umbonata* HA Hagen, *Helicopsyche ochtheiphila* OS Flint, *helicopsyche propinqua* L Botosaneanu & OS Flint, *Helicopsyche tuxtlenensis* J Bueno-Soria, *Helicopsyche planata* HH Ross, *Helicopsyche paucispina* L Botosaneanu & OS Flint, *Helicopsyche neblinensis* KA Johanson & RW Holzenthal, *Helicopsyche lara* KA Johanson & RW Holzenthal, and *Helicopsyche cipoensis* KA Johanson

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa* 2689: 44, f 24 Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site, nr Hornios, 1050 m, 08°55'N, 082°16'W, 20-ix--21-xi-1978, LT trap, H Wolda; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) cipoensis* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche sigillata* L Botosaneanu & OS Flint, *Helicopsyche mexicana* N Banks, *Helicopsyche turbida* L Navas, *Helicopsyche centrocubana* L Botosaneanu & OS Flint, *Helicopsyche quadrosa* HH Ross, *Helicopsyche propinqua* L Botosaneanu & OS Flint, *Helicopsyche planata* HH Ross, *Helicopsyche villegasi* DG Denning & RL Blicke, *Helicopsyche neblinensis* KA Johanson & RW Holzenthal, and *Helicopsyche lara* KA Johanson & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Serra do Cipo, 28-ix-1994, H Paprocki; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States

of America Brazil)

*Helicopsyche (Feropsyche) circulata* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche perija* KA Johanson & RW Holzenthal and *Helicopsyche planorboides* ABM Machado Holotype--Male; VENEZUELA: Aragua, 1 km E Estacion Biologica Rancho Grande, 10.352\*N, 67.680\*W, 1100 m, 27-i-1994, Holzenthal, Cressa, Gutic; UMSP000022205; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) cochleara* KA Johanson, 1999 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 133-134, f 69, map 9 Holotype--Male; Ecuador: Past Puyo (27 km N), Est Fluv Metrica, 4-ii-1976 [Spangler et al]; in Canadabalsam; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 133) Ecuador)

*Helicopsyche (Feropsyche) comosa* JM Kingsolver, 1964 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 19-20, f 6, map 1 Holotypoe--Male; Cuba: Pinar del Rio Prov, Aspiro-Rangel, 16-vi-1959, C59-28 [MW Sanderson]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 19) Cuba)

*Helicopsyche (Feropsyche) cotopaxi* L Botosaneanu & OS Flint, 1982 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 129, f 66, map 9 Holotype--Male; Ecuador: Volcan Cotopaxi, torrent 3500 m, xi-1975 [W Bzibziak]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 129) Ecuador)

*Helicopsyche (Feropsyche) cubana* JM Kingsolver, 1964 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 44, 46, f 19, map 3 Holotype--Male; Cuba: Oriente Prov, Moa, 5-vi-1959, C59-17 [MV Sanderson]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 44) Cuba)

*Helicopsyche (Feropsyche) curvipalpia* KA Johanson & T Malm, 2006 : NA (Male described originally near *Helicopsyche borealis* (HA Hagen) Holotype--Male; MEXICO: Chihuahua Hwy 127, 27.7 mi SW L Junta, 0.5 mi N Sierra Alta Tarahumara, 6900 ft, V light, 7-vii-1986, S McCleve & P Jump; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America Mexico (Chihuahua))

*Helicopsyche (Feropsyche) dampfi* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 121-123, f 62, map 8)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 41

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa* 2689: 44, f 25 Holotype--Male; Mexico: Chiapas, Finca Germania, at light, 20-vi-1935, MF4571 [A Dampf], in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 121) Mexico (Chiapas))

*Helicopsyche (Feropsyche) disjuncta* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche minima* C von Siebold Holotype--Male; VENEZUELA, Sucre, Parque Nacional Peninsula de Paria, Uquire, Rio La Viuda, 10\*42.830'N, 61\*57.661'W, 15 m, 30-iii-1-ic-1995, Holzenthal, Flint, & Cressa; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Helicopsyche (Feropsyche) dominicana* L Botosaneanu & OS Flint, 1991 : NT (Male and female described originally)

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 118, f 60, map 8

Additional localities in the Dominican Republic reported by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 8-9 Holotype--Male; Dominican Republic: Convento, 12 km S Constanza, 6-13-vi-1969 [Flint and Gomez]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 118) Dominican Republic)

*Helicopsyche (Feropsyche) dorsocurvata* KA Johanson & RW Holzenthal, 2010 : NT (Male described originally near *Helicopsyche disjuncta* KA Johanson & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, Quebrada Palmitos and falls, 1400 m, 09.72\*N, 083.78\*W, [Holzenthal, Blahnik & Munoz] (UMSP000100631); in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Helicopsyche (Feropsyche) extensa* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 123-125, f 63, map 8)

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 30, f 86 Holotype--Male; Peru: Dept of Cusco, Valley of Cosnipata, 26-xii-1951 [F Woytkowski]; pinned; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 123) Peru)

*Helicopsyche (Feropsyche) falcigona* L Botosaneanu & OS Flint, 1991 : NT (Considered a subspecies of *Helicopsyche ochtheiphila* OS Flint, 1968, by L Botosaneanu & EJ Hyslop, 1998, *Bull Inst r Sci natr Belgique, Entomol* 68: 23)

Male redescribed, restored to species status by KA Johanson, 2002, *Insect Syst & Evol (Entomol Scand) Suppl No 60*: 77-78, f 37, map 5 Holotype--Male; Cuba: Isla de Pinos, Santa Fe, Arroyo La Talega, 22-iv-1973 [L Botosaneanu]; in alcohol; deposited in the Zoological Museum Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 77) Cuba)

*Helicopsyche (Feropsyche) fistulata* OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 68-69, f 32, map 2)

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 30, f 88 Holotype--Male; Colombia: Ant, Queb La Mosca, 1 km W Guarne, 7-ii-1983 [OS Flint, Jr]; pinned, abdomen in glycerine; deposited in the United States National Museum of Natural History, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 68) Colombia)

*Helicopsyche (Feropsyche) flinti* KA Johanson, 1999 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 111, f 56, map 7 Holotype--Male; Brazil: Nova Teutonia, 27\*11'B, 52\*23'L, 9-viii-1936 [F Plaumann]; in Canadabalsam; deposited in The Natural History Museum, London, United Kingdom (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 111) Brazil)

*Helicopsyche (Feropsyche) fridae* KA Johanson, 2003 : NT (Male described originally near *Helicopsyche apicauda* OS Flint, *Helicopsyche lambda* OS Flint, *Helicopsyche kalaom* L Botosaneanu, *Helicopsyche incisa* HH Ross, *Helicopsyche flinti* KA Johanson, *Helicopsyche grenadensis* OS Flint & JL Sykora, *Helicopsyche* L Botosaneanu & JL Sykora, and *Helicopsyche woldai* KA Johanson Holotype--Male; PANAMA: Province of Panama, Barro Colorado Island, Snyder-Molino Trail, marker 3, 18-iii--5-v-1987, H Wolda, light trap; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) golfitoensis* KA Johanson & RW Holzenthal, 2010 : NT (Male described originally near *Helicopsyche tachira* KA Johanson & RW Holzenthal Holotype--Male; COSTA RICA: [Puntarenas] 2.8 mi E of Golfito, 18-19-vii-1967 [OS Flint, JR]; in alcohol; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Costa Rica)

*Helicopsyche (Feropsyche) granpiedrana* L Botosaneanu & JL Sykora, 1973 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 116-118, f 59, map 8 Holotype--Male; Cuba: La Gran Piedra, 7-ii-1967 [R Bielawski]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 116) Cuba)

*Helicopsyche (Feropsyche) grenadensis* OS Flint & JL Sykora, 1993 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 111-114, f 57, map 7)

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 31, f 88 Holotype--Male; Grenada: Paris St Andrews, Clabony, 12-x-1990 [RE Woodruff and A Thomas]; in alcohol; deposited in the Florida State Collection of Arthropods, Gainesville, Florida, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 111) Grenada (Windward Islands))

*Helicopsyche (Feropsyche) guadeloupensis* H Malicky, 1980 : NT (Male redescribed by KA Johanson,



2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 81, 83, f 40, map 4 Holotype--Male; Guadeloupe: Mittellauf des Flusses Lezard bei Chemin de Diane, 20-iii-1979 [Starmuehlnner]; in alcohol; in the H Malicky collection, Lunz am See, Austria (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 81) Guadeloupe Island)  
*Helicopsyche (Feropsyche) hageni* N Banks, 1938 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 79, f 38, map 3

Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, *Proceedings of the International Symposium on Trichoptera 12*: 169-173 Lectotype--Male; Cuba: Oriente, N side Pico Turquino, 4500-6000 ft, 18-20-vi [PJ Darlington]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 79) Cuba)

*Helicopsyche (Feropsyche) haitiensis* N Banks, 1938 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 69, 71, f 33, map 5

Male without secondary sexual modifications according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus 73*(1): 9 Lectotype--Male; Haiti: La Vesite, La Selle Range, 5-7000 ft, 16-23-ix [M Bates]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 69) Haiti)

*Helicopsyche (Feropsyche) helicoidella* JN Vallot, 1855 : NT (Case described originally

Known only from the original description of the case according to KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 139 Holotype--Case; Brazil; "No material remains of this species" (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 139) Brazil)

*Helicopsyche (Feropsyche) incisa* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 105, 107, f 53, map 7

Reported from Barro Colorado Island, Panama, by KA Johanson, 2003, *Zootaxa 283*: 8

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera 12*: 41

Recorded from Mexico, Panama (additional records), and Costa Rica by KA Johanson & T Malm, 2006, *Zootaxa 1208*: 23

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa 2689*: 45, f 26 Holotype--Male; Mexico: Chiapas, Finca Esperanza, 2-v-1938, at light, MF 6888 [A Dampf]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 105) Mexico (Chiapas))

*Helicopsyche (Feropsyche) kalaom* L Botosaneanu, 1996 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 103, 105, f 52, map 6

Reported from La Vega (type), Peravia, and Pedernales, male maxillary palps described by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus 73*(1): 9 Holotype--Male; Dominican Republic: Cordillera Central, springbrook, some 150 m from Salto Agua Blanca, road to pueblo Convento, 11-v-1955 [L Botosaneanu]; in alcohol; deposited in the Zoological Museum Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 103) Dominican Republic)

*Helicopsyche (Feropsyche) kingstona* KA Johanson, 2003 : NT (Male described originally near *Helicopsyche villegasi* DG Denning and *Helicopsyche turbida* L Navas Holotype--Male; JAMAICA: 5 mi directly W of Kingston, TRC, ACS [Sears Gardner Glaser]; in alcohol; deposited in the University of California, Davis, California, United States of America Jamaica)

*Helicopsyche (Feropsyche) lambda* OS Flint, 1983 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Ent Scand) Suppl No 60*: 101, 103, f 51, map 7 Holotype--Male; Argentina: Pcia Misiones, Arroyo Piray Mini, Rt 17, W Dos Hermanas, 23-xi-1973 [OS Flint, Jr]; pinned; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 101) Argentina)

*Helicopsyche (Feropsyche) laneblina* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally Holotype--Male; VENEZUELA: TFA [Territorio Federal Amazonas = Estado Amazonas], Camp VII, Cerro de la Neblina, 0°51'N, 65°58'W, 1800 m, 30-i-10-ii-1985, PJ & PM Spangler, & RA Faitoute; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Helicopsyche (Feropsyche) lara* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche neblinensis* KA Johanson & RW Holzenthal Holotype--Male; VENEZUELA, Lara, Parque Nacional Dinira, Quebrada Buenos Aires, 9°36.407'N, 70°04.178'W, 1850 m, 18-19-vi-2001, Holzenthal, Blahnik, Paprocki, & Cressa; UMSPO00074735; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) lewalleni* DG Denning & RL Blickle, 1979 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 28-30, f 12, map 1*)

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa* 2689: 45, f 23 Holotype--Male; El Salvador: La Libertad, west bank Rio Chilama, 20-ii-1969, light trap [LL Lewallen]; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 28*) El Salvador)

*Helicopsyche (Feropsyche) limnella* HH Ross, 1938 : NA (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 50-51, f 22, map 3* Holotype--Male; United States of America: Arkansas, McFadden Springs, 5-vi-1937 [HH Ross]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 50*) United States of America)

*Helicopsyche (Feropsyche) linabena* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche hageni* N Banks Holotype--Male; VENEZUELA: TFA [Territorio Federal Amazonas = Estado Amazonas], Camp IV, Cerro de la Neblina, 0°58'N, 65°57'W, 760 m, 15-18-iii-1984, OS Flint, Jr; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Helicopsyche (Feropsyche) linguata* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche hageni* N Banks, *Helicopsyche guadeloupensis* H Malicky, *Helicopsyche molesta* L Botosaneanu, *Helicopsyche rentzi* DG Denning & RL Blickle, and *Helicopsyche linabena* KA Johanson & RW Holzenthal Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site, nr Hornitos, 1050 m, 08°55'N, 082°16'W, 13-19-vii-1977, LT trap, H Wolda; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) lutea* (HA Hagen, 1861) : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 138-139, f 72*)

Male redescribed, near *Helicopsyche altercoma*, by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 9-10 Lectotype--Female; Santo Domingo (KA Johanson, 2002, Dominican Republic)

*Notidobia lutea* HA Hagen, 1861

*Helicopsyche (Feropsyche) maculisternum* L Botosaneanu, 1993 : NT (Male redescribed, in part as *Helicopsyche peruana*, by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 59-61, 27, map 5*)

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 31, f 88 Holotype--Male; Trinidad: Northern Range, stream below Maracas Waterfall, light, 12-iv-1991 [L Botosaneanu & D Sakal]; in alcohol; deposited in the Zoologisch Museum of Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 59*) Trinidad)

Syn.: *Valvata agglutinans*, 1864

*Helicopsyche (Feropsyche) melanochaeta* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Helicopsyche comosa* JM Kingsolver, *Helicopsyche poliochaeta* OS Flint & JL Sykora, and *Helicopsyche altercoma* L Botosaneanu & OS Flint, from the Dominican Republic (Pedernales, Barahona, La Altigracia) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 21 km N Pedernales, 18°09.3'N, 71°45.6'W, 280 m, 14 May 1995, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Helicopsyche (Feropsyche) merida* L Botosaneanu & OS Flint, 1982 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 65-66, 68, f 31, map 3*)

Reported from additional localities in Venezuela by KA Johanson & RW Holzenthal, 2004, Zootaxa 711: 31, f 90 Holotype--Male; VENEZUELA: ME, 11 km SE Apartaderos, 23-ii-1976 [CM & OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 65) Venezuela)

*Helicopsyche (Feropsyche) mexicana* N Banks, 1901 : NA, NT (Genetic variation in relation to dispersal capability reported by MP Miller, DW Blinn, P Keim, 2002, Freshwater Biology 47(9): 1660-1673

Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 38, 40, f 16, map 3

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, Zootaxa 2689: 45, f 26 Holotype--Male; Mexico: [Morelos] Cuernavaca, May; pinned; deposited in the the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 38) Mexico (Morelos))

Syn.: *Helicopsyche arizonensis* N Banks, 1907

*Helicopsyche (Feropsyche) minima* C von Siebold, 1856 : NT (Case described originally

Additional information provided by HA Hagen, 1864, Stett Entomol Zeitschr 25: 113-144, 221-262

Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 53, 55, f 24, map 4

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Holotype--Case Puerto Rico)

*Helicopsyche (Feropsyche) minuscula* AV Martynov, 1912 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 137, f 71, map 9 Holotype--Female (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 137) Peru)

*Helicopsyche (Feropsyche) molesta* L Botosaneanu, 1998 : NT (Described originally as a subspecies of *Helicopsyche occidentalis* L Botosaneanu & OS Flint, 1991

Male redescribed, elevated to species rank by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 93, 95, f 47, map 6 Holotype--Male; Jamaica: Hanover (Luca), streamlet tributary of E Lucea River, 4-x-1997 [L Botosaneanu]; in alcohol; deposited in the Zoologisch Museum Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 93) Jamaica)

*Helicopsyche (Feropsyche) monda* OS Flint, 1983 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Ent Scand) Suppl No 60: 92-93, f 46, map 6

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, Zootaxa 711: 31, f 87 Holotype--Male; Paraguay: Salto del Monday, nr Pto Pres Franco, 26-xi-1973 [OS Flint Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution; Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 92) Paraguay)

*Helicopsyche (Feropsyche) montana* J Felber, 1912 : NA, NT (Larva, pupa, and case described originally

Known only from the original description of the case according to KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 141-144, f 73 Holotype--Larva or Pupa; Mexico; "The type material is considered lost" (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 143) "Mexico")

*Helicopsyche (Feropsyche) muelleri* N Banks, 1920 : NT (Described originally as *Helicopsyche muelleri*)

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 48, 50, f 21, map 3 Lectotype--Male; Brazil: Santa Catharine [F Mueller]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 48) Brazil)

Syn.: *Helicopsyche angelae* G Marlier, 1964

*Helicopsyche (Feropsyche) neblinensis* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche lara* KA Johanson & RW Holzenthal Holotype--Male; VENEZUELA, TFA [Territorio Federal Amazonas = Estado Amazonas], Cerro de la Neblina, Basecamp, 0°51'N, 66°10'W, 140 m, 13-15-iii-1984, OS Flint, Jr, & J Louton; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Helicopsyche (Feropsyche) nigrisensilla* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 109-110, f 55, map 7)

Additional localities in the Dominican Republic, male without secondary sexual characters, reported by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 10-11 Holotype--Male; Dominican Republic: 20 km S Constanza, 3-7-vi-1969 [Flint and Gomez]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 109) Dominican Republic)

*Helicopsyche (Feropsyche) occidentalis* L Botosaneanu & OS Flint, 1991 : NT (Described originally as a subspecies of *Helicopsyche cubana* JM Kingsolver)

Elevated to species rank by L Botosaneanu, 1994, *Trop Zool* 7(2): 451-475

Divided into subspecies by L Botosaneanu, 1998, in L Botosaneanu & EJ Hyslop, *Bull Inst r Sci natr Belgique, Entomol* 68: 24

Subspecies *Helicopsyche occidentalis molesta* L Botosaneanu, 1998, elevated to species status by KA Johanson, 2002, *Ins Syst & Evol (Ent Scand) Suppl No 60*: 93, 95

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 42, 44, f 18, map 2 Holotype--Male; Cuba: Pinar del Rio Province, Soroa, Rio El Manantiales, 3-v-1973 [L Botosaneanu]; in alcohol; deposited in the Zoologisch Museum of Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 42) Cuba)

*Helicopsyche (Feropsyche) ochthephila* OS Flint, 1968 : NT (Description of head and maxillary palp by L Botosaneanu & EJ Hyslop, 1998, *Bull Inst r Sci natr Belgique, Entomol* 68: 23, 24, f 48)

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 75-77, f 36, map 2 Holotype--Male; Jamaica: St Andrew Parish, Hardwar Gap, Dicks Pond Trail, 25-vii-1962 [O & R Flint, T Farr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 75) Jamaica)

*Helicopsyche (Feropsyche) paprockii* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche cubana* J Kingsolver, *Helicopsyche limnella* HH Ross, *Helicopsyche planata* HH Ross, *Helicopsyche lambda* OS Flint, *Helicopsyche incisa* HH Ross, *Helicopsyche flinti* KA Johanson, and *Helicopsyche blantoni* KA Johanson Holotype--Male; BRAZIL: Minas Gerais, Serra do Cipo, 28-ix-1994, H Paprocki; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Helicopsyche (Feropsyche) parahageni* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, closely resembling *Helicopsyche hageni* Banks, from the Dominican Republic (Barahona, Independencia, Pedernales) Holotype--Male; DOMINICAN REPUBLIC: [Barahona Province], San Rafael, 8.3 km S of Baoruco, 18°01.9'N, 71°08.4'W, 30 m, 11 May 1995, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Helicopsyche (Feropsyche) paralimnella* SW Hamilton, 1989 : NA (Male redescribed by KA

Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 51, 53, f 23, map 4 United States of America)

*Helicopsyche (Feropsyche) paucispina* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Ent Scand) Suppl No 60*: 97-99, f 49, map 6 Holotype--Male; Cuba: Pinar del Rio Province, Vinales, San Vincente, Arroyo del Aqueducto, vi-1965 [P Aloyo]; in alcohol; Zoological Museum Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 97) Cuba)

*Helicopsyche (Feropsyche) perija* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche circulata* KA Johanson & RW Holzenthal and *Helicopsyche planorboides* ABM Machado Holotype--Male; VENEZUELA: Tachira, trib to Rio El Valle, 3.8 km SE El Zumbador, 7\*57.411'N, 72\*04.394'W, 2730 m, 21-iv-1995, Holzenthal, Cressa, Rincon; UMSP000022197; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) peruana* N Banks, 1920 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 61, f 28, map 2

Illustrations by KA Johanson, 2002, are of *Helicopsyche maculisternum* L Botosaneanu; male redescribed near *Helicopsyche merida* L Botosaneanu & OS Flint, *Helicopsyche maculisternum* L Botosaneanu, and *Helicopsyche breviterga* OS Flint by KA Johanson, 2003, *Zootaxa* 266: 1-4 Holotype--Male; Peru: Natucana [is probably Matucana], 7788 ft, 14-vi [HS Parish]; pinned; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 61) Peru)

*Helicopsyche (Feropsyche) pietia* DG Denning, 1964 : NA (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 61, 63, f 29, map 5 Holotype--Male; Mexico: Baja California, 3 mi SW Mission San Javier, SW Loreto, 14-xii-1958 [HB Leech]; in alcohol; deposited in the California Academy of Science, San Francisco, California, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 61) Mexico (Baja California))

*Helicopsyche (Feropsyche) piroa* HH Ross, 1944 : NA (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 24-26, f 10, map 1

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 41 Holotype--Male; United States of America: Texas, San Antonio, San Antonio River, 10-viii-1939 [H Alexander]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 24) United States of America)

*Helicopsyche (Feropsyche) planata* HH Ross, 1956 : NA, NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 88, 90, f 43-44, map 4

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 41 Holotype--Male; Mexico: Chiapas, San Cristobal, at light, 7-vii-1921, MF1021 [A Dampf]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 88) Mexico (Chiapas))

*Helicopsyche (Feropsyche) planorboides* ABM Machado, 1957 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 135, 137, f 70, map 9 Brazil)

*Helicopsyche (Feropsyche) poliochaeta* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, in the *Helicopsyche comosa* Group near *Helicopsyche melanochaeta* OS Flint & JL Sykora, from the Dominican Republic (Pedernales, Elias Pina, El Seibo, La Altagracia) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 21 km N Pedernales, 18\*09.3'N, 71\*45.6'W, 280 m, 14 May 1995, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Helicopsyche (Feropsyche) propinqua* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 83-84, 86, f 41, map 3 Holotype--

Male; Puerto Rico: Toro Negro For, Dona Juana, 23-24-vi-1969 [OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History; Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 83) Puerto Rico)

*Helicopsyche (Feropsyche) quadrosa* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 81, f 39, map 4 Holotype--Male; Mexico: Chiapas, Finca Victoria, 1-vi-1935, MF 4391 [A Dampf]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 81) Mexico (Chiapas))

*Helicopsyche (Feropsyche) ramosi* OS Flint, 1964 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 95-97, f 48, map 6 Holotype--Male; Puerto Rico: Km 22, Yauco-Lares Rd, at light, 18-vii-1953 [JA Ramos & J Maldonado]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 95) Puerto Rico)

*Helicopsyche (Feropsyche) rentzi* DG Denning & RL Blicke, 1979 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 115-116, f 58, map 8

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, Zootaxa 2689: 46, f 27 Holotype--Male; Costa Rica: Guanacaste, Finca La Pacifica, 10 mi N Canas, 10-ii-1969 [DC Rentz]; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 115) Costa Rica)

*Helicopsyche (Feropsyche) sanblasensis* KA Johanson & T Malm, 2006 : NT (Male described originally near *Helicopsyche extensa* HH Ross and *Helicopsyche dampfi* HH Ross Holotype--Male; PANAMA: San Blas, 2 km S Nusagandi, 3-iii-1985, Flint & Louton; pinned, genitalia in glycerol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) scalaris* HA Hagen, 1864 : NT (Case described originally

Known only from the original description of the case according to KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 140-141 Holotype--Case; VENEZUELA; "No material remains of this species" (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 140) Venezuela)

*Helicopsyche (Feropsyche) selanderi* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 129-131, f 67, map 9

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, Zootaxa 711: 32, f 87

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, Zootaxa 2689: 46, f 27 Holotype--Male; Mexico: Michoacan, 20 mi W Morelia [RB and JM Selander]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 129) Mexico (Michoacan))

*Helicopsyche (Feropsyche) septifera* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Helicopsyche haitiensis* N Banks, from the Dominican Republic (Pedernales, Barahona) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 21 km N Pedernales, 18°09.3N, 71°45.6'W, 280 m, 14 May 1995, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Helicopsyche (Feropsyche) sigillata* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 20, f 7, map 1 Holotype--Male; Cuba: Oriente Province, Baracoa, Monte Iberia, 22-xii-1977 [N Novoa]; in alcohol; deposited in the Zoologisch Museum of Amsterdam, Amsterdam, The Netherlands (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 20) Cuba)

*Helicopsyche (Feropsyche) singularis* L Botosaneanu & OS Flint, 1991 : NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 131-133, f 68, map 9 Puerto Rico)

*Helicopsyche (Feropsyche) sinuata* DG Denning & RL Blicke, 1979 : NA, NT (Male redescribed by KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 125, 127, f 64, map 8

Recorded from Mexico by KA Johanson & T Malm, 2006, Zootaxa 1208: 23 Holotype--Male; United States of America: California, San Bernadino Co, Sheep Creek Canyon, 5-v-1950 [AL Melander]; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (KA Johanson, 2002, Ins Syst & Evol (Entomol Scand) Suppl No 60: 125) United States of

America)

*Helicopsyche (Feropsyche) succincta* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche flinti* KA Johanson Holotype--Male; VENEZUELA, TFA [Territorio Federal Amazonas = Estado Amazonas], Camp XII, 1950 m, near Pico Phelps, 26-ii-1985, WE Steiner, W Buck, B Boom, C Brewer; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Helicopsyche (Feropsyche) sucrensis* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally Holotype--Male; VENEZUELA, Sucre, Peninsula de Paria, Puerto Viejo, "Rio el Pozo," 10°43.073'N, 62°28.569'W, 20 m, 3-iv-1995, Holzenthal, Flint, & Cressa; UMSP000022229; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) tachira* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally Holotype--Male; VENEZUELA, Tachira, trib to Rio El Valle, 3.8 km SE El Zumbador, 7°57.411'N, 72°4.394'W, 2730 m, 21-iv-1995, Holzenthal, Cressa, Gutic; UMSP000022232; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) tapadas* DG Denning, 1966 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 26, 28, f 11, map 1* Holotype--Male; Mexico: Nayarit, Arroyo Santiago, 3 mi NW Jesus Maria, 4-6-v-1955, light, [B Malkin]; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 26* Mexico (Nayarit))

*Helicopsyche (Feropsyche) temora* DG Denning & RL Blickle, 1979 : NA (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 30, 32, f 13, map 1* Holotype--Male; Mexico: Chihuahua, 4 mi SW Temoris, 4700', 6-viii-19688 [TA Sears, RG Gardner, & CS Glaser]; in alcohol; deposited in the University of California, Davis, California, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 30* Mexico (Chihuahua))

*Helicopsyche (Feropsyche) thelidomus* HA Hagen, 1864 : NT (Case described originally

Known only from the original description of the case according to KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 139-140* Holotype--Case; VENEZUELA; "No material remains of this species" (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 139* Venezuela)

*Helicopsyche (Feropsyche) truncata* HH Ross, 1956 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 71-73, f 34, map 5*

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa 2689: 46, f 27* Holotype--Male; Mexico: Chiapas, Finca Vergel, at light, 19-v-1935, MF4210 [A Dampf]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 71* Mexico (Chiapas))

*Helicopsyche (Feropsyche) turbida* L Navas, 1923 : NT (A synonym of *Helicopsyche muelleri* according to OS Flint, 1967, *P United States Mus 123(3619): 25*, and KA Johanson, 1998, *Ent Scand Suppl 53: 132*, but a distinct species according to OS Flint, 1982, *Biol Acuat 2: 63* and OS Flint, 1983, *Smiths Contrib Zool 377: 91* and OS Flint, 1999, personal communication

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 40-42, f 17, map 2* Holotype--Female; repository unknown (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 40* (country ?))

*Helicopsyche (Feropsyche) tuxtlenensis* J Bueno-Soria, 1983 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 86, 88, f 42, map 2*

Reported from Barro Colorado Island, Panama, by KA Johanson, 2003, *Zootaxa 283: 8* Mexico (Veracruz))

*Helicopsyche (Feropsyche) umbonata* HA Hagen, 1864 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 73, 75, f 35, map 5* "The types are lost" (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 73* Jamaica)

*Helicopsyche (Feropsyche) valligera* OS Flint, 1983 : NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 90, 92, f 45, map 4* Holotype--Male; Argentina: Mnes, Ao Coati, 15 km E San Jose, 18-19-xi-1973 [OS Flint, Jr]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60: 90* Argentina)

*Helicopsyche (Feropsyche) venezuelensis* KA Johanson & RW Holzenthal, 2004 : NT (Male described originally near *Helicopsyche falcigona* L Botosaneanu & OS Flint Holotype--Male; VENEZUELA, Miranda, Rio Caruao, 1.6 km S Caruao, 10.597\*N, 66.346\*W, 5 m, 26-i-1994, Holzenthal, Cressa, & Rincon; UMSPO00022215; pinned; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Helicopsyche (Feropsyche) vergelana* HH Ross, 1956 : NA, NT (Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 21-24, f 8-9, map 1

Reported from Barro Colorado Island, Panama, by KA Johanson, 2003, *Zootaxa* 283: 8

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 32, f 86

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 41

Reported from Costa Rica by KA Johanson & RW Holzenthal, 2010, *Zootaxa* 2689: 46, f 26 Holotype--Male; Mexico: Chiapas, Finca Vergel, 30-v-1935, at light, MF 4353 [A Dampf]; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 21) Mexico (Chiapas))

Syn.: *Helicopsyche margaritensis* L Botosaneanu, 1959

*Helicopsyche (Feropsyche) villegasi* DG Denning & RL Blickle, 1979 : NA (

Male redescribed by KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 107, 109, f 54, map 7

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 Holotype--Male; Mexico: Zacatecas, about 4 km W Nochistlan, 22-23-ix-1970, 1930 m, Rio de Nochistlan, at dam named Presada "Las Tuzas" [B Villegas]; in alcohol; deposited in the University of California, Davis, California, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 107) Mexico (Zacatecas))

*Helicopsyche (Feropsyche) woldai* KA Johanson, 2003 : NT (Male described originally near *Helicopsyche grenadensis* OS Flint & JL Sykora and *Helicopsyche minima* Siebold

Additional records for Panama provided by KA Johanson & T Malm, 2006, *Zootaxa* 1208: 22-23 Holotype--Male; PANAMA: Province of Panama, Barro Colorado Island, Snyder-Molino Trail, marker 3, 27-v--1-ix-1987, H Wolda, light trap; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Helicopsyche (Feropsyche) woytkowskii* HH Ross, 1956 : NT (Considered a synonym of *Helicopsyche peruana* N Banks, 1920, by OS Flint, 1967, *P United States Mus* 123(3619): 25

Restored to species status by OS Flint, 1996, in DE Wilson & A Sandoval, *Manu: The Biodiversity of Southeastern Peru*, p 428

Male redescribed by KA Johanson, 2002, *Insect Syst & Evol (Entomol Scand)*, *Suppl No 60*: 57-58, f 26A-G, map 5

Reported from Venezuela by KA Johanson & RW Holzenthal, 2004, *Zootaxa* 711: 32-33, f 89 Holotype--Male; PERU: Santa Isabel, Cosnipata Valley, Dept of Casco, 9-i-1952 [F Woytkowski]; pinned; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KA Johanson, 2002, *Ins Syst & Evol (Entomol Scand) Suppl No 60*: 57) Peru)

#### **subgenus *Galeopsyche* KA Johanson, 1998**

*Helicopsyche (Galeopsyche) coreana* W Mey, 1991 (Korean People's Democratic Republic)

*Helicopsyche (Galeopsyche) khemoiensis* PW Scheffer & KA Johanson, 2001 (Male, female, larva, and pupal case described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34 Holotype--Male; Vietnam: Nghe An, West of Con Cuong, Khe Moi Forestry Camp, 28 Oct 1994, DC Currie, ROM946112, coal oil lantern, tropical



forest, Khe Moi River margin; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

**subgenus *Helicopsyche* C von Siebold, 1856**

*Helicopsyche (Helicopsyche) adebratti* KA Johanson, 2001 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 27-iii-1988, at light (Stig Adebratt); in alcohol; deposited in the Swedish Natural History Museum, Stockholm, Sweden Malaysia (Sabah))

*Helicopsyche (Helicopsyche) admata* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Helicopsyche (Helicopsyche) agenor* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Helicopsyche (Helicopsyche) amarawathi* F Schmid, 1958 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) anaksaku* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Helicopsyche (Helicopsyche) anaktangga* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Helicopsyche (Helicopsyche) angusta* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Laos, distinguished from other Laotian species by KA Johanson & T Malm, 2007, Zootaxa 1407: 20, 22

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Helicopsyche (Helicopsyche) antikleia* H Malicky, 1997 : OL (Laos)

*Helicopsyche (Helicopsyche) antinoe* (F Schmid, 1993) : OL (India)

*Cochliophylax antinoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) arayar* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) arsinoe* (F Schmid, 1993) : OL (India)

*Cochliophylax arsinoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) astynome* (F Schmid, 1993) : OL (India)

*Cochliophylax astynome* F Schmid, 1993

*Helicopsyche (Helicopsyche) ategenta* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Helicopsyche (Helicopsyche) azunensis* PW Schefter & KA Johanson, 2001 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Holotype--Male; Vietnam: Gia Lai, An Khe Dist, Tram Lap, Azun R, 2 km NW on trail from forestry building, 17 Jun 1996, DC Currie, J Swann, ROM961056, UV light, at rainforest edge/coffee plantation, 14°27'n, 108°33'E; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Helicopsyche (Helicopsyche) bacescui* T Orghidan & L Botosaneanu, 1953 (Reported from Hungary by S Nogradi, 1998, Folia Entomol Hungarica 59: 73-78

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Roumania)

*Helicopsyche (Helicopsyche) boniata* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Helicopsyche (Helicopsyche) calliope* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) callirrhoe* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) ceylanica* F Brauer, 1866 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) chionodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) chrysothoe* (F Schmid, 1993) : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Cochliophylax chrysothoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) cleodoce* (F Schmid, 1993) : OL (Nepal)

*Cochliophylax cleodoce* F Schmid, 1993

*Helicopsyche (Helicopsyche) cymodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) dacklestensis* PW Schefter & KA Johanson, 2001 : OL (Male described originally

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Holotype--Male; Vietnam: Gia Lai, An Khe Dist, Dacklest River, 5.2 km NE Tram Lap on forest road, 28 Jun 1996, DC Currie, J Swann, ROM961102, UV light, 200 m upstream bridge, 1\* [primary] rainforest, 900 m, 14°24'N, 108°33'E; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Helicopsyche (Helicopsyche) demodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) elisa* H Malicky, 2008 : OL (Male described originally near Helicopsyche adebratti KA Johanson Holotype--Male; MALAYSIA: Sarawak, Bako National Park, Ulu Serait, 100 m, 13-v-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sarawak))

*Helicopsyche (Helicopsyche) erigone* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) erythronoe* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) euchloe* F Schmid, 1993 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) euryboe* (F Schmid, 1993) : OL (India)

*Cochliophylax euryboe* F Schmid, 1993

*Helicopsyche (Helicopsyche) eurycrene* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) eurynoe* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) gudrunae* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) harmothoe* (F Schmid, 1993) : OL (India)

*Cochliophylax harmothoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) helicifex* (EA Allen, 1857) (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Nova Acta Cientifica Compostelana (Biologia) 11: 215-223 Portugal)

*Pikea helicifex* EA Allen, 1857

Syn.: *Helicopsyche lusitanica* R McLachlan, 1884

Syn.: *Helicopsyche sericea* HA Hagen, 1864

*Helicopsyche (Helicopsyche) hippothoe* (F Schmid, 1993) : OL (India)

*Cochliophylax hippothoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) itonoe* (F Schmid, 1993) : OL (India)

*Cochliophylax itonoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) laothoe* (F Schmid, 1993) : OL (India)

*Cochliophylax laothoe* F Schmid, 1993

*Helicopsyche (Helicopsyche) lata* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Helicopsyche (Helicopsyche) leucothoe* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) maculata* ME Mosely, 1939 : OL (India)

*Helicopsyche (Helicopsyche) martynovi* ME Mosely, 1939 : OL (Myanmar)

*Helicopsyche (Helicopsyche) megalochari* H Malicky, 1974 (Greece)

*Helicopsyche (Helicopsyche) minuta* ME Mosely, 1939 : OL (Myanmar)

*Helicopsyche (Helicopsyche) minyas* H Malicky & J Nawvong, 2004 : OL (Male described originally Holotype--Male; Thailand: Phrae Province, Wieng Ko Sai National Park, lower Nam Panjaen, 17°56'N, 99°34'E, 270 m, 22--23-11-2002, leg J Naewong; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))

*Helicopsyche (Helicopsyche) myrrhine* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) namtok* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Helicopsyche (Helicopsyche) nastia* H Malicky & S Melnitsky, 2008 : OL (Male described originally near Helicopsyche chrysothoe F Schmid Holotype--Male; THAILAND: Trat Province, Chang Island, river Khlong Plu, over the Khlong Plu Waterfall, h=126 m, 12°03'56.74"N, 102°18'51.30"E, at UV light trap, 21-ii-2007, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St. Petersburg, Russia Thailand)

*Helicopsyche (Helicopsyche) oenodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) pathoumthongi* KA Johanson & T Malm, 2007 : OL (Male described originally near Helicopsyche antikleia H Malicky Holotype--Male; LAOS PEOPLE'S DEMOCRATIC REPUBLIC: Luang Namtha Prov, Nam Ha NBCA, Lakkhammai Village, Niam Leung stream, light trap, loc 29, 21.152°N, 101.355°E [UTM 47Q 0744602, 2339873], 749 m, 30-iv-2005, Joensson, Malm, & Viklund; in alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Helicopsyche (Helicopsyche) petri* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) philodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) phoebe* (F Schmid, 1993) : OL (India)

*Cochliophylax phoebe* F Schmid, 1993

*Helicopsyche (Helicopsyche) puttula* H Malicky & P Chantaramongkol, 1992 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Helicopsyche (Helicopsyche) rodschana* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Helicopsyche (Helicopsyche) ruprawathi* F Schmid, 1958 : OL (Sri Lanka)  
*Helicopsyche (Helicopsyche) salika* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)  
*Helicopsyche (Helicopsyche) schmidi* KA Johanson, 2001 : OL (Holotype--male; India: Bandarkhal, 9-V-1960 [F Schmid]; deposited in the Zoologisches Museum, Amsterdam, The Netherlands India)  
*Helicopsyche (Helicopsyche) shaunga* ME Mosely, 1939 : OL (Myanmar)  
*Helicopsyche (Helicopsyche) shuttleworthi* C von Siebold, 1856 (Larval silk weave and silk glands described by F Cianficconi & G Moretti, 2000, Aq Ins 22(1): 58-65

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Endemic to geographic Italy (Sardinia, Corsica, Capraia), as *Helicopsyche revelieri* McLachlan, according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica)

Syn.: *Helicopsyche corsica* F Vaillant, 1953

Syn.: *Helicopsyche revelieri* R McLachlan, 1884

*Helicopsyche (Helicopsyche) siama* KA Johanson, 1994 : OL (Thailand)

*Helicopsyche (Helicopsyche) sperata* R McLachlan, 1876 (Larval silk weave and silk glands described by F Cianficconi & G Moretti, 2000, Aq Ins 22(1): 58-65

Habitat in hygropetric mosses (as *Helicopsyche crispata* Benoit) discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76 Italy)

Syn.: *Helicopsyche fannii* , 1879

Syn.: *Valvata agglutinans* , 1858

Syn.: *Valvata crispata* , 1857

*Helicopsyche (Helicopsyche) srilanka* H Malicky, 1973 : OL (Sri Lanka)

*Helicopsyche (Helicopsyche) theodoce* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) thyonoe* F Schmid, 1993 : OL (India)

*Helicopsyche (Helicopsyche) xenothoe* (F Schmid, 1993) : OL (India)

*Cochliophylax xenothoe* F Schmid, 1993

#### **subgenus *Petrotrichia* G Ulmer, 1910**

*Helicopsyche (Petrotrichia) ambodiva* KA Johanson & J Olah, 2006 : AT (Male described originally near *Helicopsyche anomana* KA Johanson Holotype--Male; MADAGASCAR: Maroantsetra, Ambodivoangy, iii-1957, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Helicopsyche (Petrotrichia) annae* KA Johanson, 1993 : AT (Tanzania)

*Helicopsyche (Petrotrichia) anomana* KA Johanson, 2002 : AT (Holotype--Male ("Female"); Madagascar: Rianila Basin, Sahatandra River, at Ambod irina, 48\*20'28"E, 19\*01'32"S (LRSAE coll) [no date given]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Madagascar)

*Helicopsyche (Petrotrichia) barbata* KA Johanson, 1993 : AT (Tanzania)

*Helicopsyche (Petrotrichia) bifida* KA Johanson, 1993 : AT (Tanzania)

*Helicopsyche (Petrotrichia) giboni* KA Johanson, 1977 : AT (Madagascar)

*Helicopsyche (Petrotrichia) jacquemarti* KA Johanson, 1993 : AT (Tanzania)

*Helicopsyche (Petrotrichia) kantilali* G Marlier & H Malicky, 1979 : AT (Seychelles)

*Helicopsyche (Petrotrichia) marlieri* S Jacquemart, 1957 : AT (Democratic Republic of the Congo)

*Helicopsyche (Petrotrichia) ninakhosa* KA Johanson & J Olah, 2006 : AT (Male described originally near *Helicopsyche sahadika* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Domongloy, Mananteina Fort, Dauphin District, xii-1948, Hoogstraal; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Helicopsyche (Petrotrichia) palpalis* (G Ulmer, 1910) : AT (Seychelles)

*Petrotrichia palpalis* G Ulmer, 1910

*Helicopsyche (Petrotrichia) pedunculata* KA Johanson, 1993 : AT (Tanzania)

*Helicopsyche (Petrotrichia) sahadika* KA Johanson & J Olah, 2006 : AT (Male described originally near Helicopsyche ninakhosa KA Johanson & J Olah Holotype--Male; MADAGASCAR: Domongloy, Mananteina Fort, Dauphin District, xii-1948, Hoogstraal; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)  
*Helicopsyche (Petrotrichia) stoltzei* KA Johanson, 1993 : AT (Tanzania)  
*Helicopsyche (Petrotrichia) tanzanica* KA Johanson, 1993 : AT (Tanzania)  
*Helicopsyche (Petrotrichia) ulugurensis* KA Johanson, 1993 : AT (Tanzania)  
*Helicopsyche (Petrotrichia) usambarensis* KA Johanson, 1993 : AT (Tanzania)

**subgenus *Saetotricha* F Brauer, 1865**

*Helicopsyche (Saetotricha) albescens* RJ Tillyard, 1924 : AU (Female described by KA Johanson, 1999, Entomol Scand 30(3): 270 New Zealand)  
*Helicopsyche (Saetotricha) albidela* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) alicae* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) arenaria* HH Ross, 1975 : AU (Larva described and male redescribed by KA Johanson and PW Schefter, Entomol Scand 30(1): 10, 13 New Caledonia)  
*Helicopsyche (Saetotricha) arma* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) asymmetrica* HH Ross, 1975 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) baroua* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) bartona* ME Mosely, 1953 : AU (Australia)  
*Helicopsyche (Saetotricha) bellangrensis* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) boularia* HH Ross, 1975 : AU (Female and larva described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 5 New Caledonia)  
*Helicopsyche (Saetotricha) braueri* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) browni* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) caledonia* HH Ross, 1975 : AU (Female and larva and pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 7-9 New Caledonia)  
*Helicopsyche (Saetotricha) cochleaetesta* K Korboot, 1964 : AU (Australia)  
*Helicopsyche (Saetotricha) copulata* KA Johanson, 1997 : AU (Copulation mechanism described with original description Australia)  
*Helicopsyche (Saetotricha) curva* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) cuvieri* KA Johanson, 1999 : AU (New Zealand)  
*Helicopsyche (Saetotricha) edmundsi* HH Ross, 1975 : AU (Female and larva and pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 15-18 New Caledonia)  
*Helicopsyche (Saetotricha) fusca* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) gibbsi* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) haurapango* KA Johanson, 1999 : AU (New Zealand)  
*Helicopsyche (Saetotricha) heacota* ME Mosely, 1953 : AU (Australia)  
*Helicopsyche (Saetotricha) hollowayi* HH Ross, 1975 : AU (Female and larva described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 26-27 New Caledonia)  
*Helicopsyche (Saetotricha) howesi* RJ Tillyard, 1924 : AU (Female described by KA Johanson, 1999, Entomol Scand 30(3): 273 New Zealand)  
*Helicopsyche (Saetotricha) kakadu* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) kariona* HH Ross, 1975 : AU (Larva and pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 21, 23 New Caledonia)  
*Helicopsyche (Saetotricha) koghiensis* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) koumaca* HH Ross, 1975 : AU (Pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 23 New Caledonia)  
*Helicopsyche (Saetotricha) lapidaria* HH Ross, 1975 : AU (Larva and pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 19, 20 New Caledonia)  
*Helicopsyche (Saetotricha) livida* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) murrumba* ME Mosely, 1953 : AU (Australia)  
*Helicopsyche (Saetotricha) nevoissi* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) neocaledonia* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) nigrospinosa* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) ouaroua* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) patriciae* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) pellmyri* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) penicilla* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) petersorum* HH Ross, 1975 : AU (Male redescribed by KA Johanson, 1999,

Entomol Scand 30(1): 28 New Caledonia)  
*Helicopsyche (Saetotricha) poutini* AG McFarlane, 1964 : AU (Female described by KA Johanson, 1999, Entomol Scand 30(3): 269 New Zealand)  
*Helicopsyche (Saetotricha) ptychopteryx* (F Brauer, 1865) : AU (Australia)  
*Saetotricha ptychopteryx* F Brauer, 1865  
*Helicopsyche (Saetotricha) rembaia* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) rossi* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) starmuehlneri* HH Ross, 1975 : AU (Pupa described, male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 13 New Caledonia)  
*Helicopsyche (Saetotricha) tenuisa* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) tillyardi* ME Mosely, 1953 : AU (Australia)  
*Helicopsyche (Saetotricha) torino* KA Johanson, 1999 : AU (New Zealand)  
*Helicopsyche (Saetotricha) tribulationa* KA Johanson, 1995 : AU (Australia)  
*Helicopsyche (Saetotricha) trispina* KA Johanson & N Mary, 2000 : AU (Holotype--Male; New Caledonia: Grande Terre, Mt Panie, 28-X-1997, [Nathalie Mary]; deposited in the Naturhistoriska Riksmuseet, Stockholm, Sweden New Caledonia)  
*Helicopsyche (Saetotricha) unilobata* KA Johanson, 1999 : AU (New Caledonia)  
*Helicopsyche (Saetotricha) vallonina* HH Ross, 1975 : AU (Male redescribed by KA Johanson, 1999, Entomol Scand 30(1): 23 New Caledonia)  
*Helicopsyche (Saetotricha) zealandica* GV Hudson, 1904 : AU (Female described by KA Johanson, 1999, Entomol Scand 30(3): 266 New Zealand)  
 Syn.: *Helicopsyche iltona* ME Mosely, 1953

*Helicopsyche agnetae* KA Johanson & J Olah, 2008 (Male described originally near *Helicopsyche zhejiangensis* L Yang & KA Johanson Holotype--Male; People's Republic of China: Hong Kong, Sai Kung East Country Park, stream 1.2 km E Tin Mei Shan Mt, at Luk Wu, Malaise trap 20-27-v-2005, A Olsson & E Ohlsson; in alcohol; Swedish Museum of Natural History, Stockholm, Sweden China (Hong Kong))

*Helicopsyche azwudschgal* H Malicky, 1995 (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Vietnam)

*Helicopsyche biokrotta* H Malicky & S Melnitsky, 2008 (Thailand)

*Helicopsyche danaumala* H Malicky, JP O'Connor, & P Ashe, 2009 (Male described originally Holotype--Male; INDONESIA: Sulawesi, Danau Mala, Malaise trap over small stream above PPA hut, 2-5-x-1985, leg Patrick Ashe, S197; deposited in National Museum of Ireland, Dublin, Ireland Indonesia (Sulawesi))

*Helicopsyche laoensis* KA Johanson & T Malm, 2007 (Male described originally Holotype--Male; LAOS PEOPLE's DEMOCRATIC REPUBLIC: Luang Namtha Prov, Nam Ha NBCA, Lakkhammai Village, Niam Leung stream, light trap, loc 29, 21.152\*N, 101.355\*E [UTM 47Q 0744602, 2339873], el 749 m, 30-iv-2005, Joensson, Malm, Viklund; in alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Helicopsyche malickyi* KA Johanson, 1998 (Malaysia (Sarawak))

*Helicopsyche mjoebergi* KA Johanson & J Olah, 2008 (Malaysia (XXX ???))

*Helicopsyche tros* H Malicky, 2008 (Male described originally near *Helicopsyche malickyi* KA Johanson Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Helicopsyche vongsombathi* KA Johanson & T Malm, 2007 (Male described originally Holotype--Male; LAOS PEOPLE's DEMOCRATIC REPUBLIC: Luang Namtha Prov, Tong Om Village, loc 30, 20.935\*N, 101.407\*E [UTM 47Q 0750111, 2321825], el 552 m, 1-v-2005, Joensson, Malm, Viklund; in alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Helicopsyche yamadai* M Iwata, 1927 (Japan)

*Helicopsyche zhejiangensis* L Yang & KA Johanson, 2004 (Male described originally, resembling various Oriental species and *Helicopsyche coreana* W Mey Holotype--Male; People's Republic of China: Zhejiang Prov, Kaihua County, Mt Gutian-shan (29.2\*N, 118.1\*E), elevation 400-600 m, 30-vii-1992, H Wu; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Peoples Republic of China China (Zhejiang))

***Helyethira* A Neboiss, 1977**

*Hellyethira acuta* (M Kobayashi, 1977) (Japan)

*Oxyethira acuta* M Kobayashi, 1977

*Hellyethira agosana* W Mey, 2003 : OL (Male described originally near *Hellyethira babuyana* A Wells & W Mey)

Reported from Philippines (Luzon, Sibuyan) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1028

Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 10-iv-1997, Agos River, at light, leg W Mey, V Samarita, & W Speidel; pinned; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Hellyethira allynensis* A Wells, 1979 : AU (Australia)

*Hellyethira babuyana* A Wells & W Mey, 2002 : OL (Male described originally near *Hellyethira babuyana* A Wells & W Mey)

Reported from Philippines (Luzon, Sibuyan) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1028 Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 10-iv-1997, Agos River, at light, leg W Mey, V Samarita, & W Speidel; pinned; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Hellyethira basilobata* A Wells, 1979 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Victoria, Yarra River below Upper Yarra Dam, 28 Feb 1976; deposited in the Museum of Victoria, Melbourne, Australia Australia (Victoria))

*Hellyethira bulat* A Wells & J Huisman, 1992 : OL (Reported from Malaysia (Sabah, Peninsular), Sarawak, Brunei, Indonesia (Sumatra) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1028

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 26 Malaysia (Sabah))

*Hellyethira cornuta* A Wells, 1979 : AU (Australia)

*Hellyethira cubitans* A Wells, 1979 : AU (Australia)

*Hellyethira davidi* A Wells, 2005 : AU (Australia (Queensland))

*Hellyethira dentata* A Wells, 1979 : AU (Australia)

*Hellyethira digitata* A Wells, 2005 : AU (Australia (Queensland))

*Hellyethira eskensis* (ME Mosely, 1934) : AU (Australia)

*Xuthotrichia eskensis* ME Mosely, 1934

*Hellyethira exserta* A Wells, 1979 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: New South Wales, Boonoo Boonoo, River, 5 km upstream from falls, 11 Oct 1973; deposited in the Nationam Museum of Victoria (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (New South Wales))

*Hellyethira fimbriata* (ME Mosely, 1934) : AU (Australia)

*Xuthotrichia fimbriata* ME Mosely, 1934

*Hellyethira forficata* A Wells, 1990 : AU (Australia)

*Hellyethira haitimlain* A Wells, 1991 : AU (Papua New Guinea)

*Hellyethira imparlobata* A Wells, 1990 : AU (Australia)

*Hellyethira kukensis* A Wells, 1991 : AU (Papua New Guinea)

*Hellyethira lacustris* W Mey, 2006 : OL (Male and female described originally near *Hellyethira litita* A Wells Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-x-2005, leg W Mey; pinned, genitalia slides Mey 12/06 and 13/06; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Sulawesi))

*Hellyethira litita* A Wells, 1990 : OL (Male, female, larva, case described originally Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Toraut and Tumpah R junction, 16-v-1985, light trap, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Hellyethira litua* A Wells, 1979 : AU (Australia)

*Hellyethira loripes* A Wells, 1979 : AU (Australia)

*Hellyethira maai* A Wells, 1991 : AU (Indonesia (Irian Jaya))

*Hellyethira malleoforma* A Wells, 1979 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 54 Holotype--Male; Australia: South Australia, Uraidla, 28 Nov 1975; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 54) Australia (South Australia))

*Hellyethira multilobata* A Wells, 1979 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Victoria, Lake Purrumbete, 23 Feb 1970; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 54) Australia (Victoria))

*Hellyethira narakain* A Wells, 1991 : AU (Papua New Guinea)

*Hellyethira naumanni* A Wells, 1990 : AU (Australia)

*Hellyethira piala* A Wells & J Huisman, 1992 : OL (Reported from Brunei and Peninsular Malaysia (Johor) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1028 Brunei)

*Hellyethira pulvina* A Wells, 1979 : AU (Australia)

*Hellyethira quadrata* A Wells, 1990 : AU (Australia)

*Hellyethira radonensis* A Wells, 1990 : AU (Australia)

*Hellyethira ramosa* A Wells, 1983 : AU (Australia)

*Hellyethira selaput* A Wells & J Huisman, 1992 : OL (Brunei)

*Hellyethira sentisa* A Wells, 1979 : AU (Australia)

*Hellyethira sheldoni* A Wells, 2005 : AU (Australia (Queensland))

*Hellyethira simplex* (ME Mosely, 1934) : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Queensland, Warwick, October; deposited in the Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (Queensland))

*Xuthotrichia simplex* ME Mosely, 1934

Syn.: *Hellyethira valleculea* A Neboiss, 1977

*Hellyethira spinosa* A Wells, 1990 : AU (Australia)

*Hellyethira tros* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Holotype--Male; THAILAND: Kao Soi Dao National Park, 13\*06'N, 102\*12'E, 300 m, 22-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Hellyethira vernoni* A Wells, 1983 : AU (Australia)

*Hellyethira veruta* A Wells, 1985 : AU (Australia)

### ***Heloccabus* A Neboiss, 2002**

*Heloccabus buccinatus* A Neboiss, 2002 : AU (Holotype--Male; New South Wales, Gloucester River, nr Gloucester, collected as pupa 30-viii-1975, emerged 8-ix-1975, AB Rose (Mus Vict T-17387); deposited in Museum of Victoria, Melbourne, Australia Australia)

### ***Hemileptocerus* G Ulmer, 1922**

*Hemileptocerus gregarius* G Ulmer, 1922 : AT (Sudan)

Syn.: *Setodes sierraleonanus* G Ulmer, 1931

*Hemileptocerus hargreavesi* (G Ulmer, 1931) : AT (Sierra Leone)

*Setodes hargreavesi* G Ulmer, 1931

### ***Hesperophylax* N Banks, 1916**

### ***Heterochorema* F Schmid, 1989**

*Heterochorema paradoxicum* (OS Flint, 1983) : NT (Chile)  
*Neochorema paradoxicum* OS Flint, 1983

### ***Heteroplectron* R McLachlan, 1871**

*Heteroplectron americanum* (F Walker, 1852) : NA (United States of America)  
*Sericostoma americanum* F Walker, 1852  
Syn.: *Ganonema nigrum* , 1915  
*Heteroplectron californicum* R McLachlan, 1871 : NA (Life history provided by LA Beche & VH Resh, 2005, Proc Internatn Symp Trichoptera 11: 39-43 United States of America)

### ***Himalopsyche* N Banks, 1940**

*Himalopsyche acharai* H Malicky & P Chantaramongkol, 1989 : OL (Larva described by P Thamsenanupap, P Chantaramongkol, & H Malicky, 2005, Braueria 32: 7-8, pl 1 f 1-6)

Microhabitat preferences in Thailand described by T Tsuruishi, Ch Ketavan, K Suwan, & W Sirikajornjaru, 2008, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 123-133 Thailand)

*Himalopsyche alticola* N Banks, 1940 : OL (China (Sichuan))  
*Himalopsyche amitabha* F Schmid, 1966 : OL (India (Sikkim))  
*Himalopsyche angnorbui* F Schmid, 1963 : OL (India)  
*Himalopsyche angnorbui sherpa* F Schmid, 1963 ( ~agnorbui F Schmid, 1963, Bonn zool Beitr14(3/4): 206-208, f 1-4)  
*Himalopsyche anomala* N Banks, 1940 : OL (described originally in subgenus *Himalophanes* China (Sichuan))  
*Himalopsyche auricularis* (AV Martynov, 1914) : OL (China (Sichuan))  
*Rhyacophila auricularis* AV Martynov, 1914  
*Himalopsyche bhagirathi* F Schmid, 1963 : OL (India)  
*Himalopsyche biansata* DE Kimmins, 1952 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 China (Tibet))  
*Himalopsyche diehli* H Malicky, 1971 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Himalopsyche digitata* (AV Martynov, 1935) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila digitata* AV Martynov, 1935  
*Himalopsyche dolmasampa* F Schmid, 1963 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Himalopsyche elegantissima* (KH Forsslund, 1935) (China (Gansu))  
*Rhyacophila elegantissima* KH Forsslund, 1935  
*Himalopsyche eos* H Malicky, 2000 (China (Qinghai))  
*Himalopsyche epikur* H Malicky, 2011 : OL (Male described originally near *Himalopsyche tibetana* (F Schmid), *Himalopsyche martynovi* N Banks, and *Himalopsyche alticola* N Banks Holotype--Male; CHINA: Yunnan, between Xiungcheng and Zhongdian, 3500 m, 28°32'N, 099°49'E, 18-vii-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Yunnan))  
*Himalopsyche excisa* (G Ulmer, 1905) : OL (China (Tibet))  
*Rhyacophila excisa* G Ulmer, 1905  
*Himalopsyche fasciolata* DE Kimmins, 1952 : OL (Myanmar)  
*Himalopsyche gigantea* (AV Martynov, 1914) (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 Kazakhstan)  
*Rhyacophila gigantea* AV Martynov, 1914  
Syn.: *Rhyacophila gigantea* L Navas, 1925  
*Himalopsyche gregoryi* (G Ulmer, 1932) : OL (China (Yunnan))  
*Rhyacophila gregoryi* G Ulmer, 1932  
*Himalopsyche gyamo* F Schmid, 1963 : OL (India)  
*Himalopsyche hageni* N Banks, 1940 : OL (China (Sichuan))  
*Himalopsyche hierophylax* F Schmid, 1966 : OL (India (Uttar-Pradesh))



*Himalopsyche horai* (AV Martynov, 1936) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila horai* AV Martynov, 1936

Syn.: *Rhyacophila pallida* AV Martynov, 1935

*Himalopsyche japonica* (KJ Morton, 1900) (Respiratory rates described by T Tsuruishi and T Yoshida, 2003, Japanese J Ecology 53: 23-27

Life cycle in central Japan described by T Tsuruishi, 2003, Limnology 4(1): 11-18

Relationship between water temperature and developmental rate discussed by T Tsuruishi, 2010, Braueria 37:7-12 Japan)

*Rhyacophila japonica* KJ Morton, 1900

*Himalopsyche kangsampa* F Schmid, 1966 : OL (Pakistan)

*Himalopsyche kuldschensis* (G Ulmer, 1927) : OL ([probably a synonym of *Himalopsyche gigantea* according to VD Ivanov, 1991, Acta Hydroent Latvica 1: 51] China (Xinjiang))

*Rhyacophila kuldschensis* G Ulmer, 1927

*Himalopsyche lachlani* N Banks, 1940 : OL (China (Tibet))

*Himalopsyche lanceolata* (KJ Morton, 1900) : OL (India)

*Rhyacophila lanceolata* KJ Morton, 1900

*Himalopsyche lepcha* F Schmid, 1963 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Himalopsyche lua* H Malicky, 1993 : OL (Taiwan)

*Himalopsyche lungma* F Schmid, 1963 : OL (India)

*Himalopsyche maculipennis* (G Ulmer, 1905) : OL (China (Kuku Nor Mountains))

*Rhyacophila maculipennis* G Ulmer, 1905

*Himalopsyche maitreya* F Schmid, 1963 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Himalopsyche malenanda* F Schmid, 1963 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan, possibly a synonym of *Himalopsyche triloba* Q Hwang, according to H Malicky, 2007, Linzer biol Beitr 39(1): 492, 494 India)

*Himalopsyche martynovi* N Banks, 1940 : OL (Tibet)

*Himalopsyche maxima* (KH Forsslund, 1935) (China (Gansu))

*Rhyacophila maxima* KH Forsslund, 1935

*Himalopsyche navasi* N Banks, 1940 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, P Internatn Symp Trich 11: 26 China (Guangdong))

*Himalopsyche paranomala* L Tian & C Sun, 1993 : OL (China (Yunnan))

*Himalopsyche phedongensis* DE Kimmins, 1952 : OL (India)

*Himalopsyche phryganea* (HH Ross, 1941) : NA (United States of America)

*Rhyacophila phryganea* HH Ross, 1941

*Himalopsyche placida* N Banks, 1947 : OL (China (Sichuan))

*Himalopsyche platon* H Malicky, 2011 : OL (Male described originally in the *Himalopsyche anomala* Group near *Himalopsyche hierophylax* F Schmid and *Himalopsyche digitata* AV Martynov Holotype--Male; CHINA: Sichuan, Erlang Shan, 2100 m, 29°51'N, 102°18'E, 11-x-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))

*Himalopsyche sichuanensis* H Malicky & CH Sun, 2002 : OL (Male described originally China (Sichuan))

*Himalopsyche sylvicola* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Himalopsyche tibetana* (AV Martynov, 1930) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86 China (Tibet))

*Rhyacophila tibetana* AV Martynov, 1930

*Himalopsyche todma* F Schmid, 1963 : OL (India)

*Himalopsyche trifurcula* C Sun & L Yang, 1994 : OL (China (Yunnan))

*Himalopsyche yatrwalla* F Schmid, 1966 : OL (India (Uttar-Pradesh))

*Himalopsyche yongma* F Schmid, 1963 : OL (India)

### ***Holocentropus* R McLachlan, 1878**

*Holocentropus dubius* (P Rambur, 1842) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Philopotamus dubius* P Rambur, 1842

Syn.: *Philopotamus flavomaculatus* P Rambur, 1842

Syn.: *Plectrocnemia irrorata* F Kolenati, 1859

Syn.: *Polycentropus parfiti* R McLachlan, 1865

Syn.: *Polycentropus pyrrocera* HA Hagen, 1861

Syn.: *Polycentropus subnebulosus* R McLachlan, 1864

Syn.: *Rhyacophila irrorella* P Rambur, 1842

*Holocentropus dubius unicolor* P Lackschewitz, 1922 (originally described as a variety

~*dubius* (P Rambur, 1842, Hist nat Nevv p 503), *Philopotamus*)

*Holocentropus insignis* AV Martynov, 1924 : PA (Male and female redescribed, recorded for Denmark by P Wiberg-Larsen, 1986, Entomol Meddr 53: 53-54, f 1-5 Russia(northwestern))

*Holocentropus omiensis* M Iwata, 1927 (Japan)

*Holocentropus picicornis* (JF Stephens, 1836) : PA (Male and female redescribed by P Wiberg-Larsen, 1986, Entomol Meddr 53: 54, f 5-9

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai Region) (previously known in Siberia from Yakutia and Sayan Mountains) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International

Symposium on Trichoptera 12: 75-81

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Polycentropus picicornis* JF Stephens, 1836

Syn.: *Cyrnus pulchellus* JF Stephens, 1836

Syn.: *Plectrocnemia liturata* F Kolenati, 1859

Syn.: *Polycentropus irroratus* JF Stephens, 1836

Syn.: *Polycentropus subpunctatus* JF Stephens, 1836

*Holocentropus picicornis auratus* (F Kolenati, 1859) (described originally as a species

reduced to subspecies by G Ulmer, 1907, Cat Coll Selys 6(1): 101

~picicornis (JF Stephens, 1836, Ill Br Ent 6: 177), *Polycentropus*)

*Plectrocnemia picicornis auratus* F Kolenati, 1859

*Holocentropus picicornis aureolus* (JW Zetterstedt, 1840) (Described originally as a species

Reduced to variety of *Holocentropus picicornis* by KH Forsslund, 1929, Ent Tidskr 50: 191, 193, 194

~picicornis (JF Stephens, 1836, Ill Br Ent 6: 177), *Polycentropus*)

*Phryganea picicornis aureolus* JW Zetterstedt, 1840

*Holocentropus picicornis danubicus* (AV Martynov, 1912) (described originally as a species

reduced to a variety of *Holocentropus picicornis* by AV Martynov, 1934, Tabl analyt Faune URSS 13: 227, 229, f 164, 164 bis b-d

~picicornis (JF Stephens, 1836, Ill Br Ent 6: 177), *Polycentropus*)

*Nyctiophylax picicornis danubicus* AV Martynov, 1912

*Holocentropus stagnalis* (H Albarda, 1874) (Recorded from Denmark by P Wiberg-Larsen, M Stoltze, & B Mogensen, 1980, Entomol Meddr 48: 11-12

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 The Netherlands)

*Nyctiophylax stagnalis* H Albarda, 1874

Syn.: *Plectrocnemia lituratus* F Kolenati, 1859

*Holocentropus varangensis* W Mey, 1987 (Norway)

*Holocentropus vietnamellus* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

### ***Homilia* R McLachlan, 1877**

*Homilia aurifera* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Homilia brunnea* S Jacquemart, 1960 : AT (Mauritius)

*Homilia elephas* KH Barnard, 1940 : AT (Republic of South Africa)

*Homilia grandis* ME Mosely, 1932 : AT (Madagascar)

*Homilia knysnaensis* KH Barnard, 1940 : AT (Republic of South Africa)

*Homilia lardeuxi* FM Gibon, 1991 : AT (Ivory Coast)

*Homilia leucophaea* (P Rambur, 1842) (Reported from Germany (Bavaria), as *Athripsodes leucophaeus*, by A Weinzierl, M Hess, & U Heckes, 2005, Lauterbornia 54: 45-52 France)

*Mystacida leucophaea* P Rambur, 1842

Syn.: *Leptocerus aragonicus* L Navas, 1918

Syn.: *Leptocerus moyanus* L Navas, 1920

Syn.: *Mystacida subfasciata* P Rambur, 1842

Syn.: *Mystacida subtrifasciata* P Rambur, 1842

*Homilia lomina* ME Mosely, 1936 : AT (Republic of South Africa)

*Homilia malia* ME Mosely, 1936 : AT (Republic of South Africa)

*Homilia pallida* L Navas, 1930 : AT (Democratic Republic of the Congo)

*Homilia vestita* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Homilia vetulata* KH Barnard, 1934 : AT (Republic of South Africa)

### ***Homophylax* N Banks, 1900**

*Homophylax acutus* DG Denning, 1964 : NA (United States of America)  
*Homophylax adriana* DG Denning, 1964 : NA (United States of America)  
*Homophylax andax* HH Ross, 1941 : NA (United States of America)  
*Homophylax auricularis* SD Smith, 1971 : NA (United States of America)  
*Homophylax baldur* AP Nimmo, 1971 : NA (Canada)  
*Homophylax crotchi* N Banks, 1920 : NA (Canada)  
*Homophylax flavipennis* N Banks, 1900 : NA (United States of America)  
*Homophylax insulas* DG Denning, 1964 : NA (United States of America)  
*Homophylax nevadensis* N Banks, 1903 : NA (United States of America)  
*Homophylax rentzi* DG Denning, 1964 : NA (United States of America)

### ***Homoplectra* HH Ross, 1938**

*Homoplectra alseae* HH Ross, 1938 : NA (United States of America)  
*Homoplectra doringa* (LJ Milne, 1936) : NA (United States of America)  
*Diplectrona doringa* LJ Milne, 1936  
Syn.: *Aphropsyche aprilis* HH Ross, 1941  
*Homoplectra flinti* JS Weaver, 1985 : NA (United States of America)  
*Homoplectra luchia* DG Denning, 1966 : NA (United States of America)  
*Homoplectra monticola* (OS Flint, 1965) : NA (United States of America)  
*Aphropsyche monticola* OS Flint, 1965  
*Homoplectra nigripennis* (N Banks, 1911) : NA (United States of America)  
*Diplectrona nigripennis* N Banks, 1911  
*Homoplectra norada* DG Denning, 1975 : NA (United States of America)  
*Homoplectra oaklandensis* (S Ling, 1938) : NA (United States of America)  
*Diplectrona oaklandensis* S Ling, 1938  
*Homoplectra schuhi* DG Denning, 1965 : NA (United States of America)  
*Homoplectra shasta* DG Denning, 1949 : NA (United States of America)  
*Homoplectra sierra* DE Ruitter, 2003 : NA (Holotype male: USA, California, Sierra Co, Big Springs, Highway 49, 3 miles northeast of Sierra City, 29 May 1991, RW Baumann and BC Stark; deposited in California Academy of Sciences, San Francisco, California, United States of America United States of America (California))  
*Homoplectra spora* DG Denning, 1952 : NA (United States of America)

### ***Hudsonema* ME Mosely, 1936**

*Hudsonema alienum* (R McLachlan, 1868) : AU (Emended from *Hudsonema aliena* by JB Ward, 1999, Records Canterbury Mus 13: 92 New Zealand)  
*Leptocerus ? alienum* R McLachlan, 1868  
*Hudsonema amabile* (R McLachlan, 1868) : AU (Emended from *Hudsonema amabilis* by JB Ward, 1999, Records Canterbury Mus 13: 92)

Taxon-specific responses to high-flow disturbance in streams and their implications for population persistence reported by JR Holomuzki & JF Biggs, 2000, Journal of the North American Benthological Society 19(4): 670-679 New Zealand)

*Tetracentron amabile* R McLachlan, 1868  
*Hudsonema aptum* (A Neboiss, 1982) : AU (Larva described as *Condocerus aptus* by RM St Clair, 2002, Records of the Western Australian Museum 21(2): 112, figs)

Transferred from *Condocerus* to *Hudsonema* by T Malm & KA Johanson, 2011, BioMed Central Evolutionary Biology 11(10): 1-17 Australia)

*Condocerus aptum* A Neboiss, 1982  
*Hudsonema flaminii* (L Navas, 1926) : NT (Chile)  
*Triplectides flaminii* L Navas, 1926  
Syn.: *Triplectides discolor* L Navas, 1932  
Syn.: *Triplectides fazi* L Navas, 1932

Syn.: *Triplectides pirioni* L Navas, 1935  
*Hudsonema paludosum* (A Neboiss, 1977) : AU (Transferred from *Condocerus* to *Hudsonema* by T Malm & KA Johanson, 2011, *BioMed Central Evolutionary Biology* 11(10): 1-17 Australia)  
*Condocerus paludosum* A Neboiss, 1977

***Hughscottiella* G Ulmer, 1910**

*Hughscottiella auricapilla* G Ulmer, 1910 : AT (Seychelles)

***Hummeliella* KH Forsslund, 1936**

*Hummeliella unica* (KH Forsslund, 1935) (China (Gansu))  
*Hummelia unica* KH Forsslund, 1935

***Hyalopsyche* G Ulmer, 1904**

*Hyalopsyche disjuncta* A Neboiss, 1980 : AU (Australia)  
*Hyalopsyche incerta* (L Navas, 1917) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 30 Vietnam)  
*Nonquitus incerta* L Navas, 1917  
*Hyalopsyche orissa* J Olah & KA Johanson, 2010 (Male described originally near *Hyalopsyche sachalinica* AV Martynov, *Hyalopsyche similis* AV Martynov, and *Hyalopsyche disjuncta* A Neboiss Holotype--Male; INDIA: Orissa State, Bhubaneswar, marsh, ii-1983, at light [J Olah]; deposited in the J Olah Private Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Budapest, Hungary India)  
*Hyalopsyche palpata* G Ulmer, 1904 : AT (French Congo)  
*Hyalopsyche pilosa* (L Navas, 1916) : OL (China (Jiangsu))  
*Galta pilosa* L Navas, 1916  
*Hyalopsyche plurispinosa* F Schmid, 1959 : OL (China (Guangdong))  
*Hyalopsyche rivalis* (C Betten, 1909) : OL (Transferred from *Hyalopsychodes* to *Hyalopsyche* by AV Martynov, 1914, *Horae Soc ent Ross* 41 no 5: 20

Reported from a different part of India as a new combination *Hyalopsyche rivalis* (C Betten) by J Olah & KA Johanson, 2010, *Zootaxa* 2658: 18 India)

*Hyalopsychodes rivalis* C Betten, 1909

Syn.: *Hyalopsyche similis* AV Martynov, 1935

*Hyalopsyche sachalinica* AV Martynov, 1910 (Male of *Hyalopsyche parvula* described originally, as *lapsus calami* *Hyalopsyche parsula* (under figure *Hyalopsyche parvula*))

Listed as *Hyalopsyche parvula* from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334

Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2658: 18

Listed as *Hyalopsyche parsula* AV Martynov, from the Philippines (Mindanao, Tawi Tawi), India (Assam), Thailand, Laos, Vietnam, and Indonesia (Sumatra), supposed synonyms need review according to H Malicky, 2010, *Z Arb Gem Oesterr Ent* 62: 89 Russia (Sakhalin))

Syn.: *Hyalopsyche amurensis* AV Martynov, 1934

Syn.: *Hyalopsyche parvispinosa* F Schmid, 1959

Syn.: *Hyalopsyche parvula* AV Martynov, 1935

*Hyalopsyche trunga* J Olah & KA Johanson, 2010 : AT (Male described originally near *Hyalopsyche winkler* G Ulmer and *Hyalopsyche palpata* G Ulmer Holotype--Male; VIETNAM: Lam Dong Province, Baoloe, River Trungrieng, 23-x-1988, singled [J Olah]; deposited in the J Olah Private Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Budapest, Hungary French Congo)

*Hyalopsyche winkleri* (G Ulmer, 1930) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007,

Transferred from *Hyalopsychella* to *Hyalopsyche*, reported from another location in Borneo by J Olah & KA Johanson, 2010, *Zootaxa* 2658: 21 Neotype--Male; INDONESIA: Sumatra (original 3 syntypes from Borneo XXX??? destroyed during World War II, neotype designated by G Ulmer, 1951, *Archiv fuer Hydrobiologie*, Supplement 19: XXX???); neotype reportedly has not been found according to J Olah & KA Johanson, 2010, *Zootaxa* 2658: 21 Indonesia (Sumatra))

*Hyalopsychella winkleri* G Ulmer, 1930

Syn.: *Hyalopsychella haplotes* A Neboiss, 1989

### ***Hydatophylax* HDJ Wallengren, 1891**

*Hydatophylax argus* (TW Harris, 1869) : NA (Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, *Can J Zool* 81: 1083-1095 United States of America)

*Phryganea argus* TW Harris, 1869

*Hydatophylax festivus* (L Navas, 1920) (Systematics, previously misidentified as *Astenophylax grammicus*, transferred to *Hydatophylax* from *Stenophylax* by T Nozaki, 1999, *Aq Ins* 21(4): 301

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 202

Influence of leaf litter quality on larval colonization and consumption reported by K Motomori, H Mitsuhashi, S Nakano, 2001, *Ecological Research* 16(2): 173-182

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Japan)

*Stenophylax festivus* L Navas, 1920

Syn.: *Hydatophylax intermedius* F Schmid, 1964

*Hydatophylax formosus* F Schmid, 1965 (Reported from South Korea, male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 41, f 7h-i, 8g-h Korea)

*Hydatophylax grammicus* (R McLachlan, 1880) : PA (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Reported from South Korea, female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 37, f 8a-b, 11g

Misidentified in Japan as *Hydatophylax festivus* according to T Nozaki, 1999, *Aq Ins* 21(4): 301-302

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (southeastern Siberia))

*Stenophylax grammicus* R McLachlan, 1880

Syn.: *Astenophylax kanensis* AV Martynov, 1904

*Hydatophylax grammicus unicolor* (AV Martynov, 1914) (

~*grammicus* (R McLachlan, 1880, *Rev Syn Suppl* 2: 83, pl 59 f 1-4), *Stenophylax*)

*Astenophylax grammicus unicolor* AV Martynov, 1914

*Hydatophylax hesperus* (N Banks, 1914) : NA (Canada)

*Stenophylax hesperus* N Banks, 1914

Syn.: *Astenophylax needhami* S Ling, 1938

*Hydatophylax infumatus* (R McLachlan, 1865) (Recorded from Italy by H Malicky, 2002, *Entomofauna* 23(1): 10

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 388, f 8-9 Scotland)

*Stenophylax infumatus* R McLachlan, 1865

*Hydatophylax koizumii* (M Iwata, 1928) (

Bibliography and distribution in Japan, transferred from *Stenophylax* to *Hydatophylax* by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 202

Probably a synonym of *Hydatophylax nigrovittatus* (McLachlan) according to T Nozaki, 2008, personal communication Japan)

*Stenophylax koizumii* M Iwata, 1928

*Hydatophylax magnus* AV Martynov, 1914 (Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 39-41, f 7d-g, 8e-f, 11i Russia (southeastern Siberia))

*Hydatophylax minor* T Nozaki, 2004 (Male, female, larva, pupa described originally from Hokkaido, Kuril Islands, and Sakhalin Holotype -- Male; Japan: Hokkaido, Eniwa-shi, Ichankoppe-zawa, 300 m a s l, 42°49'N, 141°23'E, 11-VIII-2002, T Ito; pinned; CBM-ZI 94785 deposited in the Natural History Museum and Institute, Chiba, Japan Japan (Hokkaido))

*Hydatophylax nigrovittatus* (R McLachlan, 1872) (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 37-39, f 7a-c, 8c-d, 11h

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 202-203

Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (eastern Siberia))

*Platyphylax nigrovittatus* R McLachlan, 1872

*Hydatophylax sakharovi* K Kumanski, 1991 (Korean People's Democratic Republic)

*Hydatophylax soldatovi* (AV Martynov, 1914) (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 203

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Male, female, larva redescribed by T Nozaki & N Minakawa, 2004, *Biogeography* 6: 43-46, f 3

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (southeastern Siberia))

*Astenophylax soldatovi* AV Martynov, 1914

Syn.: *Hydatophylax primoryensis* AP Nimmo, 1995

*Hydatophylax variabilis* (AV Martynov, 1910) : NA, PA (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 203

*Platyphylax variabilis* morpha *frigoris* (AV Martynov, 1916, *Mem Ac Petrograd* (8) 28 (20): 15-16, f 9), Russia (Arctic Ural Mountains) "should be regarded not as taxonomic category but as non-nomenclatorial working term for an indication of cold modification" according to VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 107, 108-109

Cited in WP by H Malicky, 2005, *Linzer biol Beitr* 37(1): 576

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Larva and pupa described by YP Zhang, 2008, *Proceedings of the International Symposium on Aquatic Entomology in East Asia* 3: 172-180, 217-218 Lectotype--Male; Polar Ural, N of Tobol'sk gov, 19-06-1909, F Zaitsev leg (VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 108); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Russia (northwestern

Siberia))

*Platyphylax variabilis* AV Martynov, 1910

Syn.: *Hydatophylax spartacus* F Schmid, 1950

*Hydatophylax variabilis frigoris* (AV Martynov, 1916) (~*variabilis* (AV Martynov, 1910, *Annuaire Mus St Petersburg* 15: 345), *Platyphylax*

*Platyphylax variabilis morpha frigoris* (AV Martynov, 1916, *Mem Ac Petrograd* (8) 28 (20): 15-16, f 9), Russia (Arctic Ural Mountains) "should be regarded not as taxonomic category but as non-nomenclatorial working term for an indication of cold modification" according to VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 107, 108-109)

*Platyphylax variabilis frigoris* AV Martynov, 1916

*Hydatophylax victor* N Banks, 1950 : NA (United States of America)

Syn.: *Hydatophylax argulus* F Schmid, 1950

### ***Hydrobiosella* RJ Tillyard, 1924**

*Hydrobiosella amblyopia* A Neboiss, 1982 : AU (Australia)

*Hydrobiosella anasina* A Neboiss, 1977 : AU (*Hydrobiosella corinna* Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 55-56, f 8E-F, 9C Holotype--Male; Australia: Tasmania, Duck River, 6 km SW of Roger River, 29 Nov 1974; deposited in the Museum of Victoria (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 56) Australia (Tasmania))

*Hydrobiosella anatolica* A Neboiss, 2002 : AU (*Hydrobiosella tasmanica* Group, male originally described Holotype--Male; Australia: Tasmania, Fortescue Bay, Mill Creek 43°08'S, 147°58'E, 28 Feb 2001, R Walker; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella aorere* IM Henderson, 1983 : AU (New Zealand)

*Hydrobiosella arcuata* DE Kimmins, 1953 : AU (Australia)

*Hydrobiosella armata* S Jacquemart, 1965 : AU (*Hydrobiosella tasmanica* Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 55, 58, f 10C-D, 13B Holotype--Male; Australia: Tasmania, Mt Wellington, 20 Nov 1922; deposited in l'Institut Royal des Sciences Naturelle de Belgique, Brussels, Belgium (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 58) Australia (Tasmania))

*Hydrobiosella bispina* DE Kimmins, 1953 : AU (Australia)

*Hydrobiosella brevis* M Espeland & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, Koghi Mts, small forest stream, 22°10.722'S, 166°30.501'E, 462 m, 6-xii-2001 [Johanson KA, Pape T, Viklund B]; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Hydrobiosella cerula* A Neboiss, 1977 : AU (*Hydrobiosella corinna* Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 55-56, 58, f 8G-H, 9D Holotype--Male; Australia: Tasmania, Lake Pedder, (original shores before flooding), 10 Mar 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 56) Australia (Tasmania))

*Hydrobiosella cognata* DE Kimmins, 1953 : AU (*Hydrobiosella tasmanica* Group, additional Tasmanian locality, Tasmanian endemic, male redescribed by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 55, 58-59, f 10G, 13C Holotype--Male; Australia: Tasmania, Lake St Clair, Feb 1941; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 58) Australia (Tasmania))

Syn.: *Hydrobiosella spinosa* S Jacquemart, 1965

*Hydrobiosella corinna* A Neboiss, 1977 : AU (*Hydrobiosella corinna* Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 55-56, f 8A-B, 9A Holotype--Male; Australia: Tasmania, Corinna (small creek in forest), 5 Nov 1972; deposited in the Museum of Victoria (A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 56) Australia (Tasmania))

*Hydrobiosella disrupta* A Neboiss, 2002 : AU (*Hydrobiosella tasmanica* Group, male described originally Holotype--Male; Australia: Tasmania, Gordon River, 500 m below Second Split, 12 Jan 1977; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella dzumacensis* M Espeland & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, Mt Dzumac, source stream of Quinne River, near crosspoint to mountain track, 22°02.073'S, 166°28.460'E, 810 m, 18-xi-4-xii-2003 [Johanson KA]; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)



*Hydrobiosella letti* K Korboot, 1964 : AU (Australia)

*Hydrobiosella longispina* M Espeland & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, Koghi Mts, ca 800 m S Koghi Restaurant, 22.18365°S, 166.50451°N[E], 440 m, 11-26-xi-2003 [Johanson KA]; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Hydrobiosella michaelsoni* (G Ulmer, 1908) : AU (Australia)  
*Dolophilus michaelsoni* G Ulmer, 1908

*Hydrobiosella mixta* (DR Cowley, 1976) : AU (New Zealand)  
*Dolophilodes mixta* DR Cowley, 1976

*Hydrobiosella mouensis* M Espeland & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, western slope of Mt. Mou, stream crossing way to Sanatorium 2.3 km E St Laurent, ca 150 m upstream bridge, 22°04.484'S, 166°19.910'E, 15-30-xi-2003 [Johanson KA]; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Hydrobiosella neocaledoniae* M Espeland & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Nord, We Kuok Stream, 1.9 km SE Galarino, 20°31.573'S, 164°46.460'E, 1-i-2004 [Johanson KA]; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Hydrobiosella orba* A Neboiss, 1977 : AU (Hydrobiosella corinna Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 55-56, f 8C-D, 9B Holotype--Male; Australia: Tasmania, Wedge River, 17 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 56) Australia (Tasmania))

*Hydrobiosella otaria* A Neboiss, 2002 : AU (Hydrobiosella tasmanica Group, male described originally Holotype--Male; Australia: Tasmania, Sir John Falls, Cataract Creek, Gordon River tributary, 42°34'S, 145°41'E, 9 Jan 1977, A Neboiss; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella propinqua* A Neboiss, 2002 : AU (Hydrobiosella tasmanica Group, male described originally Holotype--Male; Australia: Tasmania, Smith River at Gordon River junction, 15 Jan 1977, A Neboiss; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella sagitta* A Neboiss, 1977 : AU (Hydrobiosella tasmanica Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 55, 59, f 11D-E, 13B Holotype--Male; Australia: Tasmania, St Columba Falls nr Pyengana, 21 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella scalaris* A Neboiss, 2002 : AU (Hydrobiosella tasmanica Group, male described originally Holotype--Male; Australia: Tasmania, d'Entrecasteaux River source, below Mt LaPerouse, 43°30'S, 146°44'E, alt 840 m (sweep net), 16 Feb 1988, A Neboiss; male genitalia preparation PT-2202; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella stenocerca* RJ Tillyard, 1924 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)

*Hydrobiosella tahunensis* A Neboiss, 2002 : AU (Hydrobiosella tasmanica Group, as "Hydrobiosella tahunense," male originally described Holotype--Male; Australia: Tasmania, Lake Tahune, Frenchmans Cap area, 29 Jan 1988, J Jackson; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Hydrobiosella tasmanica* ME Mosely, 1953 : AU (Hydrobiosella tasmanica Group, additional Tasmanian localities, Tasmanian endemic, male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 55, 58, f 10A-B, 13A Holotype--Male; Australia: Tasmania (without definite locality or date); deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 58) Australia (Tasmania))

*Hydrobiosella tonela* (ME Mosely, 1953) : AU (New Zealand)  
*Zelobiosella tonela* ME Mosely, 1953

*Hydrobiosella uncinata* DE Kimmins, 1953 : AU (Male redescribed by M Espeland & KA Johanson, 2007, Proceedings of the International Symposium on Trichoptera 12: 99-101, f 6A-F Holotype--Male; NEW CALEDONIA: Pueblo, 0-1, 500 ft, x-1949, [Cheesman]; mounted on microscope slide; deposited in The Natural History Museum, London, United Kingdom (M Espeland & KA Johanson, 2007, Proceedings of the International Symposium on Trichoptera 12: 100) New Caledonia)

*Hydrobiosella waddama* ME Mosely, 1953 : AU (Hydrobiosella waddama Group, additional Tasmanian localities, distribution also in Victoria and New South Wales, male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 62, f 12G-H Holotype--Male; Australia: Tasmania, Waddamana, River Ouse (no date); deposited in The Natural History Museum, London,

United Kingdom Australia (Tasmania))

### ***Hydrobiosis* R McLachlan, 1868**

*Hydrobiosis budgei* AG McFarlane, 1960 : AU (New Zealand)  
*Hydrobiosis centralis* JB Ward, 1997 : AU (New Zealand)  
*Hydrobiosis chalcodes* AG McFarlane, 1981 : AU (New Zealand)  
*Hydrobiosis charadraea* AG McFarlane, 1951 : AU (Key to *Hydrobiosis charadraea* Species Group species of larvae by BJ Smith, 2000, New Zealand J Zool 27(1): 18 New Zealand)  
*Hydrobiosis clavigera* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis copis* AG McFarlane, 1960 : AU (New Zealand)  
*Hydrobiosis falcis* KAJ Wise, 1958 : AU (New Zealand)  
*Hydrobiosis frater* R McLachlan, 1868 : AU (New Zealand)  
*Hydrobiosis gollanis* ME Mosely, 1953 : AU (New Zealand)  
*Hydrobiosis harpidiosa* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis johnsi* AG McFarlane, 1981 : AU (New Zealand)  
*Hydrobiosis kiddi* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis lindsayi* RJ Tillyard, 1925 : AU (New Zealand)  
*Hydrobiosis neadelphus* JB Ward, 1997 : AU (New Zealand)  
*Hydrobiosis parumbripennis* AG McFarlane, 1951 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489)

Tolerances to diurnally varying temperature reported by BJ Smith & KJ Collier, 2005, Environmental Entomology 34(4): 748-754 New Zealand)

*Hydrobiosis sherleyi* JB Ward, 1998 : AU (New Zealand)  
*Hydrobiosis silvicola* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis soror* ME Mosely, 1953 : AU (New Zealand)  
*Hydrobiosis spatulata* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis styracine* AG McFarlane, 1960 : AU (New Zealand)  
*Hydrobiosis styx* AG McFarlane, 1951 : AU (New Zealand)  
*Hydrobiosis taumata* JB Ward, 1997 : AU (New Zealand)  
*Hydrobiosis torrentis* JB Ward, 1995 : AU (Distribution, habitat, larva described by BJ Smith, 2000, New Zealand J Zoology 27(1): 15-20 New Zealand)  
*Hydrobiosis umbripennis* R McLachlan, 1868 : AU (New Zealand)

### ***Hydrochorema* RJ Tillyard, 1924**

*Hydrochorema crassicaudatum* RJ Tillyard, 1924 : AU (New Zealand)  
*Hydrochorema lyfordi* JB Ward, 1997 : AU (New Zealand)  
*Hydrochorema tenuicaudatum* RJ Tillyard, 1924 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)

### ***Hydromanicus* F Brauer, 1865**

*Hydromanicus abiud* H Malicky & P Chantaramongkol, 1993 : OL (In the *Hydromanicus hermosus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 36 Thailand)  
*Hydromanicus adonis* (H Malicky & P Chantaramongkol, 1996) : OL (Larva and pupa described by T Prommi, S Permkam, & H Malicky, 2007, Braueria 33: 33, 35, f 23-43)

Transferred from *Hydatomanicus* to *Hydromanicus*, *Hydromanicus verrucosus* Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 15 Thailand)

*Hydatomanicus adonis* H Malicky & P Chantaramongkol, 1996  
*Hydromanicus aglauros* H Malicky, 1997 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 39 Brunei)  
*Hydromanicus almansor* H Malicky, 1993 : OL (In the *Hydromanicus truncatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 26 Myanmar)  
*Hydromanicus angulatus* L Yang & W Yang, 2004 : OL (Male described originally, near *Hydromanicus umbonatus* Y Li)

In the *Hydromanicus truncatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 26

Holotype--Male; CHINA: Guangxi, Fangcheng County, Tongzhongxiang, 550 m, 15-vi-2000, coll Chen Jun; deposited in the Insect Collection of the Institute of Zoology, Chinese Academy of Sciences China (Guangxi))

*Hydromanicus aphareus* H Malicky, 1998 : OL (In the *Hydromanicus irroratus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 33

Reported from The Philippines (Palawan) and "Borneo" [Kalimantan?] by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Philippines)

*Hydromanicus asor* H Malicky, 1993 : OL (Male redescribed, in the *Hydromanicus truncatus* Group, reported again from Myanmar by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 26-27, f 24-27 Myanmar)

*Hydromanicus buenningi* G Ulmer, 1907 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31

In the *Hydromanicus irroratus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 33, 35 Vietnam)

Syn.: *Macronema moestus* L Navas, 1932

*Hydromanicus canaliculatus* Y Li, L Tian & D Dudgeon, 1990 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 40 China (Fujian))

*Hydromanicus chattrakan* P Chantaramongkol & H Malicky, 1995 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 40 Thailand)

*Hydromanicus deceptus* (N Banks, 1939) : OL (Male redescribed, changed from *Hydatopsyche* to *Hydromanicus* by L Tian, L Yang, & Y Li, 1996, *Econ Ins Fauna China* 49, Trich (1): *Hydroptilidae*, *Stenopsychidae*, *Hydropsychidae*, *Leptoceridae*, *Sci Press*, Beijing, p 120-121, f 195a-f

In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 40 China (Hainan Island))

*Hydatopsyche deceptus* N Banks, 1939

Syn.: *Hydromanicus klapperichi* F Schmid, 1965

*Hydromanicus demden* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydromanicus verrucosus* Group near *Hydromanicus ovatus* Y Li, L Tian, & D Dudgeon Holotype--Male; VIETNAM: Bach Ma, 700 m, 22-ii-2006, light, J Olah; in alcohol; deposited in the J Olah Private Collection, Debrecen, Hungary Vietnam)

*Hydromanicus dilatus* C Betten, 1909 : OL (Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 50 Indonesia (Java))

*Hydromanicus diomedes* H Malicky, 2000 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 40 Nepal)

*Hydromanicus dohrni* G Ulmer, 1951 : OL (

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

In the *Hydromanicus irroratus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 33 Indonesia (Sumatra))

*Hydromanicus dorianus* L Navas, 1933 : OL (Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 50 Malaysia (Sarawak))

*Hydromanicus doris* (H Malicky & P Chantaramongkol, 2000) : OL (Male described originally near *Hydropsyche verrucosus* G Ulmer

Transferred from *Hydatomanicus* to *Hydromanicus*, in the *Hydromanicus verrucosus* Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 15 Holotype--Male; Taiwan: Taichung Co, Kokuan, 950 m, 24\*11'N, 121\*01'E, 19-X-1996, leg Sivec; deposited in the H Malicky collection, Lunz am See, Austria Taiwan)

*Hydatomanicus doris* H Malicky & P Chantaramongkol, 2000

*Hydromanicus elam* H Malicky, 2009 : OL (Male described originally near *Hydromanicus guangdongensis* Y Li, L Tian, & D Dudgeon Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit, 600 m, 21-22-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Hydromanicus eldaa* H Malicky, 2009 : OL (Male described originally near *Hydromanicus diomedes* H Malicky and *Hydromanicus makareus* H Malicky Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Hydromanicus eleasar* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497

Male redescribed, in the *Hydromanicus truncatus* Group, reported from Myanmar by J Olah & KA Johanson, 2008, Zootaxa 1802: 27, f 28-31 Nepal)

*Hydromanicus eliakim* H Malicky & P Chantaramongkol, 1993 : OL (In the *Hydromanicus truncatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 28 Thailand)

*Hydromanicus emeiensis* Y Li, L Tian, & D Dudgeon, 1990 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 40 China (Sichuan))

*Hydromanicus erato* H Malicky, 2000 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 40 India)

*Hydromanicus fallax* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Female described, in the *Hydromanicus truncatus* Group, reported from Vietnam by J Olah & KA Johanson, 2008, Zootaxa 1802: 28-29, f 32-33 Vietnam)

*Hydromanicus feanus* L Navas, 1933 : OL (Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, Zootaxa 1802: 50 Myanmar)

*Hydromanicus feminalis* (AV Martynov, 1934) (Transferred from *Hydatopsyche* to *Hydromanicus*, male redescribed in the *Hydromanicus spatulatus* Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 40-42, f 55-58 Russia (southeastern Siberia))

*Hydatopsyche feminalis* AV Martynov, 1934

*Hydromanicus fissus* Y Li, L Tian, & D Dudgeon, 1990 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 42 China (Sichuan))

*Hydromanicus flavoguttatus* H Albarda, 1881 : OL (Male and female redescribed by A Neboiss, 1996, Braueria 23: 8-9, f 22-30

In the *Hydromanicus hermosus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 36

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 lectotype male and paralectotype female and paralectotype male designated, deposited in Leiden Museum by A Neboiss, 1996, Braueria 23: 8-9 Indonesia (Sumatra))

*Hydromanicus formosus* N Banks, 1931 : OL (Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, Zootaxa 1802: 50 Malaysia (Sabah))

*Hydromanicus frater* G Ulmer, 1926 : OL (In the *Hydromanicus irroratus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 33 China (Guangdong))

*Hydromanicus fraterculus* L Navas, 1933 : OL (Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, Zootaxa 1802: 50 China (Zhejiang))

*Hydromanicus guangdongensis* Y Li, L Tian, & D Dudgeon, 1990 : OL (In the *Hydromanicus hermosus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 36 China (Guangdong))

*Hydromanicus hermosus* N Banks, 1934 : OL (Male redescribed, in the *Hydromanicus hermosus* Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 36, f 48-50 Holotype--Male; [INDONESIA:] BN Borneo, Mt Kinabalu, Kiau, 3000 ft, 15-iv-1929; deposited in The Natural History Museum, London, United Kingdom "(Ex. FMS Museum, BM 1955-354)" (J Olah & KA Johanson, 2008, Zootaxa 1802: 36) Indonesia (Borneo))

*Hydromanicus huapingensis* (Y Li & L Tian, 1990) : OL (Transferred from *Hydatopsyche* to *Hydromanicus* in the *Hydromanicus spatulatus* Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 42 China (Guangxi))

*Hydatopsyche huapingensis* Y Li & L Tian, 1990

*Hydromanicus inferior* P Chantaramongkol & H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Male redescribed, in the *Hydromanicus truncatus* Group, reported from Vietnam by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 29-30, f 34-37 Thailand)

*Hydromanicus intermedius* AV Martynov, 1931 : OL (In the *Hydromanicus spatulatus* Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 42 China (Sichuan))

*Hydromanicus irroratus* F Brauer, 1865 : OL (Wings compared with those of *Ceratopsyche javanica* (G Ulmer, 1905) by A Neboiss, 1996, *Braueria* 23: 8, f 20

Male redescribed, in the *Hydromanicus irroratus* Group, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 34, f 42-44

Neotype designated by H Malicky, 2009, *Braueria* 36: 44, f 43 Neotype--Male; INDONESIA: Java Indonesia (Java))

Syn.: *Hydromanicus longicornis* G Ulmer, 1951

*Hydromanicus jacobsoni* G Ulmer, 1930 : OL (Indonesia (Sumatra))

*Hydromanicus klanklini* (H Malicky & P Chantaramongkol, 1993) : OL (Reported from North Thailand by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 796

Female from Bhutan may be this species according to H Malicky, 2007, *Linzer biol Beitr* 39(1): 493

Larva and pupa described by T Prommi, S Permkam, & H Malicky, 2007, *Braueria* 33: 31, 33, f 1-22

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

Male redescribed, reported from Vietnam, Myanmar, Malaysia (Peninsular), transferred from *Hydatomanicus* to *Hydromanicus*, in the *Hydromanicus verrucosus* Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 17-18, f 5-8 Thailand)

*Hydatomanicus klanklini* H Malicky & P Chantaramongkol, 1993

*Hydromanicus krsamgin* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydromanicus verrucosus* Group near *Hydromanicus sitahoanus* H Malicky Holotype--Male; INDIA: Meghalaya, Khasia Hills, R McLachlan; BM 1938-674; deposited in The Natural History Museum, London, United Kingdom India)

*Hydromanicus luctuosus* G Ulmer, 1905 : OL (Phenology in India (Himachal Pradesh), as *Hydromanicus truncatus* C Betten, provided by H Malicky, 2003, *Linzer Biol Beitr* 35(2): 906-907, f 2

Reported from Vietnam, as *Hydromanicus truncatus* C Betten, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31

Reported from Nepal, as *Hydromanicus truncatus* C Betten, by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan, as *Hydromanicus truncatus* C Betten, by H Malicky, 2007, *Linzer biol Beitr* 39(1): 497

Male redescribed, in the *Hydromanicus truncatus* Group, as *Hydromanicus truncatus* C Betten, reported again from India (Assam, Meghalaya) by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 31-33, f 38-41

Incertae sedis in *Hydromanicus* according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 50-51

Male redescribed by H Malicky, 2009, *Braueria* 36: 41, 44, f 43 India)

Syn.: *Hydromanicus truncatus* C Betten, 1909

*Hydromanicus makareus* H Malicky, 2007 : OL (Male described originally near *Hydromanicus diomedes* H Malicky Holotype--Male; BHUTAN: Trongsa, Telegangchhu Bridge, 27°29'N, 90°31'E, 2100 m, 21-iv-2006, Graf & Malicky; Lichtfallen; grosser Schluchtbach; deposited in NECS, Thimphu Bhutan)

*Hydromanicus malayanus* N Banks, 1931 : OL (Male redescribed, in the *Hydromanicus irroratus* Group, reported again in Malaysia (Peninsular) according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 35, f 45-47 Malaysia (Peninsular))

*Hydromanicus melli* (G Ulmer, 1926) : OL (Transferred from Hydatopsyche to Hydromanicus in the Hydromanicus spatulatus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 42 China (Guangdong))

*Hydatopsyche melli* G Ulmer, 1926

*Hydromanicus naraik* J Olah & KA Johanson, 2008 : OL (Described originally in the Hydromanicus spatulatus Group and Hydromanicus spatulatus Cluster near Hydromanicus topali J Olah & KA Johanson Holotype--Male; INDIA: Tamil Nadu, Naraikkadu, 2500-3000 feet, Tinnevely [Tirunelveli], 11-13-iii-1936; Brit Mus 1936-512, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydromanicus nieuwenhuisi* G Ulmer, 1951 : OL (In the Hydromanicus hermosus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 36 Borneo ?)

*Hydromanicus oni* G Ulmer, 1930 : OL (In the Hydromanicus irroratus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 34)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydromanicus ornatus* G Ulmer, 1951 : OL (

Transferred from Hydatomanicus to Hydromanicus, in the Hydromanicus verrucosus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 20 Indonesia (Java))

*Hydromanicus ovatus* Y Li, L Tian, & D Dudgeon, 1990 : OL (Reported from Vietnam by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 796

Reported from Vietnam, as Hydatomanicus ovatus, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Male and female redescribed, reported from Vietnam, transferred from Hydatomanicus to Hydromanicus, in the Hydromanicus verrucosus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 21-24, f 13-19 China (Guangdong))

*Hydromanicus palnis* J Olah & KA Johanson, 2008 : OL (Described originally in the Hydromanicus spatulatus Group and Hydromanicus spatulatus Cluster near Hydromanicus naraik J Olah & KA Johanson Holotype--Male; INDIA: Tamil Nadu, Palnis, 7000 ft, Kodaikanal, ix-1921, TB Fletcher; Brit Mus 1936-643; deposited in The Natural History Museum, London, United Kingdom India)

*Hydromanicus paucispinus* Y Li & L Tian, 1990 : OL (Purportedly transferred from Hydatopsyche to Hydromanicus in the Hydromanicus spatulatus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 42 China (Anhui))

*Hydromanicus punctosalis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

In the Hydromanicus truncatus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 30 Vietnam)

*Hydromanicus resen* H Malicky & W Mey, 2011 : OL (Male described originally near Hydromanicus elam H Malicky Holotype--Male; INDONESIA: Kalimantan, Tewah, Tumbang Korik, 28-i-1996, leg Kallies; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Kalimantan))

*Hydromanicus respersarius* (W Mey, 1995) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Transferred from Hydatopsyche to Hydromanicus in the Hydromanicus spatulatus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 42 Vietnam)

*Hydatopsyche respersarius* W Mey, 1995

*Hydromanicus sacso* J Olah & KA Johanson, 2008 : OL (Male and female described originally in the Hydromanicus hermosus Group near Hydromanicus abiud H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Lamdong, Baoloc, Duchma stream, waterfall, 22-x-1988, singled, J Olah; in alcohol; deposited in the J Olah Personal Collection Vietnam)

*Hydromanicus scotosius* (W Mey, 1996) : OL (Redescribed and reported from Nepal in the genus Hydatomanicus (p 797) and Hydropsyche (pl 2) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 797, pl 2

Reported from Vietnam, as Hydatomanicus scotosia and as Hydromanicus scotosius, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Distributed in Thailand and Nepal according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Vietnam, Thailand, Nepal, transferred from Hydatomanicus to Hydromanicus, in the Hydromanicus verrucosus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 15 Vietnam)

*Hydatomanicus scotosius* W Mey, 1996

*Hydromanicus sealthiel* H Malicky & P Chantaramongkol, 1993 : OL (In the Hydromanicus spatulatus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 43 Thailand)

*Hydromanicus sempit* P Chantaramongkol & H Malicky, 1995 : OL (

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

In the Hydromanicus hermosus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 39

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 22

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Hydromanicus serubabel* H Malicky & P Chantaramongkol, 1993 : OL (Male diagnosed, in the Hydromanicus truncatus Group, by J Olah & KA Johanson, 2008, Zootaxa 1802: 31

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Thailand)

*Hydromanicus seth* H Malicky, 1993 : OL (In the Hydromanicus truncatus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 31 Myanmar)

*Hydromanicus sitahoanus* H Malicky, 1997 : OL (Originally described in Hydatomanicus, transferred to Hydromanicus, Hydromanicus verrucosus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 24

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydromanicus spatulatus* (AV Martynov, 1935) : OL (Transferred from Hydatopsyche to Hydromanicus in the Hydromanicus spatulatus Group and Hydromanicus spatulatus Cluster by J Olah & KA Johanson, 2008, Zootaxa 1802: 48 Holotype "is probably lost and was not available for this study" (J Olah & KA Johanson, 2008, Zootaxa 1802: 48) India)

*Hydatopsyche spatulatus* AV Martynov, 1935

*Hydromanicus tabernaemontanus* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

In the Hydromanicus spatulatus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 43 Vietnam)

*Hydromanicus topali* J Olah & KA Johanson, 2008 : OL (Male described originally in the Hydromanicus spatulatus Group and Hydromanicus spatulatus Cluster near Hydromanicus spatulatus AV Martynov Holotype--Male; INDIA: Karnataka, Shimoga District, Jog Falls, 5-iii-1980, MV lamps, Gy Topal; deposited in the Natural History Museum, Budapest, Hungary India)

*Hydromanicus umbonatus* Y Li, 1993 : OL (In the Hydromanicus truncatus Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 26

Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 China (Yunnan))

*Hydromanicus unicolor* (G Ulmer, 1951) : OL (Transferred from Hydatomanicus to Hydromanicus, in the Hydromanicus verrucosus Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 24 Indonesia (Java))

*Hydatomanicus unicolor* G Ulmer, 1951

*Hydromanicus wulaianus* (M Kobayashi, 1987) : OL (Transferred from Hydropsyche or Cheumatopsyche to Hydromanicus in the Hydromanicus spatulatus Group, from other localities in

Taiwan by J Olah & KA Johanson, 2008, Zootaxa 1802: 43 Taiwan)  
*Hydropsyche wulaianus* M Kobayashi, 1987

***Hydronema* AV Martynov, 1914**

*Hydronema persica* AV Martynov, 1914 : OL, PA (Listed in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 556 Uzbekistan)  
Syn.: *Hydronema rudolfi* W Mey, 1986

***Hydropsyche* FJ Pictet, 1834**

**subgenus *Hydrocheumatopsyche* G Marlier, 1962**

**subgenus *Hydropsyche* FJ Pictet, 1834**

*Hydropsyche (Hydropsyche) (contubernalis) borealis* AV Martynov, 1926 (Described originally as *Hydropsyche ornatula natio borealis*)

Considered a species ("prospecies") of the aggregate ("superspecies") *Hydropsyche contubernalis* by L Botosaneanu, 1992, Entomofauna 13: 245-249, f 1-6, for which the International Code of Zoological Nomenclature (1999) Article 6.2 and Recommendation 6B specify formatting as *Hydropsyche (contubernalis) borealis* AV Martynov

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Male described and illustrated as a morphotype of *Hydropsyche contubernalis* by H Malicky, 2008, Braueria 35: 41-42, figs on p 42 northern European Russia)

*Hydropsyche (Hydropsyche) Hydropsyche ornatula nigrescens* AV Martynov, 1909 (~ornatula R McLachlan, 1878, Rev Syn p 363-364, pl 39 f 1-3)

*Hydropsyche (Hydropsyche) abyssinica* DE Kimmins, 1963 : AT (Ethiopia)

*Hydropsyche (Hydropsyche) acinoxas* H Malicky, 1981 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807, f 48)

Reported from France by G Coppa, A Manach, & J Le Doare, 2004("2003"), Ephemera 5(1): 19-22

Male and larval variations discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 53, f 2c Spain)

*Hydropsyche (Hydropsyche) acuta* AV Martynov, 1909 (Described originally as a subspecies of *Hydropsyche instabilis*)

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 188-189, f 77-81

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Turkey)

*Hydropsyche (Hydropsyche) adrastos* H Malicky & P Chantaramongkol, 1996 : OL (Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155 Thailand)

*Hydropsyche (Hydropsyche) adpersa* L Navas, 1932 (Male redescribed from Cyprus by H Malicky, 2001, Linzer Biologische Beitrage 33(1): 500, pl 9 Cyprus)

*Hydropsyche (Hydropsyche) adunotensis* W Mey, 2002 : OL (Male described originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male phallus illustrated by W Mey, 2003, J Biogeography 30: 229, f 4(4)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche calawiti* Species Clade according



to J Olah & KA Johanson, 2008, Zootaxa 1802: 78 Holotype--Male; Philippines: Luzon, Benguet, 30 km east of Baguio, valley of the Adunot river, 19-21-11-1997, leg W Mey and K Ebert; deposited in the Museum fuer Naturkunde Berlin, Germany Philippines)

*Hydropsyche (Hydropsyche) aerata* HH Ross, 1938 : NA (Male redescribed by JA Korecki & DE Ruiter, 2009, Western North American Naturalist 69(3): 295-296, 298, f 2, 11-15 United States of America)

*Hydropsyche (Hydropsyche) afghanistanica* F Schmid, 1963 : OL (Reported from Kashmir by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 798

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 100 Afghanistan)

*Hydropsyche (Hydropsyche) aiakos* H Malicky, 1997 : OL (Reported from Burma by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 795

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported again from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Reported from India, belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155 Nepal)

*Hydropsyche (Hydropsyche) akseki* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Antalya) Holotype--Male; TURKEY: Antalya, Akseki, Ueruenlue Koeyue, 500 m, 36\*59'N, 31\*35'E, 29-xi-1991, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) alabama* PK Lago & SC Harris, 1991 : NA (Male redescribed by JA Korecki & DE Ruiter, 2009, Western North American Naturalist 69(3): 295-296, 298, f 3, 16-20 United States of America)

*Hydropsyche (Hydropsyche) alaca* H Malicky, 1974 (Turkey)

*Hydropsyche (Hydropsyche) alanya* F Sipahiler, 1987 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807 Turkey)

*Hydropsyche (Hydropsyche) alarensis* F Sipahiler, 2004 (Male described originally in the *Hydropsyche pellucidula* Group Holotype--Male; Turkey: Antalya, Guendogmus, Gueneycik Koeyue, Alara Cayi, Ali Koepruesue, (at light), (36\*46'N, 31\*56'E), leg Sipahiler; deposited in the collection of F Sipahiler, Hacettepe Universitesi, Beytepe, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) alluaudina* (L Navas, 1931) : AT (Transferred from *Symphitopsyche* to *Hydropsyche* by KMF Scott, 1983, Ann Cape Prov Mus natr Hist 14(8): 319; PW Scheffer, 2005, Aquatic Insects 27(2): 148; J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Uganda)

*Plesiopsyche alluaudina* L Navas, 1931

*Hydropsyche (Hydropsyche) alvata* DG Denning, 1949 : NA (United States of America)

*Hydropsyche (Hydropsyche) ambigua* F Schmid, 1973 (Replacement name for *Hydropsyche dubia* F Schmid, 1952 Spain)

Syn.: *Hydropsyche dubia* F Schmid, 1952

*Hydropsyche (Hydropsyche) ambonensis* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche seramensis* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 83 Holotype--Male; Indonesia: Ambon, Gunung Sirimau, 500 m, 23-vii-1995, S Naumann; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Ambon))

*Hydropsyche (Hydropsyche) anachoreta* W Mey & R Jung, 1986 (Armenia)

*Hydropsyche (Hydropsyche) ancorapunctata* K Tanida, 1986 (Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 123 Japan)

*Hydropsyche (Hydropsyche) angkangensis* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche pluvialis* Group near *Hydropsyche sikkimensis* and *Hydropsyche binaria* and *Hydropsyche ditalon*

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 112 Holotype--Male; North Thailand: Doi Angkang, 1450 m, 19°54'N, 99°03'E, 24-26-IX-1986, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) angulata* (L Navas, 1934) : AT (Transferred from *Symphitopsyche* to *Hydropsyche* by KMF Scott, 1983, *Ann Cape Prov Mus natr Hist* 14(8): 319; PW Scheffer, 2005, *Aquatic Insects* 27(2): 148; J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Madagascar)

*Symphitopsyche angulata* L Navas, 1934

*Hydropsyche (Hydropsyche) angustipennis* (J Curtis, 1834) : PA (Larva diagnosed by P Wiberg-Larsen, 1980, *Entomol Meddr* 47: 125-140, f 6-7, 15, 20, 25

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Riparian habitat requirements for swarming reported by S Engels, D Neumann, H Lobbel, & M Bruhne, 1996, *Arch hydrobiol Suppl-bd* 113(1-4): 313-317

Diet by A Temech, M Grzybkowska, J Majecki, & R Ligowski, 1998, *Polskie Arch Hydrobiol* 45(1): 55-63

Larval responses to copper and diazinon reported by HG van der Geest, GD Greve, D Gerdit, EM de Haas, BB Scheper, MHS Kraak, SC Stuijzand, KH Augustijn, & W Admiraal, 1999, *Envir Toxicol Chem* 118(9): 1965-1971

Distribution, larval development, emergence, and production reported by R Poepperl, 2000, *Limnologica* 30(1): 65-72

Diazinon effects on larval survival, activity, growth reported by SC Stuijzand, L Poort, GD Greve, hG van der Geest, & MHS Kraak, 2000, *Envir Toxicol Chem* 19(3): 582-587

Acute and chronic effects of particle-associated fenvalerate R Schulz, & M Liess, 2001, *Archives of Environmental Contamination and Toxicology* 40(4): 481-488

Infestation by *Globulocephalus hydropsyches* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, *Proc Internatn Symp Trich* 10: 9-16

Sensitivity to single and multiple stressors (diazinon, copper, low dissolved oxygen) reported by HG van der Geest, MHS Michiel, & GD Greve, 2002, *Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological Society (N.E.V.)* 13: 9-19

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, *Braueria* 34: 14

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 31

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, *Zootaxa* 2556: 51-68 Britain)

*Philopotamus angustipennis* J Curtis, 1834

Syn.: *Hydropsyche aspersa* P Rambur, 1842  
Syn.: *Hydropsyche fulvipes* JF Stephens, 1836  
Syn.: *Hydropsyche longipennis*, 1935  
Syn.: *Hydropsyche nebulosa* FJ Pictet, 1834  
*Hydropsyche (Hydropsyche) angustipennis mallorcana* H Malicky, 1980 (~angustipennis (J Curtis, 1834, Phil Mag 4: 213), Philopotamus)  
*Hydropsyche (Hydropsyche) angustipennis tincta* FJ Pictet, 1834 (Described originally as a distinct species)

Considered a variety of *Hydropsyche angustipennis* (J Curtis) by HDJ Wallengren, 1891, Skandin Neur Trich p 139

~angustipennis (J Curtis, 1834, Phil Mag 4: 213), Philopotamus)  
*Hydropsyche (Hydropsyche) annulata* (G Ulmer, 1905) : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340)

Male redescribed by G Ulmer, 1951, Arch Hydrobiol Suppl 19: 231, f 305-311

Male redescribed by A Neboiss, 1996, Braueria 23: 7, f 1-6

Male redescribed in *Hydropsyche* from Java, Bali, Pujungan, and Tegenungan by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 808, pl 20

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 123

The Javanese *Hydropsyche annulata* Ulmer 1905 which was recorded for Sumatra does not occur there according to H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 178  
Neotype specimen from Buitenzorg, deposited in Zoological Museum, Hamburg University, designated by A Neboiss, 1996, Braueria 23: 7 Indonesia (Java))

*Hydromanicus annulata* G Ulmer, 1905  
*Hydropsyche (Hydropsyche) aphrodite* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche asiatica* Group originally)

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155 Holotype--Male; Malaysia: Sabah (Borneo), Kinabalu NP, Headquarters bei 1560 m, 6°00'N, 116°33'E, 9-18-IV-1999, leg Sivec; deposited in the H Malicky collection, Lunz am See, Austria Malaysia (Sabah))

*Hydropsyche (Hydropsyche) apide* (J Olah & KA Johanson, 2006) : AU (Male described originally in the *Caledopsyche atalanta* Group near *Caledopsyche atalanta* PW Scheffer & JW Ward)

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.58139°S, 164.76444°E, 1310 m, 9-xii-2003, Malaise trap, loc#074, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Caledopsyche apide* J Olah & KA Johanson, 2006  
*Hydropsyche (Hydropsyche) appendicularis* AV Martynov, 1931 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340)

Recorded from India by W Mey, 1999, P Internatn Symp Trich 9: 227-236

Male redescribed from Thailand, Laos, Nepal, and Pakistan by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 820, pl 31

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Nepal and India, belonging to the *Hydropsyche formosana* Species Group according to

J Olah & KA Johanson, 2008, Zootaxa 1802: 90 China (Sichuan)  
*Hydropsyche (Hydropsyche) arcturus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche pluvialis* L Navas and *Hydropsyche battos* H Malicky & P Chantaramongkol originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 103 Holotype--Male; North Thailand: Doi Pui, 1660 m, 18°49'N, 98°56'E, 17-XI-1986, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) ardens* R McLachlan, 1875 : PA (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340)

Male redescribed in *Hydropsyche* from Kirghizstan, also Iran, Afghanistan, Uzbekistaqn, and Pakistan, by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 805

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 123 "Habitat prope Maracandam" Uzbekistan)  
*Hydropsyche (Hydropsyche) ares* H Malicky & P Chantaramongkol, 2000 : OL (Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155 Holotype--XXX?; MALAYSIA: Sabah, Kinabalu National Park Malaysia (Sabah))  
*Hydropsyche (Hydropsyche) argos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 100 Holotype--Male; China: Zhejiang, Gutien Shan, 450 m, 26°21'N, 119°26'E, 9-VI-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Zhejiang))  
*Hydropsyche (Hydropsyche) arinale* HH Ross, 1938 : NA (United States of America)  
Syn.: *Hydropsyche reiseni* DG Denning, 1975  
*Hydropsyche (Hydropsyche) arion* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 103 Holotype--Male; China: Zhejiang, Long Wang Shan, 560 m, 30°28'N, 119°22'E, 3-4-VI-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Zhejiang))  
*Hydropsyche (Hydropsyche) arkas* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 85 Holotype--Male; Malaysia: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipunguit, 600 m, 6°03'N, 116°42'E, 21-22-IV-1999, leg Sivec; deposited in the H Malicky collection, Lunz am See, Austria Malaysia (Sabah))  
*Hydropsyche (Hydropsyche) artax* H Malicky & A Lounaci, 1987 (Male of *Hydropsyche inflata* type

redescribed by L Botosaneanu, 1999, Bull Soc entomol France 104(2): 113, f 1-5

Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807

A synonym of *Hydropsyche lobata* according to L Botosaneanu, 1999, Bull Soc entomol France 104(2): 113

Larva described by W Allaya, 2003, Braueria 30: 21, tab 1

A distinct species according to H Malicky, XXXX ????, Atlas of European Trichoptera, p 145 Tunisia)  
*Hydropsyche (Hydropsyche) asiatica* G Ulmer, 1905 : OL (Male redescribed from Nepal by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 795, pl 1

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from additional localities in India, belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155 India)

*Hydropsyche (Hydropsyche) askalaphos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche asiatica* Group originally

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 155

Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; THAILAND: Huai Nam Dang, 1690 m, 3-VI-1986, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) askanios* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group near *Hydropsyche bifurcata* W Mey originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 85 Holotype--Male; Brunei, Temburong, 300 m, 26-30-IV-1989, leg Allen; deposited in the H Malicky collection, Lunz am See, Austria Brunei)

*Hydropsyche (Hydropsyche) asklepios* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group near *Hydropsyche davisi* W Mey originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 80 Holotype--Male; Philippines: North Luzon, Banane, 21-23-IX-1988, leg Settele; deposited in the H Malicky collection, Lunz am See, Austria Philippines (North Luzon))

*Hydropsyche (Hydropsyche) asopos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group near *Hydropsyche gemellata* W Mey and *Hydropsyche hamifera* G Ulmer originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 83 Holotype--Male; Indonesia: Central Sulawesi, 4.5 km NE Tentena, 1\*45'S, 120\*41'E, 5-Jan-1995, leg Haft; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) assarakos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche javanica* Group near *Hydropsyche javanica* G Ulmer and *Hydropsyche initiana* W

Mey originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 72 Holotype--Male; Nepal: Chitwan National Park, 150 m, 27°32'N, 84°04'E, 18-III-1993, leg Allen; deposited in the H Malicky collection, Lunz am See, Austria Nepal)

*Hydropsyche (Hydropsyche) astraios* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group near *Hydropsyche calawiti* W Mey originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 85

Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12, 15 Holotype--Male; Indonesia: Central Sulawesi, 4.5 km NE Tentena, 1°45'S, 120°41'E, 5-Jan-1995, leg Haft; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) astyanax* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche javanica* Group near *Hydropsyche assarakos* H Malicky & P Chantaramongkol originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 72 Holotype--Male; India: Kerala, Kallar-Tal, 1250 m, 15 km SW Munnar, 10°02'N, 76°58'E, leg Dembicky & Pacholatko; deposited in the H Malicky collection, Lunz am See, Austria India)

*Hydropsyche (Hydropsyche) atalanta* (PW Schefter & JB Ward, 2002) : AU (Male and female described originally

Male redescribed in the *Caledopsyche atalanta* Group by J Olah, KA Johanson, & PC Barnard, 2006, Zootaxa 1356: 7376, f 169-172

New records in New Caledonia, belonging in the *Caledopsyche atalanta* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 169

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; New Caledonia: Tributary of Karionan river, 5 km NNW of Païta, 11-12 October 1972, WL and JG Peters (N35)(alcohol); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Caledopsyche atalanta* PW Schefter & JB Ward, 2002

*Hydropsyche (Hydropsyche) athamas* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche vasuomittra* Group near *Hydropsyche dhusaravarna* F Schmid and *Hydropsyche vasuomittra* F Schmid

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to *Hydropsyche vasuomittra* ("vasoumittra") Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 58 Holotype--Male; Pakistan: Pattan, 1050 m, 35°08'N, 72°56'E, 30-IX-1988, leg Hacker; deposited in the H Malicky collection, Lunz am See, Austria Pakistan)

*Hydropsyche (Hydropsyche) athene* H Malicky & P Chantaramongkol, 2000 : OL (Male described

originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from North Korea (possibly an undescribed species), belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 90 Holotype--Male; China: Zhejiang, Gutien Shan, 450 m, 26°21'N, 119°26'E, 7-vi-1989, leg Kyselak, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria China (Zhejiang))  
*Hydropsyche (Hydropsyche) atlas* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche vasuomittra* Group)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Belonging to *Hydropsyche vasuomittra* ("vasoumittra") Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 58 Holotype--Male; Nepal: Mahadev Khola, 1300 m, 27°53'N, 85°39'E, 12-IV-1995, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Nepal)  
*Hydropsyche (Hydropsyche) atreus* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade [subgenus *Occutanspsyche*?] according to J Olah & KA Johanson, 2008, Zootaxa 1802: 63

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Ketambe, 400 m, 3°40'N, 97°40'E, 5-8-Feb-1994; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Hydropsyche (Hydropsyche) atropos* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade [subgenus *Occutanspsyche*?] according to J Olah & KA Johanson, 2008, Zootaxa 1802: 63 Holotype--Male; Thailand: Ranong, Khao Muang Sung, 400 m, 18-ix-1992, leg Schwendinger; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) attis* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 91 Holotype--Male; Thailand: Chiangmai Zoo, 400 m, 18°49'N, 98°57'E, 17-24-iv-1989; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) augeias* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally)

Cited as "augeias" in Zoological Record, 2001

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche formosana* Species Group (as "augeias") according to J Olah & KA Johanson, 2008, Zootaxa 1802: 91 Holotype--Male; Thailand: Huai Nam Ru, 1400 m, 19°23'N, 98°35'E, 18-iv-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) auricolor* G Ulmer, 1905 : NA, NT ( Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 "Mexico")  
Syn.: *Hydropsyche solex* HH Ross, 1944

*Hydropsyche (Hydropsyche) autolykos* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 91 Holotype--Male; Brunei: Temburong, 300 m, 26-30-iv-1989, leg Allen; deposited in the collection of H Malicky, Lunz am See, Austria Brunei)

*Hydropsyche (Hydropsyche) bacanensis* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche sulana* W Mey, 1998

Male redescribed in the *Hydropsyche hamifera* Group from Indonesia (Halmahera) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 815, pl 27

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 83 Holotype--Male; Indonesia: Moluccas, Bacan, Mt. Sibela, 1-13-ii-1996, V Siniaev; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Bacan))  
*Hydropsyche (Hydropsyche) bacchus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 100 Holotype--Male; North Thailand: Huai Nam Ru, 1400 m, 19°23'N, 98°35'E, 18-IV-1989, leg Malicky & Chantaramongkol; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) baimaii* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 103 Holotype--Male; North Thailand: Sob Pong, 600 m, 19°31'N, 98°16'E, 23-XII-1989, leg Malicky & Chantaramongkol; deposited in the H



Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) banksi* DE Kimmins, 1955 : OL (Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 91 Malaysia (Sarawak))

*Hydropsyche (Hydropsyche) bassi* OS Flint, JR Voshell, & CR Parker, 1979 : NA (United States of America)

*Hydropsyche (Hydropsyche) batavorum* L Botosaneanu, 1979 (Probably a deformed specimen of *Hydropsyche modesta* Navas, 1925, according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 559 Jordan)

*Hydropsyche (Hydropsyche) battilosa* W Mey, 2002 : OL (Male described originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche faurai* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 77 Holotype--Male; Philippines: Luzon, Benguet, Kabayan Municipality, Mt Tabayoc, 2350 m, 22-25-11-1997, leg W Mey and V Samarita; deposited in the Museum fuer Naturkunde Berlin, Germany Philippines)

*Hydropsyche (Hydropsyche) battos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche pluvialis* L Navas originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 104 Holotype--Male; Thailand: Doi Puka, 1300 m, 5-X-1991, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) baubo* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche grahami* N Banks originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 100 Holotype--Male; Thailand: Doi Inthanon, 2300 m, 10-IV-1996, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) belos* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche camillus* H Malicky & P Chantaramongkol and *Hydropsyche klimai* W Mey originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340 Holotype--Male; Indonesia (South Nias): 14-18-III-1980, leg Diehl; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (South Nias))

*Hydropsyche (Hydropsyche) betteni* HH Ross, 1938 : NA (Effect of suspended particles on net tending behavior reported by JM Runde & RA Hellenthal, 2000, *Ann Entomol Soc Amer* 93(3): 678-683

Weight loss and net abnormalities of larvae exposed to aqueous zinc reported by GC Balch, RD Evans, P Welbourn, & R Prairie, 2000, *Environmental Toxicology and Chemistry* 19(12): 3036-3043

Life history and production discussed by S Alexander & LA Smock, 2005, *Northeastern Naturalist* 12(4): 433-446

Wing coupling structure and function discussed by IC Stocks, 2010, *Journal of Morphology* 271: 152-168 United States of America)

*Hydropsyche (Hydropsyche) bias* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche germanorum* and *Hydropsyche vialigni* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 124

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Simarito (15 km N Sindar Raja), 400 m, 3°10'N, 98°57'E, 18-XI-1979, leg Diehl; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sumatra)

*Hydropsyche (Hydropsyche) bidens* HH Ross, 1938 : NA (

Larval accumulation and depuration of tetrachlorodibenzofuran and octachlorodibenzo-p-dioxin reported by GM Pastershank, DC Muir, & WL Fairchild, 1999, Envir Toxicol Chem 18(10): 2352-2360

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Hydropsyche (Hydropsyche) bidentata* DG Denning, 1948 : NA (United States of America)

*Hydropsyche (Hydropsyche) bifurcata* W Mey, 1990 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 80 Philippines)

*Hydropsyche (Hydropsyche) binaria* W Mey, 1996 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Redescribed from Thailand and Nepal in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 801, pl 4

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Male redescribed, reported from additional locaiton in India, belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 112

Distributed in Thailand and Nepal according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Hydropsyche (Hydropsyche) bitlis* H Malicky, 1986 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Turkey)

*Hydropsyche (Hydropsyche) biton* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche butes* and *Hydropsyche busiris* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 124

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Prapat, 1400 m, 2°46'N, 98°59'E, 25-XI-1973, leg Diehl; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) bonadea* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp

Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade [subgenus *Occutanspsyche*?] according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 63

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra, Aceh, Gayo-Berge, 44 km N Blangkejeren, 1800 m, 4°17'N, 97°05'E, 7-ii-1994, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)  
*Hydropsyche (Hydropsyche) bonuseventus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche ardens* and *Hydropsyche cerva* and *Hydropsyche rakshakaha* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 124 Holotype--Male; Thailand: Doi Puka, 5-X-1991, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) bootes* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche grahami* N Banks and *Hydropsyche baubo* H Malicky & P Chantaramongkol originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 100 Holotype--Male; Thailand: Doi Inthanon, Bang Khun Klang, 1200 m, 18°32'N, 98°32'E, 20-27-II-1989; deposited in the H Malicky collection, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) boreas* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche serpentina* also from Vietnam originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 145

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Thailand: Doi Puka, 5-X-1991, leg Schwendinger; deposited in the H Malicky collection, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) botosaneanui* M Marinkovic-Gospodnetic, 1966 (Male genitalia variation described by H Malicky, 1999, *Linzer biol Beitr* 31(2): 806, f 39-44

Larva described by J Fischer and PJ Neu, 2002, *Proc Internatn Symp Trich* 10: 415-419, 656-657, f 1-2

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38

Reported from Italy (Piemonte, Liguria, Emilia Romagna) by H Malicky, 2005("2004"), *Gortania* 26: 248

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Bosnia)  
*Hydropsyche (Hydropsyche) breviculata* M Kobayashi, 1987 : OL (Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 156 Taiwan)  
*Hydropsyche (Hydropsyche) brevis* ME Mosely, 1930 (Male genitalia redescribed by H Malicky, 1999, *Linzer biol Beitr* 31(2): 807, f 68-69

Degree of intolerance score (DIS) of 7.62 reported from eastern Spain by N Bonada, C Zamora-Munoz,

M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 France)

*Hydropsyche (Hydropsyche) briareus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche briseus* and *Hydropsyche brontes* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 145 Holotype--Male; Thailand: Doi Inthanon, Mae Klang bei 570 m, 18°32'N, 98°36'E, 8-Feb-1997; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) briseus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche briareus* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Variations in female from India, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 145 Holotype--Male; Nepal: Chitwan National Park, Temple Tiger Lodge, 150 m, 27°32'N, 84°04'E, 18-19-IV-1995, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Nepal)

*Hydropsyche (Hydropsyche) brontes* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche briareus* and *Hydropsyche briareus* also from Thailand originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 146 Holotype--Male; Malaysia: Perak, Belum Base Camp, 250 m, 5°30'N, 101°26'E, 21-III to 14-IV-1994, leg Sivec; deposited in the H Malicky collection, Lunz am See, Austria Malaysia (Peninsular))

*Hydropsyche (Hydropsyche) broteas* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche annulata* Group near *Hydropsyche carina* Gui & L Yang and *Hydropsyche spinata* M Kobayashi

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 124 Holotype--Male; Nepal: Godaveri, 1700 m, 27°35'N, 85°23'E, 30-V-1990, leg Allen; deposited in the H Malicky collection, Lunz am See, Austria Nepal)

*Hydropsyche (Hydropsyche) brueckmanni* W Mey, 1995 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 85 Philippines)

*Hydropsyche (Hydropsyche) brunneipennis* OS Flint & WL Butler, 1983 : NA (Male redescribed by

JA Korecki & DE Ruiter, 2009, Western North American Naturalist 69(3): 295-296, 298, f 4, 21-25 United States of America)

*Hydropsyche (Hydropsyche) bryanti* N Banks, 1939 : OL (Belonging to subgenus or genus Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from Sumatra by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 821, pl 31

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 91

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Hydropsyche (Hydropsyche) buenafei* W Mey, 1998 : OL (Male described originally, very similar to *Hydropsyche davisii* W Mey

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 80 Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, Lake Danao, 1200 m, at light, 21-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Hydropsyche (Hydropsyche) buergersi* G Ulmer, 1915 : AU (Belonging in the *Hydropsyche buergersi* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 154 New Guinea)

*Hydropsyche (Hydropsyche) bujnurdica* L Botosaneanu, 1998 (Holotype--XXX?; IRAN: Sar Cheshmeh Iran)

*Hydropsyche (Hydropsyche) bulbifera* R McLachlan, 1878 (Morphological variation in Iran reported by L Botosaneanu, 1998, Entomologische Zeitschrift 108(12): 496-500

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from France by G Coppa, 2004("2002"), Ephemera 4(1): 11-13

Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), Gortania 26: 248

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria, Germany ("Bavaria"), Saxony)

Syn.: *Hydropsyche atrata* L Navas, 1933

Syn.: *Hydropsyche fallaciosa* , 1974

Syn.: *Hydropsyche mosulensis* ME Mosely, 1934

Syn.: *Hydropsyche nebulosa* , 1857

Syn.: *Hydropsyche protecta* L Navas, 1923

Syn.: *Hydropsyche subguttata* , 1959

*Hydropsyche (Hydropsyche) bulgaromanorum* H Malicky, 1977 : PA (Reported from Siberia (Novosibirsk) as *Hydropsyche bulgoromanorum* by MA Beketov, 2006, Braueria 33: 13

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 Austria)

*Hydropsyche (Hydropsyche) busiris* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche annulata* G Ulmer and *Hydropsyche butes* H Malicky & P Chantaramongkol and *Hydropsyche penicillata* AV Martynov originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 136 Holotype--Male; China: Zhejiang, Gutien Shan, 450 m, 26\*21'N, 119\*26'E, 7-VI-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Zhejiang)

*Hydropsyche (Hydropsyche) butes* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche annulata* G Ulmer also from Malaysia (Peninsular) and North Andaman originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Malaysia, and Vietnam, belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 136-137

New records from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 22 Holotype--Male; INDONESIA (Sumatra): Simarito (15 km N Sindar Raja), 400 m, 3\*10'N, 98\*57'E, 15-IV-1997, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sumatra)

*Hydropsyche (Hydropsyche) bwambana* ME Mosely, 1939 : AT (Uganda)

*Hydropsyche (Hydropsyche) cacus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche annulata* G Ulmer and *Hydropsyche butes* H Malicky & P Chantaramongkol and *Hydropsyche penicillata* AV Martynov originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 137

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Holotype--Male; China: Zhejiang, Gutien Shan, 450 m, 26\*21'N, 119\*26'E, 7-VI-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Zhejiang)

*Hydropsyche (Hydropsyche) calawiti* W Mey, 1995 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche calawiti* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 78 Philippines)

*Hydropsyche (Hydropsyche) californica* N Banks, 1899 : NA (Biomonitoring and metal accumulation in larvae reported by DJ Cain, JL Carter, SV Fend, SN Luoma, CN Alpers, & HE Taylor, Can j Fish Aq Sci 57(2): 380-390)

Cadmium susceptibility related to phylogeny by DB Buchwalter, DJ Cain, CA Martin, L Xie, SN Luoma, & T Garland, 2008, Proceedings of the National Academy of Sciences XXXX??: XXX??-XXX?? United States of America)

*Hydropsyche (Hydropsyche) camillus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche gautamitra* F Schmid and *Hydropsyche cacus* H Malicky & P Chantaramongkol and *Hydropsyche malassanka* F Schmid and *Hydropsyche belos* H Malicky & P Chantaramongkol also from Vietnam originally)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 137 Holotype--Male; Thailand: Mogtian, ca 20°02'N, 99°20'E, 27-Feb-1987, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Thailand)  
*Hydropsyche (Hydropsyche) carolae* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche ungulata* Species Group, near *sabronensis* DE Kimmins Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 200 m, 11-15-x-1992, VO Becker; in alcohol; deposited in the United States National Museum of Natural History, Washington, District of Columbia, United States of America Papua New Guinea)

*Hydropsyche (Hydropsyche) carolina* N Banks, 1938 : NA (United States of America)

*Hydropsyche (Hydropsyche) catawba* HH Ross, 1939 : NA (United States of America)

*Hydropsyche (Hydropsyche) cebuensis* W Mey, 1998 : OL (Male described originally

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 83 Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Hydropsyche (Hydropsyche) celebensis* G Ulmer, 1951 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed by A Neboiss, 1996, Braueria 23: 7, f 7-10

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 85 holotype in Zoological Museum, Hamburg University, according to A Neboiss, 1996, Braueria 23: 7 Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) cerberus* (PW Schefter & JB Ward, 2002) : AU (Male described originally, female may be *Caledopsyche* species W or *Caledopsyche* species Z described in same publication

Male redescribed in the *Caledopsyche kimminsi* Group by J Olah, KA Johanson, & PC Barnard, 2006, Zootaxa 1356: 67, f 154-157

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; New Caledonia: stream on Pic Mouirange, Camp des Travaux Publics on Terr Route 2, 153 m (N27), 24-29 September 1972, WL and JG Peters (alcohol); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Caledopsyche cerberus* PW Schefter & JB Ward, 2002

*Hydropsyche (Hydropsyche) cetibeli* H Malicky & F Sipahiler, 1993 (Male redescribed in the *Hydropsyche instabilis* Group from Greece (mainland, Lesbos, Chios, Samos) by H Malicky, 2001, Linzer Biologische Bietrage 33(1): 494-495, 499, pl 8

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 185, f 26-31 Turkey)

*Hydropsyche (Hydropsyche) charon* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche annulata* Group near *Hydropsyche diktys* H Malicky & P Chantaramongkol

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

reported from India, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 124 Holotype--Male; BHUTAN: Prov Paro, Gedu, 2100 m, 18-VII through 3-VIII-1990, leg Holzschuh; deposited in the H Malicky collection, Lunz am See, Austria Bhutan)

*Hydropsyche (Hydropsyche) cheesmanae* (DE Kimmins, 1953) : AU (Male redescribed and female described by PW Scheffer & JB Ward, 2002, *Records of Canterbury Mus* 16: 19-20, f 2-5

Male redescribed in the *Caledopsyche kimminsi* Group by J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 68, f 158-160

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 926 New Caledonia)

*Caledopsyche cheesmanae* DE Kimmins, 1953

*Hydropsyche (Hydropsyche) chiron* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche annulata* G Ulmer originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 146 Holotype--Male; LAOS: Salavan Prov, Tad Lo, 370 m, 15\*20'N, 106\*15'E, 29-XII-1996, leg Schendinger; deposited in the H Malicky collection, Lunz am See, Austria Laos)

*Hydropsyche (Hydropsyche) cipus* H Malicky & P Chantaramongkol, 2000 (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche grahami* N Banks originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 100 Holotype--Male; China: Henan, Luoshan county, Linghan Mt, 300 m, 31\*54'N, 114\*13'E, 27-V-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Henan))

*Hydropsyche (Hydropsyche) cirali* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Antalya) Holotype--Male; TURKEY: Antalya, Kemer, Cirali, 21-v-1999, 36\*22'N, 30\*29'E, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) claviformis* W Mey, 1996 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed from Nepal in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 802, pl 11

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 497

Additional records from India, belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 104 India)

*Hydropsyche (Hydropsyche) clitumnus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche pallipennis* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 113 Holotype--Male; Thailand: Doi



Inthanon, Bang Khun Klang, 1200 m, 18°32'N, 98°32'E, 17-26-VII-1989, leg Chantaramongkol & Malicky; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) complicata* N Banks, 1939 : OL (Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 137 China (Guangdong))

*Hydropsyche (Hydropsyche) confusa* (F Walker, 1852) : NA (Canada)

*Philopotamus confusa* F Walker, 1852

Syn.: *Hydropsyche corbeti* AP Nimmo, 1966

Syn.: *Hydropsyche separata* N Banks, 1936

*Hydropsyche (Hydropsyche) consanguinea* R McLachlan, 1884 (Reported from Iraq by F Al-Zubaki & A Al-Kayalt, 1987, *Iraq Journal of Science* 26(2): 439-443

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Iran)

*Hydropsyche (Hydropsyche) contubernalis* R McLachlan, 1865 : PA (Stridulation behavior studied by GW Johnstone, 1964, *Proc R Entomol Soc London* 39(10-12): 146-150

Larva diagnosed by P Wiberg-Larsen, 1980, *Entomol Meddr* 47: 125-140, f 10, 26

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Distribution, habitat, immigration by L Tappenbeck, 1998, *Lauterbornia* 34: 67-71

Effects of low pH on lipid metabolism of larvae reported by TI Regerand, ZA Nefedova, LT Toivonen, LV Dubrovina, K-M Vuory, LV Markova, & TR Ruokolainen, 2002, *Ontogenez* 33(4): 285-291

Migration between rivers in Germany reported by L Tappenbeck, 1999, *Entomologische Mitteilungen Sachsen-Anhalt* 7(1): 9-12

Reported from Uzbekistan by N Abdullaeva, 2002, *Uzbekskii Biologicheskii Zhurnal* 3: 74-76

Male and female genitalia illustrated, reported from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, *Geol, Biodiv & Ecol Lake Hovsgol (Mongolia)*, p 320

In lentic habitat near Potsdam Germany according to W Mey, 2005, *Lauterbornia* 54: 115-122

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, *Lauterbornia* 56: 155-167

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (southern Buryatia, Chita Region, Novosibirsk) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 31

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported by MT Greenwood, 2008, *Braueria* 35: 21

Male described and illustrated as a morphotype of *Hydropsyche contubernalis* by H Malicky, 2008, *Braueria* 35: 41-42, figs on p 42

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, *Zootaxa* 2556: 51-68 Britain)

*Hydropsyche (Hydropsyche) contubernalis iranica* H Malicky, 1977 ( *contubernalis* R McLachlan, 1865, *Tr Ent Soc London* (3) 5: 129-130, pl 13 f 12

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Male described and illustrated as a morphotype of *Hydropsyche contubernalis* by H Malicky, 2008, *Braueria* 35: 41-42, figs on p 42)

*Hydropsyche (Hydropsyche) contubernalis masovica* H Malicky, 1977 ( *contubernalis* R McLachlan, 1865, *Tr Ent Soc London* (3) 5: 129-130, pl 13 f 12

Doubtfully a valid taxon according to L Botosaneanu, 1992, *Entomofauna* 13(14): 245-249

Reported from The Netherlands, as *Hydropsyche masovica*, by L Botosaneanu, *Entomologische Berichten (Amsterdam)* 65(1): 17-20

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Male described and illustrated as a morphotype of *Hydropsyche contubernalis* by H Malicky, 2008, *Braueria* 35: 41-42, figs on p 42)

*Hydropsyche (Hydropsyche) contubernalis turkomanica* L Botosaneanu, 2004 ( *contubernalis* R McLachlan, 1865, *Tr Ent Soc London* (3) 5: 129-130, pl 13 f 12

Doubtfully a valid taxon according to L Botosaneanu, 1992, *Entomofauna* 13(14): 245-249)

*Hydropsyche (Hydropsyche) cornuta* AV Martynov, 1909 (Georgia)

*Hydropsyche (Hydropsyche) cuanis* HH Ross, 1938 : NA (United States of America)

*Hydropsyche (Hydropsyche) cyrnotica* L Botosaneanu & J Giudicelli, 1981 (Male genitalia redescribed by H Malicky, 1999, *Linzer biol Beitr* 31(2): 807, f 45-46

Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica)

*Hydropsyche (Hydropsyche) davisii* W Mey, 1998 : OL (Male described originally, closely related to *Hydropsyche buenafei* W Mey and *Hydropsyche negrosensis* W Mey

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 85 Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Hydropsyche (Hydropsyche) debirasi* H Malicky, 1974 (Male redescribed from Greece (Naxos, Ikaria) by H Malicky, 2001, *Linzer Biologische Beitrage* 33(1): 493, 499, pl 1 Greece)

*Hydropsyche (Hydropsyche) decalda* HH Ross, 1947 : NA (United States of America)

*Hydropsyche (Hydropsyche) declinans* W Mey, 1990 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche faurai* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 77 Philippines)

*Hydropsyche (Hydropsyche) decora* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 113 Vietnam)

*Hydropsyche (Hydropsyche) delrio* HH Ross, 1941 : NA, NT (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)  
*Hydropsyche (Hydropsyche) demavenda* H Malicky, 1977 : PA (Reported from Iran by A Mirmoayed and H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from China (Xinjiang), also as *Hydropsyche integrata* W Mey, by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470 Iran)

Syn.: *Hydropsyche integrata* W Mey, 1981

*Hydropsyche (Hydropsyche) demora* HH Ross, 1941 : NA (United States of America)

*Hydropsyche (Hydropsyche) depravata* HA Hagen, 1861 : NA (Influence of initial colonization of development of stream invertebrate assemblages discussed by BJ Cardinale, CM Smith, & MA Palmer, 2001, Hydrobiologia 455: 19-27

Influence of net-spinning on substrate stability reported by BJ Cardinale, ER Gelmann, & MA Palmer, 2004, Functional Ecology 18(3): 381-387 United States of America)

*Hydropsyche (Hydropsyche) dicantha* HH Ross, 1938 : NA (Canada)

*Hydropsyche (Hydropsyche) dido* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche hamifera* Group originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche calawiti* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 78

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; Philippines: Palawan, Nantalingajan, Pinigisan, 600 m, 24-IX-1961, leg Noona Dan Expedition; deposited in the Zoological Museum, Copenhagen, Denmark Philippines (Palawan))

*Hydropsyche (Hydropsyche) didyma* W Mey, 1999 : OL (Male described originally in the *Hydropsyche pluvialis* Group

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 100 Holotype--Male; Indonesia: Lombok, Pusuk Pass, 3-4-i-1999, at light, S Naumann; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Lombok))

*Hydropsyche (Hydropsyche) dike* H Malicky & P Chantaramongkol, 2000 : OL (Male described originally in the *Hydropsyche annulata* Group near *Hydropsyche charon* H Malicky & P Chantaramongkol

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 125 Holotype--Male; India: Kerala, Kallar-Tal, 15 km SW Munnar, 1250 m, 10\*02'N, 76\*58'E, 1-9-V-1997, leg Dembicky & Pacholatko; deposited in the H Malicky collection, Lunz am See, Austria India)

*Hydropsyche (Hydropsyche) diktyinna* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche angustipennis* Group originally Holotype--Male; China: Qinghai, E vom Kuku-nor See, 3250 m, 14-15-VIII-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China)

*Hydropsyche (Hydropsyche) diktyis* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche charon* H Malicky & P Chantaramongkol originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 125 Holotype--Male; India: Arunchal Pradesh, Miao, 300 m, 1-15 Feb 1979, leg Ripley; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America India)  
*Hydropsyche (Hydropsyche) dilatata* K Tanida, 1986 (Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Belonging to the *Hydropsyche gifuana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 162

Microhabitat described by K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 297-307 (Japan)

*Hydropsyche (Hydropsyche) dinarica* M Marinkovic-Gospodnetic, 1979 (Male genitalia variation described by H Malicky, 1999, *Linzer biol Beitr* 31(2): 803-807, f 35

Degree of intolerance score (DIS) of 8.10 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, *Zootaxa* 2556: 51-68 "Croatia")

*Hydropsyche (Hydropsyche) discreta* B Tjeder, 1952 (Original description "1951," endemic to Cyprus according to H Malicky, 2001, *Linzer Biologische Beitrage* 33(1): 499-500 Cyprus)

*Hydropsyche (Hydropsyche) dispater* H Malicky & W Mey, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche fukienensis* F Schmid and *Hydropsyche simulata* ME Mosely and *Hydropsyche orbiculata* G Ulmer and *Hydropsyche compressa* Y Li & L Tian originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 133 Holotype--Male; Vietnam: Hoa Binh, Mai Chai, 4-15-IV-1995, leg V Sinjajev; deposited in the Zoological Museum, Berlin, Germany Vietnam)

*Hydropsyche (Hydropsyche) ditalon* (L Tian & Y Li, 1988) : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed in genus *Hydropsyche* from Burma (Myanmar) by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 802-803, pl 4

Reported from India, belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 113 China (Tibet))

*Mexipsyche ditalon* L Tian & Y Li, 1988

*Hydropsyche (Hydropsyche) djabai* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, *Entomofauna Zeitschr fur Entomol* 25(12): 188, f 70-76

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Iran)

*Hydropsyche (Hydropsyche) doctersi* G Ulmer, 1951 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed from Thailand and Malaysia (Pahang) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 821, pl 31

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from India and Laos, belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 91 Indonesia (Java)  
*Hydropsyche (Hydropsyche) doehleri* W Tobias, 1972 (Larva described by R De Pietro, 1999, Arch Hydrobiol Suppl-bd 121(2): 107

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)  
*Hydropsyche (Hydropsyche) dolichenus* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Reported from additional locality in Vietnam, belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 137 Holotype--Male; Vietnam: Hoa Binh, Mai Chai, 4-15-IV-1995, leg V Sinjajev; deposited in the Zoological Museum, Berlin, Germany Vietnam)  
*Hydropsyche (Hydropsyche) dolon* H Malicky & W Mey, 2000 (Male described in the *Hydropsyche pluvialis* Group near *Hydropsyche baubo* H Malicky & P Chantaramongkol and *Hydropsyche grahami* N Banks originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 101 Holotype--Male; China: Shaanxi, Taibashan, Tsiling Mt, 1900 m, 1-12-VIII-1999, leg Sinjajev; deposited in the Zoological Museum, Berlin, Germany China (Shaanxi))  
*Hydropsyche (Hydropsyche) dolosa* N Banks, 1939 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

*Hydropsyche formosana* Group described, distribution and phylogenetic relationships provided by W Mey, 1999, P Internatn Symp Trich 9: 227-236

Treated as a synonym of *Hydropsyche formosana* N Banks 1939 by W Mey, 1999, Proc Internatn Symp Trich 9: 228, 233

Male redescribed as distinct species from China (Zhejiang), Vietnam, and Thailand by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 822, pl 33

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Distributed in Thailand, China, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 92 Holotype; CHINA "(Zhejiang)" (J Olah & KA Johanson, 2008, Zootaxa 1802: 92) China (Fujian, Guangdong))

*Hydropsyche (Hydropsyche) effusa* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32)

Reported from another location in Vietnam, belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 101 Vietnam)

*Hydropsyche (Hydropsyche) ekaropa* J Olah & PW Schefter, 2008 : OL (Male described originally in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade, near *Hydropsyche diktya* H Malicky Holotype--Male; India: Manipur, Khangol, 16-vii-1960, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Ottawa, Canada India)

*Hydropsyche (Hydropsyche) eliphias* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally in the *Hydropsyche asiatica* Group Holotype--Male; THAILAND: Kanchanaburi Prov, Erawan National Park, 200 m, 14\*22'N, 099\*08'E, 22-24-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) elissoma* HH Ross, 1947 : NA (United States of America)

*Hydropsyche (Hydropsyche) elmali* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group near *Hydropsyche peristerica* L Botosaneanu & M Marinkovic, from Turkey (Antalya) Holotype--Male; TURKEY: Antalya, Elmali, Goembe, 1200-1600 m, 36\*31'N, 29\*49'E, 22-vi-1988, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) emarginata* L Navas, 1923 (Distribution in Macedonia, Greece (Chalkidiki), Bulgaria, Turkey according to H Malicky, 2001, Linzer Biologische Beitrage 33(1): 499 Macedonia)

Syn.: *Hydropsyche tjederi* L Botosaneanu & M Marinkovic-Gospodnetic, 1968

*Hydropsyche (Hydropsyche) erotos* (PW Schefter & JB Ward, 2002) : AU (Male and female described originally)

Male redescribed in the *Caledopsyche erotos* Group by J Olah, KA Johanson, & PC Barnard, 2006, Zootaxa 1356: 70-73, f 165-168

New records in New Caledonia, belonging in the *Caledopsyche erotos* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 169

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; New Caledonia: Carigou, 6534 75463, 120 m, at uv, 24 September 1997, NJ Mary (alcohol); deposited in the Canterbury Museum, Christchurch, New Zealand New Caledonia)

*Caledopsyche erotos* PW Schefter & JB Ward, 2002

*Hydropsyche (Hydropsyche) erythrophthalma* R McLachlan, 1875 (Listed from China (Xinjiang) as *Hydropsyche carbonaria* R McLachlan by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470 "Habitat prope Maracandam" Uzbekistan)

Syn.: *Hydropsyche carbonaria* R McLachlan, 1875

*Hydropsyche (Hydropsyche) esfahanica* W Mey, 2004 (Male described originally near *Hydropsyche instabilis* (J Curtis) Holotype--Male; Iran, Esfahan, Fereydun Shar, Sibak, Kuh-e-Sibak, 2550-2700 m, 17-18-vi-2002, leg A Kallies; deposited in the Museum of Natural History (Museum fuer Naturkunde), Berlin, Germany Iran)

*Hydropsyche (Hydropsyche) excelsa* W Mey, 1990 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche luzonica* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 89 Philippines)

*Hydropsyche (Hydropsyche) exocellata* L Dufour, 1841 (Riparian habitat requirements provided by S Engels, D Neumann, H Lobbel, & M Bruhne, 1996, Arch Hydrobiol Suppl-bd 113(1-4): 313-317)

Genetic homogeneity by B Guinand & H Tachet, 2000, C R Acad Sci Paris, Life Sci 323: 757-768

Population structure and genetic homogeneity in a zone of fragmented distribution reported by B Guinand & H Tachet, 2000, Comptes Rendus de l'Academie des Sciences Serie III Sciences de la Vie 323(9): 757-768

Reported from Hungary as *Hydroptila exocellata* by S Nogradi, 2001, Folia Historico Naturalia Musei Matraensis 25: 83-90

Reported from Uzbekistan by N Abdullaeyva, 2002, Uzbekskii Biologicheskii Zhurnal 3: 74-76

Reported from Poland by E Serafin, 2003, Polskie Pismo Entomologiczne 72(1): 75-79

Degree of intolerance score (DIS) of 2.59 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 France)

Syn.: *Hydropsyche ophthalmica* P Rambur, 1842

*Hydropsyche (Hydropsyche) fascelina* W Mey, 1998 : OL (

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 80  
Holotype--Male; PHILIPPINES: Mindanao (J Olah & KA Johanson, 2008, Zootaxa 1802: 80)  
Philippines (Mindanao))

*Hydropsyche (Hydropsyche) fasciolata* L Navas, 1926 : AT (Democratic Republic of the Congo)

*Hydropsyche (Hydropsyche) fattigi* HH Ross, 1941 : NA (United States of America)

*Hydropsyche (Hydropsyche) fenestra* PK Lago & SC Harris, 2006 : NA (Male described originally near *Hydropsyche frisoni* HH Ross Holotype--Male; UNITED STATES OF AMERICA: Alabama, Tuscaloosa County, Big Sandy Creek off Co Hwy 59, on Gulf States Power property, 6 km S Coaling, 16 August 1991, S Harris; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Hydropsyche (Hydropsyche) fezana* L Navas, 1932 (Morocco)

Syn.: *Hydropsyche ouedorum* L Botosaneanu, 1975

*Hydropsyche (Hydropsyche) flinti* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche dike* H Malicky & P Chantaramongkol originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 126 Holotype--Male; Sri Lanka, Kahawatta, 15 mi SE of Ratnapura, 150 m, 27-Feb-1962, Lund University Exp, leg Flint; deposited in the the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Hydropsyche (Hydropsyche) flintorum* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster near *Hydropsyche moselyi* DE Kimmins Holotype--Male; PAPUA NEW GUINEA: Morobe Province, Wau, Wau Ecol Inst, 1200 m, secondary montane forest, 25-31-vii-1983, SE & PM Miller; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Hydropsyche (Hydropsyche) flynni* K Korboot, 1964 : AU (Reported from New Guinea by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 796

Belonging in the *Hydropsyche buergersi* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 154 New Guinea)

Syn.: *Hydropsyche papuana* K Kumanski, 1979

*Hydropsyche (Hydropsyche) fontinalis* C Zamora-Munoz, MA Gonzalez, 2002 (Described originally

in the *Hydropsyche instabilis* Group

Very closely related to and possibly a synonym of *Hydropsyche spiritoi* GP Moretti, 1991, according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 560

Larva illustrated by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 54, f 2e

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797 Holotype--Male; Spain: Granada, Las Fuentes, Guardal River, 1080 m, UTM 30SWG288941, 8-IV-95, leg J Picazo-Munoz; deposited in the collection of MA Gonzalez, Departamento de Biología Animal, Universidad de Santiago de Compostela, Spain Spain)

*Hydropsyche (Hydropsyche) formosae* M Iwata, 1928 : OL (Taiwan)

*Hydropsyche (Hydropsyche) formosana* G Ulmer, 1911 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

*Hydropsyche formosana* Group described, distribution and phylogenetic relationships provided by W Mey, 1999, *P Internatn Symp Trich* 9: 227-236

Male redescribed as *Hydropsyche dolosa* N Banks (distinct species) from China (Zhejiang), Vietnam, and Thailand by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 822, pl 33

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32

Reported from additional localities in Taiwan, belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 92 Taiwan)

Syn.: *Hydropsyche dolosa* N Banks, 1939

Syn.: *Hydropsyche infundibularis* L Tian & Y Li, 1985

Syn.: *Hydropsyche kagiana* M Kobayashi, 1987

*Hydropsyche (Hydropsyche) franclemonti* OS Flint, 1992 : NA (United States of America)

*Hydropsyche (Hydropsyche) frisoni* HH Ross, 1938 : NA (Male redescribed by PK Lago & SC Harris, 2006, *Proceedings of the Entomological Society of Washington* 108(3): 561-563, f 2a-A through 2f-A, 2a-I through 2f-I United States of America)

*Hydropsyche (Hydropsyche) fryeri* G Ulmer, 1915 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed from Sri Lanka by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 822, pl 32

Recorded from China by L Tian, L Yang, & Y Li, 1996, *Econ Ins Fauna China* 49, *Trich* 1: ?, but an error, possibly *Hydropsyche orectis* W Mey or some other species, since this species is not in China according to H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 822

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 92 Sri Lanka)

*Hydropsyche (Hydropsyche) fukienensis* F Schmid, 1965 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed as *Hydropsyche* from China (Zhejiang) by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 811, pl 23

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 133-134 China (Fujian)

Syn.: *Ceratopsyche conoidea* Y Li & L Tian, 1990

*Hydropsyche (Hydropsyche) fulvipes* (J Curtis, 1834) (Stridulation behavior studied by GW Johnstone,



1964, Proc R Entomol Soc London 39(10-12): 146-150

Larva diagnosed by P Wiberg-Larsen, 1980, Entomol Meddr 47: 125-140, f 11, 17, 22, 27

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Philopotamus fulvipes* J Curtis, 1834

Syn.: *Hydropsyche atomaria* F Kolenati, 1858

*Hydropsyche (Hydropsyche) fumata* W Tobias, 1972 (Infestation by *Globulocephalus hydropsyches* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, Proc Internatn Symp Trich 10: 9-16

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France)

*Hydropsyche (Hydropsyche) furcula* L Tian & Y Li, 1985 : OL (Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 104 China (Fujian))

*Hydropsyche (Hydropsyche) gautamitra* F Schmid, 1961 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from Afghanistan, Pakistan, and Nepal by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 809, pl 22

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 134 Pakistan)

*Hydropsyche (Hydropsyche) gemecika* H Malicky, 1981 (Turkey)

*Hydropsyche (Hydropsyche) gemellata* W Mey, 1998 : OL (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche hamifera*

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 83 Holotype--Male; Indonesia: Sulawesi Selatan, Puncal Palopo, Tanah Toraja, 1300 m, 19-viii-1995, S Naumann; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) gerecke* GP Moretti, 1991 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807

Larvae described by R De Pietro, 1999, Arch Hydrobiol Suppl-bd 121(2): 108

Endemic to geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Hydropsyche (Hydropsyche) germanorum* W Mey, 1998 : OL (Male described originally in the *Hydropsyche newae* Group

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Variation of inferior appendages and comparison with *Hydropsyche bias* H Malicky & P Chantaramongkol and *Hydropsyche vialigni* W Mey provided by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 804, pl 13

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 134

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male;

Indonesia: Sumatra, Sumatra Utara, Medan, Tiga Dolok, 13-ii-1995, E Diehl; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Sumatra)

*Hydropsyche (Hydropsyche) gerostizai* W Mey, 1998 : OL (Male described originally, related to *Hydropsyche muelleri* W Mey)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche calawiti* Species Clade, holotype from Philippines "(Mindanao)" according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 78

Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited intially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros)

*Hydropsyche (Hydropsyche) gifuana* G Ulmer, 1907 (Belonging to the *Hydropsyche gifuana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 162

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

Syn.: *Hydropsyche drouardi* L Navas, 1933

*Hydropsyche (Hydropsyche) grahami* N Banks, 1940 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed from China (Sichuan, Zhejiang, Henan) in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 803, pl 7

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 104 China (Sichuan))

Syn.: *Hydropsyche hoenei* F Schmid, 1959

*Hydropsyche (Hydropsyche) guttata* FJ Pictet, 1834 (Switzerland)

Syn.: *Hydropsyche adspersula* F Kolenati, 1858

Syn.: *Hydropsyche atomaria* JF Stephens, 1836

Syn.: *Hydropsyche danubii* F Brauer, 1857

Syn.: *Hydropsyche laeta* , 1838

*Hydropsyche (Hydropsyche) gyantsana* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster near *Hydropsyche npalarava* J Olah & KA Johanson Holotype--Male; "TIBET" [CHINA: Xizang], Gyantse, 13000 ft, 23-vii-1928, FM Bailey; BM 1928-409; deposited in The Natural History Museum, London, United Kingdom China (Xizang))

*Hydropsyche (Hydropsyche) hackeri* W Mey, 1998 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 126 India)

Syn.: *Ceratopsyche excavata* F Gui & L Yang, 1999

*Hydropsyche (Hydropsyche) hadimensis* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Konya) Holotype--Male; TURKEY: Konya, Hadim, Korualan, Borini, 36\*57'N, 32\*24'E, 26-vi-2000, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) hageni* N Banks, 1905 : NA (United States of America)

*Hydropsyche (Hydropsyche) halconensis* W Mey, 2002 : OL (Male described originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male phallus illustrated by W Mey, 2003, *J Biogeography* 30: 229, f 4(3)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche faurai* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 77 Holotype--Male; Philippines: Mindoro, Mindoro orientale, Mt. Halcon, 1300 m, 15-17-1-1998, leg W Mey and V Samarita; deposited in the Museum fuer Naturkunde Berlin, Germany Philippines)

*Hydropsyche (Hydropsyche) hamifera* G Ulmer, 1905 : OL (

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp*

Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed by A Neboiss, 1996, Braueria 23: 7, f 11-13

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84 Holotype in Mus Zool Polonicum, Warsaw, according to A Neboiss, 1996, Braueria 23: 7 Indonesia (Sulawesi)

*Hydropsyche (Hydropsyche) harpagofalcata* W Mey, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 156 Vietnam)

*Hydropsyche (Hydropsyche) hedinii* KH Forsslund, 1935 : OL (China (Sichuan))

*Hydropsyche (Hydropsyche) hobbyi* ME Mosely, 1951 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 87 Malaysia (Sarawak))

*Hydropsyche (Hydropsyche) hoffmani* HH Ross, 1962 : NA (United States of America)

*Hydropsyche (Hydropsyche) homunculus* F Schmid, 1965 : OL (

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Larva described, male and female redescribed by JM Hur, JH Hwang, & YJ Bae, 1999, Entomol Research Bull 25: 13-15

BR> Synonym of *Ceratopsyche valvata* AV Martynov according to F Schmid, 1968, Reichenbachia 11: 9 and L Tian, L Yang, & Y Li, 1996, Econ Insect Fauna of China 49, p ?

In the *Hydropsyche annulata* Group, not a synonym of *Hydropsyche valvata* according to H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 812 China (Zhejiang))

*Hydropsyche (Hydropsyche) hreblayi* W Mey, 1998 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 106 Nepal)

*Hydropsyche (Hydropsyche) iberomaroccana* MA Gonzalez & H Malicky, 1999 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807, f 49-53

Larval variations discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 51 Spain)

*Hydropsyche (Hydropsyche) igunapali* J Olah & PW Schefter, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster near *Hydropsyche nepalarawa* J Olah & KA Johanson Holotype--Male; INDIA: Assam, Kameng, Nyukmadong, 22-iv-1961, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada India)

*Hydropsyche (Hydropsyche) imitatella* W Mey, 2002 : OL (Male originally described

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche luzonica* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 89 Holotype--Male; Philippines: Leyte, South Leyte, Libas, Bagong River, 120 m, 20-4-1997, leg W Mey and W Speidel; deposited in the Museum fuer Naturkunde Berlin, Germany Philippines)

*Hydropsyche (Hydropsyche) impula* DG Denning, 1948 : NA (United States of America)

*Hydropsyche (Hydropsyche) incognita* T Pitsch, 1993 (Male genitalia variations described by H Malicky, 1999, Linzer biol Beitr 31(2): 803-807, f 5-34;

Reported from Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, Acta Entomol Slovenica 8(1): 43-48;

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Larval variations in Iberian Peninsula discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 54

Reported from Poland by E Serafin & S Cios, 2005, Polskie Pismo Entomologiczne 74(1): 53-55

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogenetic relationships with local Hydropsyche fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 Germany)

*Hydropsyche (Hydropsyche) incommoda* HA Hagen, 1861 : NA (United States of America)

*Hydropsyche (Hydropsyche) infernalis* F Schmid, 1952 (Difficulty in diagnosing larva on Iberian Peninsula from that of *Hydropsyche siltalai* W Doehler discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 54, f 2d

Degree of intolerance score (DIS) of 5.97 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 Spain)

*Hydropsyche (Hydropsyche) initiana* W Mey, 1998 : OL (Male described originally in the *Hydropsyche hamifera* Group

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 72

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra Utara, Sipirok, 25-ii-1995, E Diehl; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) injusta* N Banks, 1938 : OL ( Male redescribed, reported from Vietnam, belonging to the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 1227-128, f 211-15 Malaysia (Peninsular))

*Hydropsyche (Hydropsyche) instabilis* (J Curtis, 1834) (Reported from Iran by P Chojka, 1995, Casopis Narodino Musea 164: 101-105

Development, bivoltine reproductive productivity discussed by N Alouf, 1999, P Internatn Symp Trich 9: 1-6

Taxonomic problems in the East Palearctic Region in the *Hydropsyche instabilis* Group discussed by L Botosaneanu, 2000, Opuscula Zool Fluminensia 181: 1-4

Male redescribed, reported from Greece (Festland, Samos, Euboa, Samothrace, Andros, Kefallinia, Thasos), widespread in Europe, Turkey, Iran by H Malicky, 2001, Linzer Biologische Beitrage 33(1): 491-492, 499, pl 1

Infestation by *Globulocephalus hydropsyches* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, Proc Internatn Symp Trich 10: 9-16

Female diagnosed by PJ Neu, 2002, Lauterbornia 43: 81-87

Reported from Iran, confirming work of P Chvojka, 1995, by A Mirmoayedi & H Malicky, 2002,

Zoology in the Middle East 26: 163-168

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 182-183, f 1-3

Variations of Iberian Peninsula larva indicate possible distinct species according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 54-56, f 2f

Degree of intolerance score (DIS) of 7.91 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Phylogenetic relationships with local Hydropsyche fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 Britain)

*Philopotamus instabilis* J Curtis, 1834

Syn.: *Hydropsyche atomaria variety obliquus* JF Stephens, 1836

Syn.: *Hydropsyche cinerea* FJ Pictet, 1834

Syn.: *Hydropsyche hibera* F Schmid, 1952

Syn.: *Hydropsyche lanceolata* R McLachlan, 1865

Syn.: *Hydropsyche pallida* E Pictet, 1865

Syn.: *Hydropsyche stictica* E Pictet, 1865

Syn.: *Hydropsyche tismanae* , 1968

Syn.: *Phryganea maculata* E Donovan, 1813

*Hydropsyche (Hydropsyche) instabilis nigra* AV Martynov, 1909 (described originally as *Hydropsyche "fulvipes Curt ?"*)

as *Hydropsyche instabilis* variety *nigra*, AV Martynov 1913, Arb zool Labor Warschau (1912) p 37-38

as subspecies, FCJ Fischer, 1963, Trich Cat 4: 51,

~*instabilis* (J Curtis, 1834, Phil Mag 4: 213), *Philopotamus*)

*Hydropsyche (Hydropsyche) iokaste* H Malicky, 1999 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Hydropsyche (Hydropsyche) irroratella* G Ulmer, 1951 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed by A Neboiss, 1996, Braueria 23: 8, f 14-17

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 92 Holotype originally in Stettin Museum, now in Zoological Museum, Warsaw, according to A Neboiss, 1996, Braueria 23: 8 Indonesia (Java))

*Hydropsyche (Hydropsyche) isolata* N Banks, 1931 : OL (Male redescribed in the *Hydropsyche hamifera* Group from Malaysia (Sabah) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 816, pl 27

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Philippines (Mindanao) and Malaysia (another location in Sabah), belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84 Malaysia (Sabah))

*Hydropsyche (Hydropsyche) jaechi* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche jordanensis* B Tjeder

Synonymized with *Hydropsyche jordanensis* B Tjeder, 1946, by L Botosaneanu, 2004, Trav Mus Nat Hist Nat "Grigore Antipa" 46: 165

A distinct species according to H Malicky, 2005, Linzer Biologische Beitrage 37(1): 559 Holotype--Male; ISRAEL: Meza Arevet, Jordan Israel)

*Hydropsyche (Hydropsyche) javanica* G Ulmer, 1905 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed, compared with *Hydromanicus irroratus*, by A Neboiss, 1996, Braueria 23: 8, f 18-19

Male genitalia re-illustrated by W Mey, 2003, J Biogeography 30: 229, f 3

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 72 holotype originally in Stettin Museum, now in Zoological Museum, Warsaw, according to A Neboiss, 1996, Braueria 23: 8 Indonesia (Java)

*Hydropsyche (Hydropsyche) jeanneli* ME Mosely, 1939 : AT (Kenya)

*Hydropsyche (Hydropsyche) jordanensis* B Tjeder, 1946 (Male variation in Israel (Tiberia, Nahal Arugat) and Syria (al-Gab) described by H Malicky, 2001, Linzer Biologische Beitrage 33(1): 501, pl 13, 14

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 184, f 14-20 Israel)

*Hydropsyche (Hydropsyche) kalliesi* W Mey, 1999 : OL (Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 92

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) kangra* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster near *Hydropsyche kaznakovi* AV Martynov Holotype--Male; INDIA: East Punjab, Kangra Dist, Kulu, 4000', 24-v-1952, at light 9-10 pm, EACLE Schelpe; BM 1953-171, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche (Hydropsyche) katugahakanda* F Schmid, 1958 : OL (

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 128 Sri Lanka)

*Hydropsyche (Hydropsyche) kazdagensis* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Balikesir) Holotype--Male; TURKEY: Balikesir, Edremit, Evciler, Kazdaglari, Ayazma, 39°42'N, 26°51'E, 6-viii-1994, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) kebab* H Malicky, 1974 (Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 191, f 107-111

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)

*Hydropsyche (Hydropsyche) keoda* J Olah & KA Johanson, 2008 : OL (Male described in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, near *Hydropsyche homunculus* F Schmid Holotype--Male; VIETNAM: Lamdong, Dalat, Monastery Balcomy, 17-x-1988, light, J Olah; in alcohol; deposited in the J Olah personal collection, Debrecen, Hungary Vietnam)

*Hydropsyche (Hydropsyche) kepez* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group near *Hydropsyche jordanensis* B Tjeder, from Turkey (Antalya) Holotype--Male; TURKEY: Antalya, Kepez, Kepezbasi, 280 m, 36°55'N, 30°40'E, 14-v-1982, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) keralana* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, near *Hydropsyche camillus* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Kerala, Road to Lamb's Rock, beyond Coonor, 6000 ft, 20-x-1921, TB Fletcher; Coll Brit Mus 1936-643, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche (Hydropsyche) khasigiri* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster near *Hydropsyche baubo* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Khasia Hills, McLachlan; BM 1938-674; deposited in The Natural History Museum, London, United Kingdom India)  
*Hydropsyche (Hydropsyche) kimminsi* (J Olah & KA Johanson, 2006) : AU (Male described originally in the *Caledopsyche kimminsi* Group near *Caledopsyche moumea* J Olah & KA Johanson

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 926 Holotype--Male; NEW CALEDONIA: Province Nord, river below waterfall, Mt Panie, 20°35.864'S, 164°49.80'E, 350 m, Malaise trap, 22-28-xi-2001, Johanson, Pape, Viklund; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Caledopsyche kimminsi* J Olah & KA Johanson, 2006

*Hydropsyche (Hydropsyche) kinzelbachi* H Malicky, 1980 (Discontinuous dimorphism in males recorded by F Sipahiler, 2001, *Braueria* 28:23

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Syria)  
*Hydropsyche (Hydropsyche) kiogupa* J Olah & PW Scheffter, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster near *Hydropsyche pallipenne* N Banks Holotype--Male; INDIA: Manipur, Ukhrul, 15-vii-1961, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Canada India)

*Hydropsyche (Hydropsyche) kirikhan* F Sipahiler, 1998 (Male redescribed by F Sipahiler, 2004, *Entomofauna Zeitschr fur Entomol* 25(12): 192 Turkey)

*Hydropsyche (Hydropsyche) klefbecki* B Tjeder, 1946 (Larva described by R De Pietro, 1999, *Arch hydrobiol Suppl-bd* 12(2): 111

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Hydropsyche (Hydropsyche) kleobis* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche peristerica* L Botosaneanu & M Marinkovic-Gospodnetic also from other Greek islands (South Euboa, Andros, Tinos, Skiros, Kea, Naxos, Ikaria) Holotype--Male; GREECE: Euboea, Ochi mountains, E Alexi, 22-v-1974; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Euboa))

*Hydropsyche (Hydropsyche) klimai* W Mey, 1999 : OL (Male described originally in the *Hydropsyche newae* Group

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 138

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; Indonesia: West Sumatra, 20 km southwest of Talu (ADP), 200 m ue. NN, 0.10°N/99.58°E, 9-14-ix-1991, light trap, B Graul & A Schintlmeister; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) kocaki* F Cakin, 1982 (XX?)

*Hydropsyche (Hydropsyche) kottos* H Malicky, 2004 : OL (Male described near *Ceratopsyche saranganica* originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 72 Holotype--Male; Indonesia: Jawa Timur, Coban Talun bei Tulungrejo, 1300 m, 7°48'S, 112°31'E, 30-iv-2003, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Java Timor))

*Hydropsyche (Hydropsyche) krassimiri* H Malicky, 2001 (Described originally in the *Hydropsyche instabilis* Group also from Greece (Samos, Chios) and Turkey)

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Holotype--Male; BULGARIA, Strandscha-Gebirge (Mountains), Kruschewez, 18-vi-1980; deposited in the H Malicky Collection, Lunz am See, Austria Bulgaria)

*Hydropsyche (Hydropsyche) kreuzbergorum* W Mey & R Jung, 1989 (Described originally as *Hydropsyche kreuzbergori*, an incorrect original spelling in the sense of ICZN Art 32(c)i, in contravention of ICZN Art 31(a)iii)

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade as "*Hydropsyche kreuzbergi* Mey & Yung" and on pages 84-85 according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 129 Russia (Uzbekistan)

*Hydropsyche (Hydropsyche) lagranja* L Botosaneanu, 1999 (Listed as a distinct species, but with the opinion that this species is a synonym of *Hydropsyche dinarica* M Marinkovic-Gospodnetic, 1979, by H Malicky, 2005, *Linzer biol Beitr* 37(1): 559 Spain)

*Hydropsyche (Hydropsyche) leander* (PW Scheffter & JB Ward, 2002) : AU (Male described originally

Male redescribed in the *Caledopsyche kimminsi* Group by J Olah, KA Johanson, & PC Barnard, 2006, *Zootaxa* 1356: 66-67, f 150-153

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 926 Holotype--Male; New Caledonia: stream on Mt Aoupinie, 22 km SW of bridge at Ponerihouen on Goa road, 485 m (N37), 17-21 October 1972, WL and JG Peters (alcohol); deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Caledopsyche leander* PW Scheffter & JB Ward, 2002

*Hydropsyche (Hydropsyche) leonardi* HH Ross, 1938 : NA (United States of America)

*Hydropsyche (Hydropsyche) lepnevae* L Botosaneanu, 1968 (Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, *Entomofauna Zeitschr fur Entomol* 25(12): 192

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Georgia)

*Hydropsyche (Hydropsyche) lobata* R McLachlan, 1884 (Male of *Hydropsyche inflata* type redescribed by L Botosaneanu, 1999, *Bull Soc entomol France* 104(2): 113, f 1-5

Male genitalia redescribed by H Malicky, 1999, *Linzer biol Beitr* 31(2): 807 Portugal)

*Hydropsyche (Hydropsyche) lobulata* AV Martynov, 1936 : OL (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, *Linzer Biol Beitr* 35(2): 906-907, f 2

Redescribed and reported from Nepal by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 796, pl 2

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 156 India)

Syn.: *Hydropsyche obscura* AV Martynov, 1935

*Hydropsyche (Hydropsyche) lomdom* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche formosana* Species Group near *Hydropsyche sangbung* J Olah & KA Johanson Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987; in alcohol; deposited in the J Olah Personal Collection Vietnam)

*Hydropsyche (Hydropsyche) longifurca* DE Kimmins, 1957 : AT (Widely distributed in South Africa according to FC de Moor, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 211-218 Mocambique)

*Hydropsyche (Hydropsyche) longindex* L Botosaneanu & Z Moubayed, 1985 (Lebanon)

*Hydropsyche (Hydropsyche) longipalpis* N Banks, 1920 : AT (Madagascar)

*Hydropsyche (Hydropsyche) lundaki* P Chvojka, 2006 (Male described originally in the *Hydropsyche instabilis* Group Holotype--Male; IRAN: Hamadan Province, springfed brook nr Alanje 15 km W Asadabad, 34\*45'N, 47\*58'E, 1680 m asl, 5-6-x-1998, P Chvojka leg; deposited in the Department of Entomology, National Museum, Praha, Czech Republic Iran)

*Hydropsyche (Hydropsyche) luzonica* W Mey, 1990 : OL (Belonging to subgenus or genus



Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche luzonica* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 89 (Philippines)

*Hydropsyche (Hydropsyche) machaon* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche pylades* H Malicky Holotype--Male; GREECE: Rhodes, Archipolis, 9-v-1975; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Rhodes))

*Hydropsyche (Hydropsyche) maderensis* HA Hagen, 1865 (Portugal (Madeira))

*Hydropsyche (Hydropsyche) mahrkusha* F Schmid, 1959 (Male redescribed in the *Hydropsyche instabilis* Group from Iran by H Malicky, 2001, Linzer Biologische Bietrage 33(1): 495, pl 9

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 186, f 47-54

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 (Iran)

*Hydropsyche (Hydropsyche) malassanka* F Schmid, 1958 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed in *Hydropsyche* from Sri Lanka by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 809, pl 14

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 139-140 (Sri Lanka)

*Hydropsyche (Hydropsyche) malickyi* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche javanica* Holotype--Male; Indonesia: Sumatra Utara, Medan, Tiga Dolok, 22-ii-1995, E Diehl; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) mangyanica* W Mey, 2002 : OL (Male described originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche luzonica* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 89 Holotype--Male; Philippines: Mindoro, Mindoro orientale, Mt Halcon, 1300 m, 15-17-1-1998, leg W Mey and V Samarita; deposited in the Museum fuer Naturkunde Berlin, Germany Philippines)

*Hydropsyche (Hydropsyche) maniemensis* G Marlier, 1961 : AT (Democratic Republic of the Congo)

*Hydropsyche (Hydropsyche) maroccana* L Navas, 1936 (Larva described by W Allaya, 2003, Braueria 30: 21, tab 1

Reported from Tunisia, distribution discussed by K Kumanski, 2007, Braueria 33: 17 (Morocco)

Syn.: *Hydropsyche flava* O Nybom, 1948

Syn.: *Hydropsyche timha* ME Mosely, 1938

*Hydropsyche (Hydropsyche) marqueti* L Navas, 1907 : NA (United States of America)

*Hydropsyche (Hydropsyche) martynovi* L Botosaneanu, 1968 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 (Russia (Caucasus))

*Hydropsyche (Hydropsyche) maura* L Navas, 1932 (Morocco)

*Hydropsyche (Hydropsyche) mauritiana* R McLachlan, 1871 : AT (Transferred from *Symphitopsyche* back to *Hydropsyche* by KMF Scott, 1983, Ann Cape Prov Mus natr Hist 14(8): 319; PW Scheffter, 2005, Aquatic Insects 27(2): 148; J Olah & KA Johanson, 2008, Zootaxa 1802: 56 (Mauritius)

Syn.: *Hydropsyche furcata* S Jacquemart, 1963

*Hydropsyche (Hydropsyche) mindanensis* W Mey, 1998 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 88 Holotype--Male; PHILIPPINES:

Mindanao (J Olah & KA Johanson, 2008, Zootaxa 1802: 80) Philippines (Mindanao))  
*Hydropsyche (Hydropsyche) mindorensis* W Mey, 1995 : OL (Belonging to subgenus or genus Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported in the *Hydropsyche hamifera* Group from Philippines (Sibuyan) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 816

Male phallus illustrated by W Mey, 2003, J Biogeography 30: 229, f 4(6)

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 88

Reported from The Philippines (Mindoro, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12, 15 Philippines)

*Hydropsyche (Hydropsyche) minutanga* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster near *Hydropsyche ditalon* N Banks Holotype--Male; INDIA: Mishmi Hills, Minutang, 3,900 ft, 20-ii-1935, M Szelle; BM 1935-312, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche (Hydropsyche) mississippiensis* OS Flint, 1972 : NA (United States of America)

*Hydropsyche (Hydropsyche) mizora* J Olah & PW Schefter, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade near *Hydropsyche assarakos* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Misoram, Lushai, Ratu, 11-ix-1960, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada India)

*Hydropsyche (Hydropsyche) modesta* L Navas, 1925 (Infestation by *Globulocephalus hydropsyches* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, Proc Internatn Symp Trich 10: 9-16

Recorded from Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, Acta Entomol Slovenica 8(1): 43-48

Reported from Luxembourg by PJ Neu, 2005, Lauterbornia 54: 79-90

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Turkey)  
Syn.: *Hydropsyche batavorum* L Botosaneanu, 1979  
Syn.: *Hydropsyche dissimulata* , 1974  
*Hydropsyche (Hydropsyche) modesta janstockiana* L Botosaneanu, 1979 (Described originally as a distinct species

A subspecies of *Hydropsyche modesta* L Navas, 1925, with transition to the nominotypical subspecies in the vicinity of Orontes according to H Malicky, 2005, Linzer biol Beitr 37(1): 559)

*Hydropsyche (Hydropsyche) mokaensis* S Jacquemart, 1960 : AT (Mauritius)

*Hydropsyche (Hydropsyche) morettii* R de Pietro, 1996 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807, f 59-64

Male redescribed from Italy (Umbria) by F Cianficconi, P Salerno, & B Todini, 2000, Rivista di Idrobiologia 39(1-3): 263-294

Pupal case discussed by E Gaino, F Cianficconi, M Rebora, and B Todini, 2002, Ital J Zool 69: 141-145

Infestation by *Globulocephalus hydropsyches* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, Proc Internatn Symp Trich 10: 9-16

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International

Symposium on Trichoptera 12: 76 Italy (Sicily))

*Hydropsyche (Hydropsyche) morla* H Malicky & A Lounaci, 1987 (larva described by W Allaya, 2003, Braueria 30: 21, tab 1 Tunisia)

*Hydropsyche (Hydropsyche) mostarensis* F Klapalek, 1898 (Bosnia)

*Hydropsyche (Hydropsyche) muelleri* W Mey, 1998 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche calawiti* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 78 Holotype--Male; PHILIPPINES: Mindanao (J Olah & KA Johanson, 2008, Zootaxa 1802: 78) Philippines (Mindanao))

*Hydropsyche (Hydropsyche) mutensis* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Mersin) Holotype--Male; TURKEY: Mersin, 10 km NE of Mut, Topluca Koeyue, 36\*41'N, 33\*30'E, 23-v-1993, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) nadire* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Konya) Holotype--Male; TURKEY: Konya, Ermenek, Nadire, Nadire Degirmeni, 36\*33'N, 32\*41'E, 700 m, 28-vi-2000, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) namea* J Olah & PC Barnard, 2008 : OL (Male described in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, near *Hydropsyche brontes* H Malicky & P Chantaramongkol Holotype--Male; MALAYSIA: West-Malaysia, Belum Expedition, 12i-1994, light trap 2, M Erle; in alcohol; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Hydropsyche (Hydropsyche) namwa* ME Mosely, 1939 : AT (Uganda)

*Hydropsyche (Hydropsyche) napaea* W Mey, 1996 : OL (Reported from Thailand by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 796

Reported from Vietnam, as *Hydropsyche napaea*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 156 Vietnam)

*Hydropsyche (Hydropsyche) narayana* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade near *Hydropsyche astyanax* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Orissa State, Chilika Lake, Narayana Valey, 21-ii-1987, singled, J Olah; in alcohol; deposited in the J Olah Personal Collection India)

*Hydropsyche (Hydropsyche) nasuta* G Ulmer, 1930 : OL (Belonging in the *Hydropsyche buergersi* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 154 Philippines)

*Hydropsyche (Hydropsyche) naumanni* W Mey, 1998 : OL (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche suppleta* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84 Holotype--Male; Sulawesi Tengah, Taripa, 700 m, 26-viii-1995, S Naumann; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) negrosensis* W Mey, 1998 : OL (Male described originally, related to *Hydropsyche davisii* W Mey and *Hydropsyche mindanensis* W Mey

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 88 Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited intially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Hydropsyche (Hydropsyche) nepalarawa* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster near *Hydropsyche igunapali* J Olah & PW Scheffer Holotype--Male; NEPAL: Terhathum District, Gorja Deorali, 2900 m, 27-iii-1996, collected at light, G Csorba; in alcohol; deposited in the J Olah Personal Collection Nepal)

*Hydropsyche (Hydropsyche) nevoides* H Malicky & P Chantaramongkol, 2000 : OL (Male described in the *Hydropsyche annulata* Group near *Hydropsyche newae* Kolenati originally

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp

Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 129 Holotype--Male; China (Zhejiang), Long Wang Shan, 600 m, 30°28'N, 119°22'E, 4-VI-1989, leg Kyselak; deposited in the H Malicky collection, Lunz am See, Austria China (Zhejiang)

*Hydropsyche (Hydropsyche) newae* F Kolenati, 1858 : PA (Although the original spelling of the species epithet was "newae," R McLachlan, 1878, Rev Syn, p 369, emended the spelling to "nevae" without explanation, which is the spelling used by many subsequent authors, including FCJ Fischer (1963, Trich Cat 4: 57); the original spelling is retained here since there is no internal evidence that this spelling is erroneous (International Code of Zoological Nomenclature, 1999, Articles 32.4 and 32.5, also H Malicky, 2005, Linzer biol Beitr 37(1): 559)

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, as *Ceratopsyche nevae*, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Male redescribed in *Hydropsyche*, *Ceratopsyche smetanini* AP Nimmo, 1995, may be a synonym according to H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 812, pl 24

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Southern Buryatia, Chita Region, Cherga, Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Reported from Russia (northern European part, Sakhalin, Far East), Finland, Sweden, Norway, Mongolia, Korea, and Japan by TI Arefina, N Minakava, & T Nozaki, 2004, Flora and Fauna of Sakhalin Island (Materials of International Sakhalin Project) Part I, Vladivostok, Dalnauka, p 210

Recorded from Russia (Khabarovsk Ter) and Korea, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 129

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (northwestern))

*Hydropsyche (Hydropsyche) newae fennica* R McLachlan, 1878 (As a variety of *Hydropsyche newae*;

~*newae* (F Kolenati, 1858, Wien ent Mschr 2: 278), *Hydropsyche*)

*Hydropsyche (Hydropsyche) noonadanae* (H Malicky, 2009) : AU (Male described originally near *Hydropsyche sabronensis* (DE Kimmins)

Reported from Papua New Guinea (Bismark Archipelago: New Britain) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype--Male; [PAPUA NEW GUINEA: Bismark Archipelago], New Britain, Yalom, 35 km SE of Cape Lambert, 1000 m, 9-v-1962, leg HG Robinson; deposited in the Zoological Museum Copenhagen, Denmark Papua New Guinea (Bismark Archipelago))

*Herbertorossia noonadanae* H Malicky, 2009

*Hydropsyche (Hydropsyche) noumea* (J Olah & KA Johanson, 2006) : AU (Male described originally in the *Caledopsyche kimminsi* Group near *Caledopsyche kimminsi* J Olah & KA Johanson

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by

CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; NEW CALEDONIA: Province Sud, stream crossing Noumea-Yate road immediately W of turnoff to Riviere Bleue Reserve, 22°10.191'S, 166°44.474'E, 162 m, 22-xi-04-xii-2003, Malaise trap, loc#040, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Caledopsyche noumea* J Olah & KA Johanson, 2006

*Hydropsyche (Hydropsyche) nuristanica* F Schmid, 1963 : OL (Reported from Afghanistan, Uzbekistan, Kirghizstan, Pakistan, Kashmir, and Nepal by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 822

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 94 Afghanistan)

Syn.: *Hydropsyche darvazica* VD Ivanov, 1991

*Hydropsyche (Hydropsyche) obscura* L Navas, 1928 (Algeria)

Syn.: *Hydropsyche atlanta* L Botosaneanu, 1975

*Hydropsyche (Hydropsyche) occidentalis* N Banks, 1900 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

Syn.: *Hydropsyche novamexicana* N Banks, 1904

*Hydropsyche (Hydropsyche) oholibama* H Malicky, 2009 : OL (Male described originally in the *Hydropsyche javanica* Group Holotype--Male; [INDONESIA:] Sulawesi, 15-25 km S Pendolo, Mayoa env, 7-10-iv-1999, leg Becvar & Zabransky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sulawesi))

*Hydropsyche (Hydropsyche) ophthalmica* OS Flint, 1965 : NA (United States of America)

*Hydropsyche (Hydropsyche) orbiculata* G Ulmer, 1911 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed in *Hydropsyche* from Taiwan by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 812, pl 25

Recorded from additional location in Taiwan, belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 140 Taiwan)

*Hydropsyche (Hydropsyche) orduensis* F Sipahiler, 1987 (Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 183, f 4-8 Turkey)

*Hydropsyche (Hydropsyche) orectis* W Mey, 1999 : OL (Reported from Nepal, Kashmir, and Burma by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 822

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 94 India)

*Hydropsyche (Hydropsyche) ornatula* R McLachlan, 1878 : PA (FJ Pictet cited *Phryganea atomaria* JF Gmelin, 1789 (Lugduni) and 1790 (Lipsiae), Linn Syst Nat ed 13: 2637 as the species to which he was referring

Reported from Uzbekistan by N Abdullaeyva, 2002, Uzbekskii Biologicheskii Zhurnal 3: 74-76

Reported doubtfully from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 Poland)

Syn.: *Hydropsyche atomaria* FJ Pictet, 1834

Syn.: *Hydropsyche subguttata* AV Martynov, 1927

*Hydropsyche (Hydropsyche) ornatula borealis* AV Martynov, 1926 (described originally as "natio" of *Hydropsyche ornatula*,

~ornatula R McLachlan, 1878, Rev Syn p 363-364, pl 39 f 1-3)

*Hydropsyche (Hydropsyche) ornatula nigrescens* AV Martynov, 1909 (

~ornatula R McLachlan, 1878, Rev Syn p 363-364, pl 39 f 1-3)

*Hydropsyche (Hydropsyche) orris* HH Ross, 1938 : NA (United States of America)

Syn.: *Hydropsyche cornuta* HH Ross, 1938

*Hydropsyche (Hydropsyche) palawanensis* W Mey, 1998 : OL (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche mindorensis* and *Hydropsyche cebuensis*

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 82

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Holotype-- Male; Philippines: Palawan, Puerto Princesa, Irawan River, 22-ii-1996, J Petersen; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Philippines (Palawan))

*Hydropsyche (Hydropsyche) pallipenne* N Banks, 1938 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from Malaysia (Pahang), Thailand, Nepal, India, and Pakistan in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 802, pl 9

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Distributed in Thailand, Malaysia, Nepal, India, and Pakistan according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Venation described, reported from India and Malaysia (Peninsular), belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 117 Malaysia (Peninsular))

*Hydropsyche (Hydropsyche) palpalis* L Navas, 1936 : AT (Madagascar)

*Hydropsyche (Hydropsyche) papuana* (K Kumanski, 1979) : AU (Transferred from *Diplectrona* to *Hydropsyche* by H Malicky, 2002, Linzer Biol Beitr 34(2): 1215 Papua New Guinea)

*Diplectrona papuana* K Kumanski, 1979

*Hydropsyche (Hydropsyche) patera* GA Schuster & DA Etnier, 1978 : NA (United States of America)

*Hydropsyche (Hydropsyche) pellucidula* (J Curtis, 1834) : PA (Stridulation behavior studied by GW Johnstone, 1964, Proc R Entomol Soc London 39(10-12): 146-150

Larva diagnosed by P Wiberg-Larsen, 1980, Entomol Meddr 47: 125-140, f 8-9, 16, 21, 28

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Swarming requirements in riparian habitat described by S Engels, D Neumann, H Lobbel, & M Bruhne, 1996, Arch Hydrobiol Suppl-bd 113(1-4): 313-317

Male genitalia in Iran redescribed by L Botosaneanu, 1998, Entomol Z 108(12): 498, f 3-4

Male genitalia variations for *Hydropsyche pellucidula* and for *Hydropsyche pellucidula* group species described by H Malicky, 1999, *Linzer biol Beitr* 31(2): 803-807, f 1-4

Pathological effects of chromium accumulation described by HA Leslie, tl Pavluk, A bij de Vaate, & MHS Kraak, 1999, *Arch Envir Contamin toxicol* 37(2): 182-189

Distribution, larval development, emergence, production described by R Poepperl, 2000, *Limnol* 30(1): 65-72

Toxicity and bioaccumulation of arsenic and chromium in larvae reported by V Canivet, P Chambon, & J Gibert, 2001, *Archives of Environmental Contamination and Toxicology* 40 (3) : 345-354

Forelegs described by G Spinelli and C Corallini, 2002, *Proc Internatn Symp Trich* 10: 29-36

Evaluation of gill abnormalities for organochlorine pollution by K-M Vuori & JVK Kukkonen, 2002, *Freshwater Biology* 47(7): 1297-1306

Infestation by *Globulocephalus hydrosyche* Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, *Proc Internatn Symp Trich* 10: 9-16

Reported doubtfully from Iran, questioning identifications of F Schmid, 1959, by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Not present on the Iberian Peninsula according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 54

Egg envelope (vitelline envelope and chorion) described by MC Bicchierai & E Gaino, 2005, *Proc Internatn Symp Trichoptera* 11: 55-62

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 31

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Midgut epithelial goblet cells absent, as *Hydropsyche pellucidula* (J Curtis), according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76

Positive polarotaxis from vertical dark glass buildings reported by G Kriska, P Malik, H Szivak, & G Horvath, 2008, *Naturwissenschaften* 95(5): 461-467

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported by MT Greenwood, 2008, *Braueria* 35: 21 Britain)

*Philopotamus pellucidula* J Curtis, 1834

Syn.: *Hydropsyche atomaria* P Rambur, 1842

Syn.: *Hydropsyche hibernica* J Curtis, 1836

Syn.: *Hydropsyche laeta* FJ Pictet, 1834

Syn.: *Hydropsyche maxima* F Brauer, 1857

Syn.: *Hydropsyche tenuicornis* FJ Pictet, 1834

Syn.: *Hydropsyche uentchensis* F Schmid, 1968

Syn.: *Hydropsyche variabilis* FJ Pictet, 1834

Syn.: *Hydropsyche versicolor* F Brauer, 1857

Syn.: *Philopotamus lanceolatus* J Curtis, 1834

*Hydropsyche (Hydropsyche) perelin* H Malicky, 1987 (Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Turkey)

*Hydropsyche (Hydropsyche) perfusca* W Mey, 1995 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male phallus illustrated by W Mey, 2003, J Biogeography 30: 229, f 4(1)

Reported from Vietnam, as *Ceratopsyche perfuscata*, and *Hydropsyche perfuscata*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31, 32

Reported from another location in Vietnam, belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade [subgenus *Occutanspsyche*?] according to J Olah & KA Johanson, 2008, Zootaxa 1802: 64 Vietnam)

*Hydropsyche (Hydropsyche) peristerica* L Botosaneanu & M Marinkovic-Gospodnetic, 1968 ( Male variations redescribed and distribution in Greece (Festland including Peloponnes and Thrace, north and middle Euboa, Kithira, Zakynthos, Lefkas, Kefallinia, Skiathos), Macedonia and probably Turkey discussed by H Malicky, 2001, Linzer Biologische Beitrage 33(1): 492-493, 499, pl 2-5

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 189, f 87-91

A collective name for a polymorphic population in Greece and surrounding areas according to H Malicky, 2005, Linzer biol Beitr 37(1): 560

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Bosnia)

Syn.: *Hydropsyche sinuata* L Botosaneanu & M Marinkovic-Gospodnetic, 1968

*Hydropsyche (Hydropsyche) perseus* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group Holotype--Male; GREECE: Korfu [Kerkyra], Kapsochilades, 12-vi-1977; deposited in the H Malicky Collection, Lunz am See, Austria Greece)

*Hydropsyche (Hydropsyche) phalerata* HA Hagen, 1861 : NA (Male redescribed by JA Korecki & DE Ruiter, 2009, Western North American Naturalist 69(3): 295-296, 298, f 5, 26-30 United States of America)

*Hydropsyche (Hydropsyche) phallaina* (PW Schefter & JB Ward, 2002) : AU (Male described originally, female may be *Caledopsyche* species W or *Caledopsyche* species Z described in same publication

Male redescribed in the *Caledopsyche kimminsi* Group by J Olah, KA Johanson, & PC Barnard, 2006, Zootaxa 1356: 68, 70, f 161-164

Transferred from *Caledopsyche* to *Hydropsyche* with synonymy of *Hydropsyche* (= *Caledopsyche*) by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 926 Holotype--Male; New Caledonia: mountain stream up Boulari River, 3 November 1958, CR Joyce (point>alcohol, wings on slide); deposited in the Bernice P Bishop Museum, Honolulu, Hawaii, United States of America New Caledonia)

*Caledopsyche phallaina* PW Schefter & JB Ward, 2002

*Hydropsyche (Hydropsyche) philo* HH Ross, 1941 : NA (United States of America)

*Hydropsyche (Hydropsyche) pictetorum* L Botosaneanu & F Schmid, 1973 (Spain)

*Hydropsyche (Hydropsyche) placoda* HH Ross, 1941 : NA (United States of America)

*Hydropsyche (Hydropsyche) plana* KH Forsslund, 1936 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Reported from China (Xinjiang, Altai Region) by W Wang, JH Zhang, & JY Zhu, 2006, Journal of Shihezi University (Natural Science) 24(5): 543-544, f 1a-d China (Xinjiang))

*Hydropsyche (Hydropsyche) plesia* L Navas, 1934 : AT (Kenya)

*Hydropsyche (Hydropsyche) pluvialis* L Navas, 1932 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster by J Olah & KA Johanson, 2008, Zootaxa 1802: 103 Vietnam)

*Hydropsyche (Hydropsyche) potomacensis* OS Flint, 1965 : NA (United States of America)



*Hydropsyche (Hydropsyche) poushyamittra* F Schmid, 1961 : OL (Pakistan)  
*Hydropsyche (Hydropsyche) propinqua* G Ulmer, 1907 : AT (Cameroon)  
*Hydropsyche (Hydropsyche) pulakita* J Olah & KA Johanson, 2010 : OL (Male described originally near *Hydropsyche saranganica* G Ulmer Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))  
*Hydropsyche (Hydropsyche) punica* H Malicky, 1981 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807, f 54-58; larva described by W Allaya, 2003, Braueria 30: 22, tab 1

Reported from Tunisia, distribution in Algeria and Spain discussed by K Kumanski, 2007, Braueria 33: 17 Tunisia)

*Hydropsyche (Hydropsyche) pygmalion* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche kleobis* H Malicky Holotype--Male; GREECE: [Cyclades Islands] Seriphos, Livadi area, 13-v-1990; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Cyclades Islands))

*Hydropsyche (Hydropsyche) pylades* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group Holotype--Male; GREECE: Rhodes, Profilia, 6-v-1975; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Cyclades Islands))

*Hydropsyche (Hydropsyche) quadrata* (Y Li & D Dudgeon, 1990) : OL (Redescribed and transferred from *Herbertorossia* to *Hydropsyche* and reported from Hong Kong by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 797, pl 3

Belonging in the *Hydropsyche asiatica* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 156 China (Hunan))

*Herbertorossia quadrata* Y Li & D Dudgeon, 1990

*Hydropsyche (Hydropsyche) quitcupaha* JA Korecki & DE Ruiter, 2009 : NA (Male described originally in the *Hydropsyche scalaris* Group Holotype--Male; UNITED STATES OF AMERICA: Utah, Sevier County, Quitcupah Creek, Convulsion Canyon, SW of Emery, 14-vii-1999, G Brown; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Hydropsyche (Hydropsyche) rakshakaha* J Olah, 1994 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed in *Hydropsyche*, near *Hydropsyche cerva*, from India, also Pakistan, Kashmir, and Nepal, by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 806, pl 15

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497

Reported from India, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 130 Pakistan)

*Hydropsyche (Hydropsyche) renschi* W Mey, 1999 : OL (Reported from Indonesia (Bali) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 822

Belonging to the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 95 Indonesia (Lombok))

*Hydropsyche (Hydropsyche) resmineda* H Malicky, 1977 (larva described by W Allaya, 2003, Braueria 30: 21, tab 1 Morocco)

*Hydropsyche (Hydropsyche) ressli* H Malicky, 1974 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Iran)

*Hydropsyche (Hydropsyche) rhadamanthys* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche sarpedon* H Malicky Holotype--Male; GREECE (Crete): Spili, 25-iv-1971; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Crete))

*Hydropsyche (Hydropsyche) rhomboana* AV Martynov, 1909 : OL (Belonging to subgenus or genus Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from China (Gansu) and Nepal by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 803, pl 5

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 111-112 China ("Kham," Tibet)

*Hydropsyche (Hydropsyche) rizali* N Banks, 1937 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche faurai* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 77 Philippines (Mindanao))

*Hydropsyche (Hydropsyche) rossi* OS Flint, JR Voshell, & CR Parker, 1979 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Hydropsyche (Hydropsyche) rotosa* HH Ross, 1947 : NA (United States of America)

*Hydropsyche (Hydropsyche) sagittata* AV Martynov, 1936 : OL (Male redescribed, belongs in the *Hydropsyche formosana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 95, f 141-145 India)

Syn.: *Hydropsyche tenuicornis* AV Martynov, 1935

*Hydropsyche (Hydropsyche) saimbeyli* F Sipahiler, 2004 (Male described originally in the *Hydropsyche instabilis* Group Holotype--Male; Turkey: Adana, Saimbeyli, direction to Feke, Pagnik Koyu (Kizilagac Koyu), (37\*56'N, 36\*07'E), 4-7-1990, leg Sipahiler; deposited in the collection of F Sipahiler, Hacettepe Universitesi, Beytepe, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) sakarawaka* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

Syn.: *Hydropsyche remmerii* S Jacquemart, 1965

*Hydropsyche (Hydropsyche) salihli* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Salihli) Holotype--Male; TURKEY: Salihli, direction Birgi, 5 km south of Salihli, Bozdaglar, 38\*27'N, 28\*07'E, 29-v-1988, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) salki* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche sirimauna* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 82 Holotype--Male; Indonesia: Seram, Piljana, 25-ii-1994, P Salk; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Seram))

*Hydropsyche (Hydropsyche) sangbung* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche formosana* Species Group near *Hydropsyche lomdom* J Olah & KA Johanson Holotype--Male; VIETNAM: Ngha Bihn Province, Bung stream, 10-i-1991, light, S Andrikovics; in alcohol; deposited in the J Olah Personal Collection Vietnam)

*Hydropsyche (Hydropsyche) sappho* H Malicky, 1976 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Greece (Lesbos Island))

*Hydropsyche (Hydropsyche) saranganica* G Ulmer, 1951 : OL (Belonging to subgenus or genus Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed by A Neboiss, 1996, Braueria 23: 8, f 21

Male redescribed from Java, Sumatra, Bali, and Nicobar by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 819-820, pl 29

Reported from Solomon Islands, Nicobar Islands, and Indonesia (Java, Sumatra), belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche javanica* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 76

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Holotype originally in Ulmer collection, now in Zoological Museum, Hamburg University, according to A Neboiss, 1996, *Braueria* 23: 8 Indonesia (Java))

Syn.: *Hydropsyche malickyi* W Mey, 1998

*Hydropsyche (Hydropsyche) sarpedon* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche rhadamanthys* H Malicky Holotype--Male; GREECE (Crete): Kakopetros, 20-v-1977; deposited in the H Malicky Collection, Lunz am See, Austria Greece (Crete))

*Hydropsyche (Hydropsyche) sattleri* W Tobias, 1972 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Hydropsyche (Hydropsyche) saxonica* R McLachlan, 1884 (Larva diagnosed by P Wiberg-Larsen, 1980, *Entomol Meddr* 47: 125-140, f 12, 18, 23, 29

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Germany)

Syn.: *Hydropsyche bujori*, 1960

Syn.: *Hydropsyche dentata* K Kumanski, 1974

*Hydropsyche (Hydropsyche) saxonica tenebricosa* P Lackschewitz, 1929 (, as variety of *Hydropsyche saxonica*;

~*saxonica* R McLachlan, 1884, Rev Syn Add Suppl p 43-44)

*Hydropsyche (Hydropsyche) scalaris* HA Hagen, 1861 : NA (United States of America)

*Hydropsyche (Hydropsyche) schintlmeisteri* W Mey, 1990 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 88 Philippines)

*Hydropsyche (Hydropsyche) sciligra* H Malicky, 1977 (Morphological variation in Iran reported by L Botosaneanu, 1998, *Entomologische Zeitschrift* 108(12): 496-500

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Iran)

Syn.: *Hydropsyche gracilis* AV Martynov, 1909

*Hydropsyche (Hydropsyche) secundaria* W Mey, 1998 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 88 Holotype--Male; PHILIPPINES: Mindanao (J Olah & KA Johanson, 2008, *Zootaxa* 1802: 80) Philippines (Mindanao))

*Hydropsyche (Hydropsyche) selysi* G Ulmer, 1907 (Belonging to the *Hydropsyche gifuana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 162-163

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168 Japan)

Syn.: *Hydropsyche ciliosa* L Navas, 1933

*Hydropsyche (Hydropsyche) seramensis* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche ambonensis* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 84 Holotype--Male; Indonesia: Seram, Piljana, Tule, 26-ii-1995, P Salk; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Seram))

*Hydropsyche (Hydropsyche) shillonga* J Olah & PC Barnard, 2008 : OL (Male described in the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, near *Hydropsyche briseus* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Assam, Shillong, ix-x-1918, TB Fletcher coll; Brit Mus 1936-643, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche (Hydropsyche) sikkimensis* W Mey, 1996 : OL (Belonging to subgenus or genus Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from Nepal in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 803, pl 10

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 117 India)

*Hydropsyche (Hydropsyche) siltalai* W Doehler, 1963 (Larva diagnosed by P Wiberg-Larsen, 1980, Entomol Meddr 47: 125-140, f 14, 31

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Net building activity, larval density, physical factors by B Statzner & G Bretschko, 1998, Arch Hydrobiol 144(1): 87-102

Effect of fenvalerate on net spinning behavior described by L Wendt-Rasch, LB-M Vought, & P Woin, 1998, Hydrobiologia 382: 53-61

Reported from Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, Acta Entomol Slovenica 8(1): 43-48

Evaluation of gill abnormalities for cadmium pollution by K-M Vuori & JVK Kukkonen, 2002, Freshwater Biology 47(7): 1297-1306

Predatory behavior discussed by AI Eriksson, 2002, Archiv fuer Hydrobiologie 153(2): 231-244

Female diagnosed by PJ Neu, 2002, Lauterbornia 43: 81-87

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Life-cycle, life-history, development, and ontogenetic changes in habitat preference and ecological niche discussed by D Hanquet, M Legalle, S Garbage, R Cereghino, 2004, Archiv fuer Hydrobiologie 160(3): 329-346

Larval variation, doubtful records on Iberian Peninsula discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 56

Degree of intolerance score (DIS) of 7.45 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Phylogenetic relationships with local *Hydropsyche* fauna provided by B Statzner, CJ Douady, L Konecny, & S Doledec, 2010, Zootaxa 2556: 51-68 United Kingdom)

*Hydropsyche (Hydropsyche) simulans* HH Ross, 1938 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW

Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)  
*Hydropsyche (Hydropsyche) simulata* ME Mosely, 1942 : OL (Belonging to subgenus or genus  
Ceratopsyche by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster,  
1984, P Internatn Symp Trich 4: 340

Male redescribed near *Hydropsyche orbiculata* Ulmer from China (Henan, Zhejiang) by H Malicky &  
P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 812, pl 25

Reported from Korea and Vietnam, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche*  
*simulata* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 142 China (Fujian))  
Syn.: *Hydropsyche chekiangana* F Schmid, 1965  
*Hydropsyche (Hydropsyche) sinopensis* F Sipahiler, 2004 (Male described originally, in the  
*Hydropsyche instabilis* Group, from Turkey (Sinop)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Holotype--Male; TURKEY:  
Sinop, 10 km south of Ayancik, Ayancik deresi, 41°52'N, 34°33'E, 3-vi-2002, leg and coll Sipahiler;  
deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)  
*Hydropsyche (Hydropsyche) sirimauna* W Mey, 1998 : AU (Male described originally in the  
*Hydropsyche hamifera* Group near *Hydropsyche salki* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade,  
*Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 82  
Holotype--Male; Indonesia: Ambon, Gunung Sirimau, 500 m, 23-vii-1995, S Naumann; deposited in  
the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Ambon))  
*Hydropsyche (Hydropsyche) smiljae* M Marinkovic-Gospodnetic, 1979 (Bosnia)  
Syn.: *Hydropsyche fischeri* L Botosaneanu, 1980  
*Hydropsyche (Hydropsyche) speciophila* W Mey, 1981 (Uzbekistan)  
*Hydropsyche (Hydropsyche) spiritoi* GP Moretti, 1991 (Infestation by *Globulocephalus hydropsyches*  
Baudois (Sporozoa, Gregarinida) described by C Corallini and MC Bicchierai, 2002, Proc Internatn  
Symp Trich 10: 9-16

Larvae described by R De Pietro, 1999, Arch Hydrobiol Suppl-bd 121(2): 111

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F  
Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)  
*Hydropsyche (Hydropsyche) staphylostirpis* W Mey, 1998 : OL (Male described originally in the  
*Hydropsyche newae* Group

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah  
& KA Johanson, 2008, Zootaxa 1802: 134 Holotype--Male; Indonesia: Lombok, Narmada, 17-iii-1927,  
Dr B Rensch; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany  
Indonesia (Lombok))  
*Hydropsyche (Hydropsyche) striolata* L Navas, 1934 : AT (Cameroon)  
*Hydropsyche (Hydropsyche) subalpina* L Botosaneanu & J Giucelli, 2004 (Male distinguished from  
*Hydropsyche acinoxas* H Malicky by H Malicky, 2005, Linzer biol Beitr 37(1): 535

Reported from Italy (Piemonte) by H Malicky, 2005("2004"), Gortania 26: 250

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007,  
Proceedings of the International Symposium on Trichoptera 12: 18-22 France)  
*Hydropsyche (Hydropsyche) sulana* W Mey, 1998 : OL (Male described originally in the *Hydropsyche*  
*hamifera* Group near *Hydropsyche bacanensis* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade,  
*Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84  
Holotype--Male; Indonesia: Moluccas, Sula Islands, Sanana, 1 km W Waibau, 250 m, 3-viii-1995, S  
Naumann; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany  
Indonesia (Sula))  
*Hydropsyche (Hydropsyche) sultanensis* F Sipahiler, 2007 (Male described originally in the  
*Hydropsyche instabilis* Group Holotype--Male; TURKEY: Konya, Aksehir direction to Gelendost,

Sultan Mountains, 1650 m, 38\*19'N, 31\*20'E, 19-v-2005, leg Sipahiler; deposited in the F Sipahiler Collection Hacettepe Ueniversitesi, Beytepe, Ankara, Turkey Turkey)  
*Hydropsyche (Hydropsyche) supersonica* H Malicky, 1981 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Iran)  
*Hydropsyche (Hydropsyche) suppleta* W Mey, 1998 : AU (Male described originally in the *Hydropsyche hamifera* Group near *Hydropsyche naumanni* W Mey, 1998

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84  
Holotype--Male; Indonesia: Ambon, Katalai, 470 m, 26-vii-1995, S Naumann; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Indonesia (Ambon))  
*Hydropsyche (Hydropsyche) tabacarui* L Botosaneanu, 1960 (Larva described, female redescribed by K Kumanski, J Waringer, & W Graf, 2004, Aquatic Insects 26(3/4): 289-295

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Roumania)  
*Hydropsyche (Hydropsyche) tabulifera* F Schmid, 1963 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed from Afghanistan, Uzbekistan, Kashmir, India, Nepal by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 803-804, pl 11

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Nepal, belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 112 Afghanistan)  
*Hydropsyche (Hydropsyche) taiwanensis* W Mey, 1998 : OL (Male described originally in the *Hydropsyche newae* Group Holotype--Male; Taiwan: Fushan Ilan, 25-xi-1995, HJ Wu; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Taiwan)  
*Hydropsyche (Hydropsyche) talautensis* W Mey, 1999 : OL (Male described originally in the *Hydropsyche hamifera* Group

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche hamifera* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 84  
Holotype--Male; Indonesia: Talaud [Island], Karakelong, Gunung Piapi, Pulutan, 520 m ue NN, 17-iii-1997, light trap, S Naumann; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Talaud))

*Hydropsyche (Hydropsyche) tapena* DE Kimmins, 1957 : AU (Belonging in the *Hydropsyche buergersi* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 154 Solomon Islands (Guadalcanal))

*Hydropsyche (Hydropsyche) tenuis* L Navas, 1932 (Phylogeography and population structure reported by S Lehrian, SU Pauls, & P Haase, 2007, Entomologica Romanica 12: 77-82 Italy)

*Hydropsyche (Hydropsyche) teruela* H Malicky, 1980 (Spain)

*Hydropsyche (Hydropsyche) theman* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally in the *Hydropsyche pluvialis* Group Holotype--Male; THAILAND: Kanchanaburi, Erawan National Park, 200 m, 14\*22'N, 099\*08'E, 22-23-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydropsyche (Hydropsyche) theodoriana* L Botosaneanu, 1974 (Israel)

*Hydropsyche (Hydropsyche) tibetana* F Schmid, 1965 : OL (Belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 112 China (Tibet))

*Hydropsyche (Hydropsyche) tibilais* R McLachlan, 1884 (Portugal)

Syn.: *Caldra nigra* L Navas, 1924

*Hydropsyche (Hydropsyche) tigrata* H Malicky, 1974 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Turkey)  
*Hydropsyche (Hydropsyche) trimonticola* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Male redescribed, from Vietnam, belonging in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 118, f 193-197 Vietnam)

*Hydropsyche (Hydropsyche) tritiyaha* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pallipenne* Species Cluster, near *Hydropsyche trimonticola* W Mey Holotype--Male; INDIA: Chera Punji Khasias 189 Nat [Doncaster]; McLachlan Coll BM 1938-674, in alcohol; deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche (Hydropsyche) ulmeri* KH Barnard, 1934 : AT (Republic of South Africa)

*Hydropsyche (Hydropsyche) ulmeri* (AV Martynov, 1935) : OL (Original illustration re-published, transferred from *Dipletrona* and *Ceratopsyche* to *Hydropsyche* near *Hydropsyche dike* H Malicky & P Chantaramongkol and *Hydropsyche flinti* H Malicky & P Chantaramongkol by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 811, pl 22, making *Hydropsyche ulmeri* (AV Martynov) a junior homonym of *Hydropsyche ulmeri* KH Barnard, 1934 Holotype--Male; India: Chita Nagpur, according to H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 811 India)

*Dipletrona ulmeri* AV Martynov, 1935

*Hydropsyche (Hydropsyche) unitaria* W Mey, 1990 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Reported in the *Hydropsyche hamifera* Group from Philippines (Sibuyan) by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 816

Photograph of male provided by W Mey, 2003, J Biogeography 30: 228, f 2

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 88

Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Philippines (Luzon))

*Hydropsyche (Hydropsyche) urgorrii* MA Gonzalez & H Malicky, 1980 (Male genitalia redescribed by H Malicky, 1999, Linzer biol Beitr 31(2): 807, f 47

Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Spixiana 24(2): 141-146, f 1-13 Spain)

*Hydropsyche (Hydropsyche) uvana* W Mey, 1995 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Male redescribed by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 813, pl 23

Reported from Vietnam, as *Ceratopsyche uvana* and *Hydropsyche uvana*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31, 32

Variations described, reported from Laos and India, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 143-144 Vietnam)

*Hydropsyche (Hydropsyche) valanis* HH Ross, 1938 : NA (United States of America)

*Hydropsyche (Hydropsyche) valkanovi* K Kumanski, 1974 (Distribution in Greece (Euros), Bulgaria, Turkish Festland, Goekceada Island (= Imbros) according to H Malicky, 2001, Linzer Biologische Beitrage 33(1): 499

Male redescribed and distribution in Turkey provided by F Sipahiler, 2004, Entomofauna Zeitschr fur Entomol 25(12): 188, f 65-69

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Bulgaria)  
*Hydropsyche (Hydropsyche) vasuomittra* F Schmid, 1961 : OL (Reported from Afghanistan in  
Hydropsyche vasuomittra Group by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2):  
818

Belonging in the *Hydropsyche vasuomittra* Species Group (as "vasoumittra") according to J Olah &  
KA Johanson, Zootaxa 1802: 61 Pakistan)

*Hydropsyche (Hydropsyche) venularis* N Banks, 1914 : NA (United States of America)

*Hydropsyche (Hydropsyche) vespertina* OS Flint, 1967 : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R  
Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Michoacan))

*Hydropsyche (Hydropsyche) vialigni* W Mey, 1998 : OL (Male described originally in the  
*Hydropsyche newae* Group

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp  
Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Variation of inferior appendages and comparison with *Hydropsyche bias* H Malicky & P  
Chantaramongkol and *Hydropsyche germanorum* W Mey provided by H Malicky & P  
Chantaramongkol, 2000, Linzer biol Beitr 32(2): 804, pl 13

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah  
& KA Johanson, 2008, Zootaxa 1802: 134

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on  
Trichoptera 12: 175-179 Holotype--Male; Indonesia: Sumatra Utara, Medan, Tiga Dolok (Holzweg 2),  
22-ii-1995, E Diehl; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin,  
Germany Indonesia (Sumatra))

*Hydropsyche (Hydropsyche) vietnamensis* W Mey, 1995 : OL (Belonging to subgenus or genus  
*Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster,  
1984, P Internatn Symp Trich 4: 340

Reported from Vietnam, as *Ceratopsyche vietnamensis* and *Hydropsyche vietnamensis*, by BJ  
Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on  
Trichoptera 11: 31, 32

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to  
J Olah & KA Johanson, 2008, Zootaxa 1802: 131 Vietnam)

*Hydropsyche (Hydropsyche) villica* W Mey, 1990 : OL (

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp  
Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade,  
*Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 82  
Philippines)

*Hydropsyche (Hydropsyche) volitans* L Navas, 1924 (Spain)

*Hydropsyche (Hydropsyche) vulpina* L Navas, 1934 (Libya)

*Hydropsyche (Hydropsyche) wadimusae* H Malicky, 2001 (Male described originally in the  
*Hydropsyche instabilis* Group near *Hydropsyche jordanensis* B Tjeder Holotype--Male; JORDAN:  
Ma'an, Petra, Wadi Musa, 17-iii-1977, leg. Schmidt & Krupp; deposited in the H Malicky Collection,  
Lunz am See, Austria Jordan)

*Hydropsyche (Hydropsyche) waltoni* AV Martynov, 1930 : OL (Belonging in the *Hydropsyche*  
*pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster according to J Olah & KA Johanson,  
2008, Zootaxa 1802: 103 China (Tibet))

*Hydropsyche (Hydropsyche) wamba* ME Mosely, 1939 : AT (Uganda)

*Hydropsyche (Hydropsyche) winema* DG Denning, 1965 : NA (United States of America)

*Hydropsyche (Hydropsyche) wittei* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Hydropsyche (Hydropsyche) xenga* J Olah & KA Johanson, 2008 : OL (Male described in the  
*Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, near *Hydropsyche*



serpentina F Schmid Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 14-15-v-1987, light, J Olah; in alcohol; deposited in the J Olah personal collection, Debrcen, Hungary Vietnam)

*Hydropsyche (Hydropsyche) yahfufah* H Malicky, 2001 (Male described originally in the *Hydropsyche instabilis* Group near *Hydropsyche jordanensis* B Tjeder Holotype--Male; LEBANON, Yahfufah, 24-ix-1981, leg Alouf; deposited in the H Malicky Collection, Lunz am See, Austria Lebanon)

*Hydropsyche (Hydropsyche) yathetima* J Olah & PW Schefter, 2008 : OL (Male described originally in the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade, near *Hydropsyche columnata* AV Martynov Holotype--Male; INDIA: Assam, Kameng, Rupa, 26-viii-1961, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada India)

*Hydropsyche (Hydropsyche) yenisar* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group, from Turkey (Isparta) Holotype--Male; TURKEY: Isparta, Beysehir, Yenisarbademli, 37\*41'N, 31\*21'E, 1-vi-1993, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

*Hydropsyche (Hydropsyche) yukaritepe* F Sipahiler, 2004 (Male described originally, in the *Hydropsyche instabilis* Group near *Hydropsyche mahrkusha* F Schmid, from Turkey (Ordu) Holotype--Male; TURKEY: Ordu, Yukaritepe Koeyue, 40\*57'N, 37\*50'E, 21-27-viii-1982, leg and coll Sipahiler; deposited in the F Sipahiler collection, Hacettepe University, Ankara, Turkey Turkey)

**subgenus *Occutanspsyche* Y Li & L Tian, 1989**

*Hydropsyche (Occutanspsyche) gekilara* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade [subgenus *Occutanspsyche*?], near *Hydropsyche soinha* J Olah & KA Johanson Holotype--Male; MALAYSIA [Peninsular]: North Perak, Belum Expedition, i-1994, Rothamsted light trap, M Erle; in alcohol; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Hydropsyche (Occutanspsyche) polyacantha* Y Li & L Tian, 1989 : OL (Belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 65 China (Guangdong))

*Hydropsyche (Occutanspsyche) soinha* J Olah & KA Johanson, 2008 : OL (Male described originally also from Malaysia (Peninsular) in the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade near *Hydropsyche gekilara* J Olah & PC Barnard Holotype--Male; VIETNAM: Lamdong, Dalat, Monastery balcony, 18-x-1988, light, J Olah; in alcohol; deposited in the J Olah Personal Collection Vietnam)

*Hydropsyche (Occutanspsyche) tanua* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade near *Hydropsyche tanung* J Olah & KA Johanson Holotype--Male; MALAYSIA [Peninsular]: North Perak, Belum Expedition, 14-vi-1994, Rothamsted light trap 2, B Hellmund; in alcohol; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Hydropsyche (Occutanspsyche) tanung* J Olah & KA Johanson : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche polyacantha* Species Clade near *Hydropsyche tanua* J Olah & PC Barnard Holotype--Male; VIETNAM: Dalat, Tanung Valley, 13-ii-2006, J Olah, Jr; in alcohol; deposited in the J Olah Personal Collection Vietnam)

*Hydropsyche abella* DG Denning, 1952 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68)

Probably a synonym of *Ceratopsyche ambilis* according to OS Flint, personal communication

Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche aenigma* PW Schefter, GB Wiggins, & JD Unzicker, 1986 : NA (Male and female described originally in subgenus *Ceratopsyche* near *Hydropsyche centra* HH Ross Holotype--Male; UNITED STATES OF AMERICA: New York, Delaware Co, Beaverkill R near Horton, exit 92 from Rte 17, riffle below "Chilloway Pool" near gasoline station and Country Store, collected at larva September 1984, PW Schefter, RN Vineyard; reared, emerged 14 February - 6 March 1985; deposited in Royal Ontario Museum, Toronto, Ontario, Canada United States of America)

*Hydropsyche albicephala* K Tanida, 1986 (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril*

Transferred from *Ceratopsyche* back to *Hydropsyche*, in the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 131

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 (Japan)

*Hydropsyche alhedra* HH Ross, 1939 : NA (Male and female redescribed in *Hydropsyche* subgenus *Ceratopsyche* near *Hydropsyche sparna* HH Ross, *Hydropsyche macleodi* OS Flint, *Hydropsyche ventura* HH Ross, *Hydropsyche etnieri* GA Schuster & A Talak, *Hydropsyche slossonae* N Banks, *Hydropsyche aenigma* PW Schefter, GB Wiggins, & JD Unzicker, and *Hydropsyche alternans* (F Walker) by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 69-73, f 1, 8

In genus *Hydropsyche* according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Holotype--Male; UNITED STATES OF AMERICA: North Carolina, Black Gap (PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 69) United States of America)

Syn.: *Hydropsyche racona* DG Denning, 1965

Syn.: *Hydropsyche riola* DG Denning, 1942

*Hydropsyche alternans* (F Walker, 1852) : NA (Male and female redescribed in *Hydropsyche* subgenus *Ceratopsyche* near *Hydropsyche aenigma* PW Schefter, GB Wiggins, & JD Unzicker and *Hydropsyche centra* HH Ross by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 78, f 4, 5

Treated in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Canada)

*Philopotamus alternans* F Walker, 1852

Syn.: *Hydropsyche codona* C Betten, 1934

Syn.: *Philopotamus indecisus* F Walker, 1852

Syn.: *Philopotamus slossonae variety recurvata* N Banks, 1914

*Hydropsyche ambilis* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche ancestralis* (HH Ross & JD Unzicker, 1977) : NT (Transferred from *Mexipsyche* to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Mexico (Oaxaca))

*Mexipsyche ancestralis* HH Ross & JD Unzicker, 1977

*Hydropsyche andersoni* DG Denning, 1983 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche bronta* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Influence of initial colonization of development of stream invertebrate assemblages discussed by BJ Cardinale, CM Smith, & MA Palmer, 2001, *Hydrobiologia* 455: 19-27

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche buyssoni* G Ulmer, 1907 (Species incetae sedis according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 163 Japan)

*Hydropsyche carina* (F Gui & L Yang, 1999) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 124 China (Yunnan))

*Ceratopsyche carina* F Gui & L Yang, 1999

*Hydropsyche centra* HH Ross, 1938 : NA (Male and female redescribed in *Hydropsyche* subgenus *Ceratopsyche* near *Hydropsyche aenigma* PW Schefter, GB Wiggins, & JD Unzicker and *Hydropsyche alternans* (F Walker) by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 78, f 4, 5

Treated in genus *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche cerva* Y Li et L Tian, 1990 : OL (Male redescribed in *Hydropsyche* from Thailand by Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 805, pl 15

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31

Transferred from *Ceratopsyche* to *Hydropsyche*, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 124 China (Yunnan)

*Hydropsyche cheilonis* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche chengdu* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade, near *Hydropsyche columnata* AV Martynov Holotype--Male; CHINA: Sichuan, Chengtu, 14-ix-1940, [Phs Richardson 1679 collecting number?]; in alcohol; deposited in The Natural History Museum, London, United Kingdom China (Sichuan))

*Hydropsyche clavulata* L Yang & W Yang, 2005 (Male described originally in subgenus *Mexipsyche*, near *Hydropsyche grahami* N Banks, in Shaanxi and Gansu Provinces Holotype--Male; CHINA: Shaanxi Province, Foping County, 950 m, 24-vii-1998, coll Yuan Decheng; deposited in the Insect Collection of the Institute of Zoology, Chinese Academy of Sciences, Beijing, People's Republic of China China (Shaanxi))

*Hydropsyche ciosi* L Navas (Species incetae sedis according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 163 Philippines)

*Hydropsyche cockerelli* N Banks, 1905 : NA (Male and female redescribed in *Hydropsyche* subgenus *Ceratopsyche* near *Hydropsyche alternans* (F Walker), *Hydropsyche aenigma* PW Schefter, GB Wiggins, & JD Unzicker, *Hydropsyche centra* HH Ross by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 73, 75-78, f 2, 9

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Holotype--Male; UNITED STATES OF AMERICA: New Mexico, near Pecos (PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 73) United States of America)

Syn.: *Hydropsyche bicornuta* DG Denning, 1965

Syn.: *Hydropsyche jewetti* DG Denning, 1965

*Hydropsyche columnata* AV Martynov, 1931 : OL (Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, *P Internatn Symp Trich* 3: 278 and GA Schuster, 1984, *P Internatn Symp Trich* 4: 340

Male redescribed by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 813, pl 25

Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 133 China (Sichuan))

*Hydropsyche compressa* (Y Li & L Tian, 1990) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32

Transferred from *Ceratopsyche* to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56

Belonging to the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade by J Olah

& KA Johanson, 2008, Zootaxa 1802: 137 China (Guizhou))

*Ceratopsyche compressa* Y Li & L Tian, 1990

*Hydropsyche cora* DG Denning, 1973 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Hydropsyche curvativa* (Y Li & L Tian, 1990) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 133 China (Zhejiang))

*Ceratopsyche curvativa* Y Li & L Tian, 1990

*Hydropsyche dampfi* (HH Ross & JD Unzicker, 1977) : NA, NT (Transferred from *Mexipsyche* to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Mexico (Chiapas))

*Mexipsyche dampfi* HH Ross & JD Unzicker, 1977

*Hydropsyche dhusaravarna* F Schmid, 1975 : OL (In *Mexipsyche* according to L Tian, L Yang, & Y Li, Econ Ins Fauna China 49, Trich (1): Hydroptilidae, Stenopsychidae, Hydropsychidae, Leptoceridae, Sci Press, Beijing, p 109

Reported from Bhutan in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 818, and by H Malicky, 2007, Linzer biol Beitr 39(1): 497

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to *Hydropsyche vasuomittra* ("vasuomittra") Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 58 Bhutan)

Syn.: *Hydropsyche polyphylla* L Tian & Y Li, 1987

*Hydropsyche difficultata* M Kobayashi, 1984 (Species incetae sedis according to J Olah & KA Johanson, 2008, Zootaxa 1802: 163 Japan)

*Hydropsyche dorata* DG Denning, 1983 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Hydropsyche etnieri* (GA Schuster & A Talak, 1977) : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Symphitopsyche etnieri* GA Schuster & A Talak, 1977

*Hydropsyche excavata* (DE Kimmins, 1962) : AU (Transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche ungulata* Species Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 158 Papua)

*Herbertorossia excavata* DE Kimmins, 1962

*Hydropsyche faurai* L Navas, 1925 : OL (Transferred from *Ceratopsyche* back to *Hydropsyche*, belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche faurai* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 77 Philippines)

*Hydropsyche forcipata* G Ulmer, 1930 : OL (Transferred from *Ceratopsyche* back to *Hydropsyche*, belonging to the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 81 Holotype; PHILIPPINES: Mindanao (J Olah & KA Johanson, 2008, Zootaxa 1802: 81) Philippines (Mindanao))

*Hydropsyche gkarmai* H Malicky, 2007 : OL (Male described originally near *Hydropsyche kaznakovi* AV Martynov

Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Holotype--Male; BHUTAN: Bumthang, Yuto La Westseite, 3100 m, 27\*31'N, 90\*33'E, 22-iv-2006, Graf & Malicky; Tagfang; kleiner Bach mit Wasserfall und Becken neben der Strasse; deposited in NECS, Thimphu Bhutan)

*Hydropsyche hainanensis* (Y Li & L Tian, 1990) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade

according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 127 China (Hainan Island))

*Ceratopsyche hainanensis* Y Li & L Tian, 1990

*Hydropsyche hirta* S Jacquemart & B Statzner, 1981 : AT (Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Democratic Republic of the Congo)

*Hydropsyche indica* C Betten, 1909 (Species incertae sedis according to J Olah & KA Johanson, 2008, Zootaxa 1802: 163 India)

*Hydropsyche intricata* DG Denning, 1965 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Hydropsyche isip* TI Arefina, N Minakawa, & T Nozaki, 2004 (Male and female described originally in *Hydropsyche* subgenus *Ceratopsyche* near *Hydropsyche orientalis* (AV Martynov)

Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 128 Holotype--Male; RUSSIA: Sakhalin, Avgustovka River, 10 km east from Boshnyakovo Village, 49\*40'N, 142\*20'E, 25-vii-2003, N Minakawa; deposited in the insect collection of the Institute of Biology and Soil Science, Far East Branch, Russian Academy of Sciences, Vladivostok, Russia Russia (Sakhalin))

*Hydropsyche januha* J Olah & PC Barnard, 2008 : OL (Male described originally in the *Hydropsyche vasuomittra* ("vasuomittra") Species Group near *Hydropsyche dhusaravarna* F Schmid Holotype--Male; INDIA: Khasi Hills, McLachlan Coll (BM 1938-674); deposited in The Natural History Museum, London, United Kingdom India)

*Hydropsyche kamenga* J Olah & PW Scheffer, 2008 : OL (Male described originally in the *Hydropsyche vasuomittra* ("vasuomittra") Species Group near *Hydropsyche atlas* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Assam, Kameng, Amatulla, 11-iii-1961, F Schmid; pinned with cleared abdomen in plastic genital vial; deposited in the Royal Ontario Museum, Toronto, Canada India)

*Hydropsyche kaznakovi* AV Martynov, 1915 : OL, PA (Reported from India (Nanda Devi Biosphere Reserve) by M Mazumdar, Zool Survey of India, Calcutta, p 89-90

Reported from West Bengal, India, by SK Ghosh & M Chaudhury, 1999, Trichoptera, in Fauna of West Bengal, Part 8: Insecta (Trichoptera, Thysanoptera, Neuroptera, Hymenoptera, and Anoplura), Zoological Survey of India, pages 1-25

Reported from Afghanistan, Pakistan, Kashmir, Nepal in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 803

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497

Male phallus discussed, transferred from *Ceratopsyche* back to *Hydropsyche*, in the *Hydropsyche pluvialis* Species Group, *Hydropsyche rhomboana* Species Cluster by J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 109 Tadjikistan)

*Hydropsyche kimminsi* (K Kumanski, 1979) : AU (Transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche unguolata* Species Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 158 Papua New Guinea)

*Herbertorossia kimminsi* K Kumanski, 1979

*Hydropsyche kozhantschikovi* AV Martynov, 1924 (Larva and ecology described, male and female redescribed by JM Hur, JH Hwang, TH Roe, & YJ Bae, 2000, Korean J Entomol 30(1): 57-61, f 1-6

Emergence pattern provided by JM Hur, YH Jin, SJ Park, DH Won, and YJ Bae, 2000, Korean J Limnology 33(3): 267-273

Labial glands and protein patterns of larvae described by S-C Park, SW Kang, SS Han, & H Wago, 2003, Korean Journal of Entomology 33(1): 17-23

Silk gland histology described by MC Kim, SC Park, DJ Chun, SW Kang, YR Seo, CH Yu, and SS

Han, 2005, J Entomol Sci 40(2): 178-185

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (southern Buryatia, Irkutsk Region, Altai Mountains) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade, from Russia, Pakistan, Korea according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 128

Reported from northern middle Siberia as *Hydropsyche kozhantshikovi* by MA Beketov, 2008, Entomological News 119(3): 299-302

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (South Siberia - Sajan Mountains))

Syn.: *Hydropsyche kawamurai* M Tsuda, 1940

*Hydropsyche leptocerina* L Navas, 1917 (Species incertae sedis according to J Olah & KA Johanson, 2008, Zootaxa 1802: 164 "IndoChina")

*Hydropsyche lianchiensis* (Y Li & L Tian, 1990) (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade, from Russia (Primorye) according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 129 China (Heilongjiang))

*Ceratopsyche lianchiensis* Y Li & L Tian, 1990

*Hydropsyche macleodi* OS Flint, 1965 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Hydropsyche malformis* (Y Li, 1993) : OL (Transferred from *Mexipsyche* to *Hydropsyche*, in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster by J Olah & KA Johanson, 2008, Zootaxa 1802: 102 China (Sichuan))

*Mexipsyche malformis* Y Li, 1993

*Hydropsyche marlieri* S Jacquemart & B Statzner, 1981 : AT (Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Democratic Republic of the Congo)

*Hydropsyche masula* J Olah & KA Johanson, 2008 (Male described originally in the *Hydropsyche angustipennis* Species Group, *Hydropsyche pellucidula* Species Cluster, near *Hydropsyche iokaste* H Malicky Holotype--Male; IRAN: Talesh Mountain [sic], Masula River, 12-viii-1990, light, J Olah; in alcohol; deposited in the J Olah personal collection, Debrcen, Hungary Iran)

*Hydropsyche meyi* J Olah & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche forcipata* Species Cluster near *Hydropsyche forcipata* G Ulmer Holotype--Male; PHILIPPINES: Mindanao, Mt Katanglad, 21-ii-2000, light, J Olah; in alcohol; deposited in the J Olah Personal Collection Philippines (Mindanao))

*Hydropsyche morosa* HA Hagen, 1861 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Effect of suspended particles on net tending behavior described by JM Runde & RA Hellenthal, 2000, Ann Entomol Soc Amer 93(3): 678-683

Fluctuating asymmetry of larvae as indicator of river condition described by N Bonada & DD Williams, 2002, Hydrobiologia 481: 147-156

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

Syn.: *Hydropsyche bifida* N Banks, 1905

Syn.: *Hydropsyche chlorotica* HA Hagen, 1861

*Hydropsyche moselyi* S Jacquemart & B Statzner, 1981 : AT (Preoccupied in *Hydropsyche* by DE Kimmins, 1962

Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 Democratic Republic of the Congo)

*Hydropsyche moselyi* DE Kimmins, 1962 : AU (Transferred from *Ceratopsyche* back to *Hydropsyche*, in the *Hydropsyche hamifera* Species Group, *Hydropsyche hamifera* Species Clade, *Hydropsyche celebensis* Species Cluster according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 88 Papua New Guinea)

*Hydropsyche orakaivai* (DE Kimmins, 1962) : AU (Transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche ungulata* Species Group as "*Hydropsyche orkakavai*" by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 158-159 Papua New Guinea)

*Herbertorossia orakaivai* DE Kimmins, 1962

Syn.: *Herbertorossia rapsoni* K Korboot, 1964

*Hydropsyche orientalis* AV Martynov, 1934 (Comparative larval ecology, SL Kocharina, 1997, *Russ J Aq Ecol* 6(1-2): 43-51

Larva, larval retreat, pupa, pupal case, and biology described, male and female redescribed from Korea by JM Hur, DH Won, TH Ro, and YJ Bae, 2000, *Korean J Appl Entomol* 39(1): 25-29, f 1-8

Host of ectoparasite *Polypedilum kamotertium* Sasa (Diptera: Chironomidae) according to T Kobayashi, A Ohtaka, & T Takahashi, 2003, *Spixiana* 26(1): 83-91

Listed from China (Xinjiang) as *Ceratopsyche orientalis* AV Martynov by XY Huang, JH Zhang, & W Wang, 2005, *Journal of Shihezi University (Natural Science)* 23(4): 470

Reported from China (Xinjiang, Altai Region) by W Wang, JH Zhang, & JY Zhu, 2006, *Journal of Shihezi University (Natural Science)* 24(5): 544-545, f 4a-d

Effects of interspecific competition discussed by R Chubachi, 2006, *Tokushima Daigaku So-go Kagakubu Shizen Kagaku Kenkyu* 20: 15-24

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu, Ryukyu), Russia (Kuriles, Sakhalin, Far East), China, Mongolia, Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Microhabitat described by K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 297-307

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, *Proceedings of the 6th International Conference on Urban Pests*, pp 259-266

Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade, from Russia (Primorye) and Korea according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 129-130 Russia (southeastern Siberia))

Syn.: *Hydropsyche tsudai* K Tanida, 1977

Syn.: *Hydropsyche ulmeri* M Tsuda, 1940

*Hydropsyche oslari* N Banks, 1905 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Interspecific interference competition effects of *Gammarus lacustris* on net building success and distribution A Haden, DW Blinn, JP Shannon, & KP Wilson, 1999, *J Freshw Ecol* 14(3): 277-280

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56

Reported from Arizona, as *Ceratopsyche oslari*, by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

Syn.: *Hydropsyche partita* N Banks, 1914

*Hydropsyche penicillata* AV Martynov, 1931 : OL (Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 140 China (Sichuan))

*Hydropsyche piatrix* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche polyphylla* L Tian & Y Li, 1987 (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 China (XXXXX))

*Hydropsyche protis* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche pungentis* (Y Li, 1993) : OL (Transferred from *Mexipsyche* to *Hydropsyche*, in the *Hydropsyche pluvialis* Species Group and *Hydropsyche rhomboana* Species Cluster by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 111 China (Sichuan))

*Mexipsyche pungentis* Y Li, 1993

*Hydropsyche reciproca* (F Walker, 1852) : NA (Transferred from *Ceratopsyche* to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 "North America?")

*Philopotamus reciproca* F Walker, 1852

Syn.: *Hydropsyche dubia* F Walker, 1852

*Hydropsyche retronsis* Y Li & L Tian, 1996 : OL (Transferred from *Mexipsyche* back to *Hydropsyche*, in the *Hydropsyche pluvialis* Species Group, *Hydropsyche pluvialis* Species Cluster by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 103 Holotype--Male; People's Republic of China: Xizang, Ali, Ge-er-shi-quan River, 4280 m, VI-6, 1976, Huan Fu-shen; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Tibet))

*Hydropsyche sabronensis* (DE Kimmins, 1962) : AU (Reported from additional localities in Papua New Guinea, transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche ungulata* Species Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 159

Reported from Papua New Guinea (Bismark Archipelago: New Britain) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 89 Papua New Guinea)

*Herbertorossia sabronensis* DE Kimmins, 1962

*Hydropsyche semkala* J Olay & KA Johanson, 2008 : OL (Male described originally in the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, near *Hydropsyche klimai* W Mey Holotype--Male; INDIA: Karnataka, Shimoge District, Jog Falls, 02-iii-1980, collected at MV lamps at the bungalows, Gy Topal; in alcohol; deposited in the J Olah personal collection, Debrcen, Hungary China (Sichuan))

*Hydropsyche serpentina* F Schmid, 1965 (Transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche serpentina* Species Clade, by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 150 China (Hunan))

*Hydropsyche setensis* M Iwata, 1927 (Recorded from Japan as *Hydropsyche setensis* by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Transferred from *Ceratopsyche* back to *Hydropsyche*, in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 130



Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)  
Syn.: *Hydropsyche japonica* M Iwata, 1927  
Syn.: *Hydropsyche nakaharai* M Tsuda, 1949  
*Hydropsyche seychellensis* G Ulmer, 1910 : AT (Transferred from *Hydromanicus* to *Hydropsyche* by PW Scheffer, 2005, Aquatic Insects 27(1): 148

Male redescribed, transferred from *Hydropsyche* back to *Hydromanicus*, in the *Hydromanicus verrucosus* Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 24, f 20-23 Seychelle Islands)  
*Hydropsyche shizongensis* (F Gui & L Yang, 1999) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, by J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 142 China (Yunnan))  
*Ceratopsyche shizongensis* F Gui & L Yang, 1999  
*Hydropsyche silfvenii* G Ulmer, 1906 (Larva diagnosed by P Wiberg-Larsen, 1980, Entomol Meddr 47: 125-140, f 13, 19, 30

Belonging to subgenus or genus *Ceratopsyche* by definitions of A Nielsen, 1981, P Internatn Symp Trich 3: 278 and GA Schuster, 1984, P Internatn Symp Trich 4: 340

Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Reported from Buskerud, Norway, as *Ceratopsyche silfvenii*, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Male redescribed in *Hydropsyche* by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 813, pl 19

Distribution in Europe, phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Belonging in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 130

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Finland)  
*Hydropsyche slossonae* N Banks, 1905 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffer, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Effect of suspended particles on net tending behavior described by JM Runde & RA Hellenthal, 2000, Ann Entomol Soc Amer 93(3): 678-683

Polypeptide composition and characterization of larval capture net silk described by L Tessier, JL Boisvert, LB-M Vought, & JO Lacoursiere, 2000, Can Entomol 132(1): 59-68

Effects of 2,4-dichlorophenol on larval net spinning behavior described by L Tessier, JL Boisvert, LB-M Vought, & JO Lacoursiere, 2000, Ecotoxicol Envir Safety 46(2): 207-217

Effects of cadmium on larval net spinning behavior described by L Tessier, JL Boisvert, LB-M Vought, & JO Lacoursiere, 2000, Envir Pollution 108(3): 425-438

Assessing density-dependent establishment and dispersal by BL Kerans, PL Chesson, RA Stein, 2000, Canadian Journal of Fisheries and Aquatic Sciences 57(6): 1190-1199

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 United States of America)

*Hydropsyche smetanini* (AP Nimmo, 1995) (May be a synonym of *Ceratopsyche newae* Kolenati according to H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 812

Transferred from *Ceratopsyche* to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 (Russia (Kamtshatka))

*Ceratopsyche smetanini* AP Nimmo, 1995

*Hydropsyche sparna* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffter, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Effect of suspended particles on net tending behavior described by JM Runde & RA Hellenthal, 2000, Ann Entomol Soc Amer 93(3): 678-683

Effects of habitat structure on larval drift and settlement reported by JR Holomuzki & AS Van Loan, 2002, Hydrobiologia 477: 139-147

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 (United States of America)

*Hydropsyche spinata* M Kobayashi, 1987 : OL (Male redescribed, reported from additional locations in Vietnam, transferred from *Ceratopsyche* back to *Hydropsyche*, belonging in the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 142, f 236-240 (Taiwan))

*Hydropsyche stimulans* R McLachlan, 1878 (Reported from Afghanistan, Uzbekistan, Kirghizstan by H Malicky & P Chantaramongkol, 2000, Linzer biol Beitr 32(2): 803

Transferred from *Ceratopsyche* back to *Hydropsyche*, in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 130 (Uzbekistan)

*Hydropsyche striata* (DE Kimmins, 1962) : AU (Transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche ungulata* Species Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 159 (Papua))

*Herbertorossia striata* DE Kimmins, 1962

*Hydropsyche tana* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Scheffter, GB Wiggins, & JD Unzicker, 1986, Journal of the North American Benthological Society 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 (United States of America)

*Hydropsyche testacea* (L Navas, 1933) (Transferred from *Anisocentropus* to *Hydropsyche* by A Neboiss, 1986 [1996?], XXX?)

Transferred from *Ceratopsyche* to *Hydropsyche*, but as a species incertae sedis in *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 164 (New Guinea)

*Anisocentropus testacea* L Navas, 1933

*Hydropsyche tetrachotoma* (Y Li & L Tian, 1990) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, in the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 143 (China (Guangxi)))

*Ceratopsyche tetrachotoma* Y Li & L Tian, 1990

*Hydropsyche toschieae* DG Denning, 1965 : NA, NT (Transferred from *Mexipsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, Zootaxa 1802: 56 (Mexico (Veracruz)))

*Hydropsyche trifora* (Y Li & L Tian, 1990) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, in the *Hydropsyche newae* Species Group, *Hydropsyche newae* Species Clade according to J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 130-131 (China (Anhui)))

*Ceratopsyche trifora* Y Li & L Tian, 1990

*Hydropsyche tubulosa* (Y Li & L Tian, 1990) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche columnata* Species Clade by J Olah & KA Johanson, 2008, Zootaxa 1802: 56, 134 (China (Zhejiang)))

*Ceratopsyche tubulosa* Y Li & L Tian, 1990

*Hydropsyche ungulata* (G Ulmer, 1906) : AU (Transferred from *Herbertorossia* to *Hydropsyche* into the *Hydropsyche ungulata* Species Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 159 (New Guinea))

*Hydromanicus ungulata* G Ulmer, 1906

*Hydropsyche valvata* AV Martynov, 1927 : OL (Larva described, male and female redescribed from South Korea by JM Hur, JH Hwang, & YJ Bae, 1999, Entomol Research Bull 25: 13-15

Reported from Siberia (Novosibirsk) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 31

Reported from Russia (Ussuriysk District) and Korea, transferred from *Ceratopsyche* back to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 144-145

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Kazakhstan)

*Hydropsyche vanaca* DG Denning, 1965 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56

Female described by DE Ruiter & DW Blinn, 2009, *Braueria* 36: 4, f 4a-b United States of America)

*Hydropsyche venada* HH Ross, 1941 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Transferred from *Ceratopsyche* back to *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56

Female described by DE Ruiter & DW Blinn, 2009, *Braueria* 36: 4, f 5a-b

Reported from Arizona, as *Ceratopsyche venada*, by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Hydropsyche ventura* HH Ross, 1941 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Canada)

*Hydropsyche verrucosa* (G Ulmer, 1911) : OL (Transferred from *Hydromanicus* to *Hydatomanicus*, as type species of *Hydatomanicus*, by G Ulmer, 1951, *Archiv fuer Hydrobiologie, Supplement* 19: 299

Redescribed from Taiwan by H Malicky & P Chantaramongkol, 2000, *Linzer biol Beitr* 32(2): 797, pl 3

Transferred from *Hydatomanicus* back to *Hydromanicus*, in the *Hydromanicus verrucosus* Group by synonymization of *Hydatomanicus* with *Hydromanicus* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 24

Transferred from *Hydromanicus* and *Hydatomanicus* to *Hydropsyche* by synonymization of *Hydatomanicus* with *Hydropsyche* by CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 926 Taiwan)

*Hydromanicus verrucosa* G Ulmer, 1911

*Hydropsyche vexa* HH Ross, 1938 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 United States of America)

*Hydropsyche walkeri* C Betten & ME Mosely, 1940 : NA (Assigned to *Hydropsyche* subgenus *Ceratopsyche* by PW Schefter, GB Wiggins, & JD Unzicker, 1986, *Journal of the North American Benthological Society* 5(1): 68

Listed in *Hydropsyche* by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56 Canada)

Syn.: *Hydropsyche maculicornis* F Walker, 1852

*Hydropsyche yaeyamensis* (K Tanida, 1986) : OL (Transferred from *Ceratopsyche* to *Hydropsyche*, into the *Hydropsyche newae* Species Group, *Hydropsyche simulata* Species Clade, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 56, 145 Japan)

*Ceratopsyche yaeyamensis* K Tanida, 1986

***Hydroptila* JW Dalman, 1819**

*Hydroptila abantica* F Sipahiler, 1996 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Turkey)

*Hydroptila abbotti* SR Moulton & SC Harris, 1997 : NA (Male described originally near *Hydroptila ouachita* Holzenthal & Kelley Holotype--Male; UNITED STATES OF AMERICA: Texas, Anderson Co, Skeet Branch, Engeling Wildlife Management Area, 3.2 km W Blackfoot, 12 June 1994, J Abbott, J Chirhart, M Pasanante; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Hydroptila acadia* HH Ross, 1941 : NA (Canada)

*Hydroptila acantha* A Wells & W Mey, 2002 : OL (Philippines)

*Hydroptila acinacis* A Wells, 1978 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52 Holotype--Male; Australia: Tasmania, Koornalla, Traralgon Creek, 26 Feb 1974; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52) Australia (Tasmania))

*Hydroptila acuminata* J Bueno-Soria, 1984 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 Mexico (Tamaulipas))

*Hydroptila acuta* ME Mosely, 1930 (Recorded from Italy by H Malicky, 2002, Entomofauna 23(1): 4 France (Corsica))

*Hydroptila acutangulata* L Yang & B Wang, 1997 (China (Henan))

*Hydroptila adana* ME Mosely, 1948 : AT (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 543

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253 Democratic Republic of Yemen)

*Hydroptila aegyptia* G Ulmer, 1963 (Ecology and distribution discussed by F Cianficconi, C Corallini, and F Tucciarelli, 2002, Biogeographia 23: 139-155, f 8, 13

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Egypt)

Syn.: *Hydroptila kurnas* H Malicky, 1974

*Hydroptila africana* DE Kimmins, 1958 : AT (Zimbabwe)

*Hydroptila agosensis* W Mey, 2003 : OL (Male and female described originally near *Hydroptila makaplag* A Wells & W Mey, 2002 Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, Agos River, 10-iv-1997, W Mey, V Samarita, & W Speidel; genitalia slide Mey 14/03; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Hydroptila ajax* HH Ross, 1938 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Hydroptila alabama* SC Harris & RW Kelley, 1984 : NA (United States of America)

*Hydroptila alara* F Sipahiler, 1994 (Turkey)

*Hydroptila albicornis* HA Hagen, 1861 : NA (Canada)

*Hydroptila aldricki* J Bueno-Soria, 1984 : NT (Mexico (Guerrero))

*Hydroptila amoena* HH Ross, 1938 : NA (United States of America)

*Hydroptila ampoda* HH Ross, 1941 : NA (Canada)

*Hydroptila ancistrion* OS Flint, 1968 : NT (Jamaica)

*Hydroptila andalusiaca* MA Gonzalez & F Cobo, 1994 (Spain)

*Hydroptila angulata* ME Mosely, 1922 : PA (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Larva develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from China (Xinjiang) as *Hydroptila emarginata* Mey, 1993, by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Male redescribed, female described, reported from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, Geol, Biodiv & Ecol Lake Hovsgol (Mongolia), p 321, f 3A-G

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Britain)

Syn.: *Hydroptila bajgirana* L Botosaneanu, 1983

Syn.: *Hydroptila emarginata* AV Martynov, 1927

*Hydroptila angulifera* K Kumanski, 1974 (Considered a subspecies of *Hydroptila uncinata* Morton until elevated by H Malicky and G Moretti, 1987, Ent Z 97(14): 193-196 Bulgaria)

*Hydroptila angusta* HH Ross, 1938 : NA, NT (

Flight period, voltinism, larval case angle to stone face by DC Houghton & KW Stewart, 1998, Entomol News 109(2): 103-109

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Hydroptila angustata* ME Mosely, 1939 : PA (First record for Austria by H Malicky, 1999, Zeitschr Arbeitsgemeinsch Oesterrich Entomol 51(3-4): 89-98

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Egypt)

Syn.: *Hydroptila neglecta* K Kumanski, 1983

*Hydroptila anisoforicata* CR Parker & JR Voshell, 1979 : NA (United States of America)

*Hydroptila annulicornis* S Matsumura, 1931 (Japan)

*Hydroptila anongraksa* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila thuna* J Olah Holotype--Male; THAILAND: Sai Yok National Park, 14°26'N, 98°51'E, 100 m, 17-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila antennopedia* JL Sykora & SC Harris, 1994 : NA (United States of America)

*Hydroptila antillarum* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 40 Dominica)

*Hydroptila apalachicola* SC Harris, ML Pescador, & AK Rasmussen, 1998 : NA (United States of

America)

*Hydroptila arctia* HH Ross, 1938 : NA, NT (Reported from Hawaii in error according to OS Flint, RA Englund, & B Kumashiro, 2003, Bishop Museum Occ Papers 73: 31-33)

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

Syn.: *Hydroptila acoma* DG Denning, 1947

*Hydroptila arethusa* H Malicky, 1997 (Portugal)

*Hydroptila argentinica* OS Flint, 1983 : NT (Argentina)

*Hydroptila argosa* HH Ross, 1938 : NA (United States of America)

*Hydroptila armata* HH Ross, 1938 : NA (Larval development, feeding behavior, cases by JB Keiper & BA Foote, 1999, Proc Entomol Soc Washington 101(3): 514-521 United States of America)

*Hydroptila armathai* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Iran)

*Hydroptila artemis* H Malicky, 1997 (Armenia)

*Hydroptila artesa* ML Mathis & DE Bowles, 1990 : NA (United States of America)

*Hydroptila asteria* H Malicky, 1997 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Turkey)

*Hydroptila astraia* H Malicky, 1997 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Hydroptila asymmetrica* K Kumanski, 1990 (Male and female described originally near *Hydroptila extrema* K Kumanski)

Reported from Russia (South Primorye) and Korea by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 97

Reported from Japan (Honshu) and Korea by T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, Zootaxa 2801: 15, 17-18, f 9, 14E Holotype--Male; NORTH KOREA: Province Kangvon, stream and small torrents of the plain near Casan vill, 1-3 km from the sea (ca 25 km E of Sondan), 6-x-1978, K Kumanski; in alcohol; deposited in the National Natural History Museum, Sophia, Bulgaria Korean People's Democratic Republic)

*Hydroptila atalante* H Malicky, 1997 (Bulgaria)

*Hydroptila atargatis* H Malicky, 1997 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Lebanon)

*Hydroptila ate* H Malicky, 1997 : OL (Pakistan)

*Hydroptila auge* H Malicky, 1997 (Greece (Lesbos))

*Hydroptila aurora* H Malicky, 1997 (Tunisia)

*Hydroptila autonoe* H Malicky, 1997 (Morocco)

*Hydroptila banmaekap* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Ban Nam Mae To, 18°51'N, 098°37'E, 600 m, 14-iii-1992, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila batang* A Wells & J Huisman, 1992 : OL (Brunei)

*Hydroptila baukis* H Malicky, 1998 : OL (Indonesia (Java))

*Hydroptila begap* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila bellona* H Malicky, 1998 : OL (Reported from Indonesia (Sumatra) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium

on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydroptila bengkokka* A Wells, 1990 : OL (Male, female, larva, case described originally, incertae sedis in the genus Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Tumpah R 1 km above Toraut R junction, 17-v-1985, light trap, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Hydroptila berkait* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila bernerii* HH Ross, 1941 : NA (United States of America)

*Hydroptila biankii* VD Ivanov, 1992 (Tajikistan)

*Hydroptila bibir* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila bidens* OS Flint, 1983 : NT (Argentina)

*Hydroptila bispina* DE Kimmins, 1962 : AU (Papua)

*Hydroptila bispinatella* W Mey, 2003 : OL (Reported from Philippines (Luzon, Sibuyan) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines (Luzon))

Syn.: *Hydroptila bispina* A Wells & W Mey, 2002

*Hydroptila blicklei* JL Sykora & SC Harris, 1994 : NA (United States of America)

*Hydroptila botosaneanui* K Kumanski, 1990 (Male and female described originally in the Hydroptila tineoides Group

Reported from Russia (South Primorye) and Korea by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 97

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, Zootaxa 2801: 20, 22, f 12, 14F Korean People's Democratic Republic)

*Hydroptila brailovskyi* J Bueno-Soria, 1984 : NA, NT (Male redescribed, first record for Costa Rica by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 34, f 11 Mexico (Veracruz))

*Hydroptila bribriae* SC Harris, 2002 : NA (Male described originally Holotype--Male; United States of America: Florida, Santa Rosa County, Indigo Creek, at Base Rd 213, Eglin Air Force Base, 19 March 1998, M Pescador and A Rasmussen; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States of America (Florida))

*Hydroptila brigittae* FM Gibon, 1987 : AT (Ivory Coast)

*Hydroptila brincki* S Jacquemart, 1963 : AT (Republic of South Africa)

*Hydroptila brissaga* H Malicky, 1996 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

*Hydroptila broweri* RL Blickle, 1963 : NA (United States of America)

*Hydroptila bugata* A Wells, 1984 : AU (New Guinea)

*Hydroptila bumbulensis* A Wells & T Andersen, 1995 : AT (Tanzania)

*Hydroptila caesariata* L Zhou, CH Sun, & LF Yang, 2009 : OL (Male described originally in the Hydroptila uncinata Group near Hydroptila quinaria A Wells & D Dudgeon and Hydroptila wuchangensis Wang Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Zhuang Autonomous Region, Shangsi City, Nalin He, tributary of Mingjiang He, 2.0 km NW of main entrance to Shiwandashan National Forest Park (21°51'n, 107°53'E), alt 281 m, 5 June 2004, coll JC Morse, CH Sun; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Hydroptila calcara* A Wells, 1978 : AU (Australia)

*Hydroptila callia* DG Denning, 1948 : NA (United States of America)

*Hydroptila calundoensis* G Marlier, 1965 : AT (Angola)

*Hydroptila campanulata* KJ Morton, 1896 (Algeria)

*Hydroptila caperata* A Wells, 1984 : AU (New Guinea)

*Hydroptila carara* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila carolae* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Hydroptila catamarcensis* OS Flint, 1983 : NT (Argentina)

*Hydroptila chattanooga* KS Frazer & SC Harris, 1991 : NA (United States of America)

*Hydroptila cheaha* SC Harris, 1991 : NA (United States of America)

*Hydroptila chelops* SC Harris, 1985 : NA (United States of America)

*Hydroptila chinensis* YG Xue & LF Yang, 1990 (Male described originally

Male redescribed and female described by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc

Internatn Symp Trich 10: 97, f 1-5

Male and female redescribed from Japan near *Hydroptila phenianica* L Botosaneanu by T Ito, A Ohkawa, T Hattori, 2011, *Zootaxa* 2801: 5, 7, f 3, 14B Holotype--Male; China: Heilongjiang, Wudalianchi, 8-VIII-1987, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Heilongjiang)

*Hydroptila cintrana* KJ Morton, 1904 (Portugal)

*Hydroptila cochlearis* YG Xue & LF Yang, 1990 (Male described originally Holotype--Male; China: Henan, Linxian Qihe, 27-VIII-1988, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Henan))

*Hydroptila cognata* ME Mosely, 1930 (Female redescribed, compared with other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), *Ephemera* 6(2): 125-133, f 5 France)

*Hydroptila consimilis* KJ Morton, 1905 : NA (

Biology and larval feeding habits described by JB Keiper & BA Foote, 2000, *Ann Ent Soc Amer* 93(2): 225-234

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Hydroptila constricta* J Bueno-Soria, 1984 : NT (Male redescribed, first record for Costa Rica by SC Harris & RW Holzenthal, 1999, *Stud Neotrop Fauna & Environm* 34: 34, 38, f 12, 28] Mexico (Chiapas))

*Hydroptila coreana* K Kumanski, 1990 (Male and female described originally

Reported from Russia (Khabarovsk Territory) by TI Arefina, TS Vshivkova, and JC Morse, 2002, *Proc Internatn Symp Trich 10*: 98

Female of sp aff *coreana* described by TI Arefina, TS Vshivkova, and JC Morse, 2002, *Proc Internatn Symp Trich 10*: 99, f 6-8

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 23, 24

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, *Zootaxa* 2801: 18-19, f 10, 14E Holotype--Male; NORTH KOREA: Province Phyongan pukdo (northern Phyongan), Myohyang Mts, the foothills (ca 200 masl), the hotel, 22-v-1987, at light, Dr M Josifov, P Beron, & Z Hubenov; in alcohol; deposited in the National Natural History Museum, Sophia, Bulgaria Korean People's Democratic Republic)

*Hydroptila cornea* L Yang & Y Xue, 1994 : OL (China (Sichuan))

*Hydroptila cornuta* ME Mosely, 1922 (Re-recorded for Denmark by P Wiberg-Larsen, 1985, *Entomol Meddr* 53: 43

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

*Hydroptila corsicana* ME Mosely, 1930 (Male re-illustrated, from Corsica and Italy, treated as a distinct species, elevated from subspecific status of *Hydroptila vectis corsicana* ME Mosely, by H Malicky, 2005, *Linzer biol Beitr* 37(1): 535, f 1 and *Linzer biol Beitr* 37(1): 543 France (Corsica))

*Hydroptila cortensis* ME Mosely, 1937 (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

*Hydroptila coscaroni* OS Flint, 1983 : NT (Argentina)

*Hydroptila cottaquilla* SC Harris, 1994 : NA (United States of America)

Syn.: *Hydroptila setigera* SC Harris, 1986

*Hydroptila coweetensis* AD Huryn, 1985 : NA (United States of America)

*Hydroptila crenata* (G Ulmer, 1951) : OL (Male redescribed by H Malicky, 1998, *Linzer biol Beitr* 30(2): 797, pl 3



Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Pasirottrichia crenata* G Ulmer, 1951

*Hydroptila cretosa* SC Harris, 1985 : NA (United States of America)

*Hydroptila cruciata* G Ulmer, 1912 : AT (Reported from Yemen (Socotra) by H Malicky, 1999, Entomologische Zeitschrift 109(12): 492

Male redescribed by L Botosaneanu, 2002, Proc Internatn Symp Trich 10: 323-324, f 1-2

Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218

Reported from Madagascar (main island and Comoros Islands-Mayotte Island), Benin, Ghana, Guinea, Ivory Coast, Cape Verde Islands, Niger, South Africa, Tanzania, Togo, and Yemen by KA Johanson & N Mary, 2009, Zootaxa 2089: 7-8 East Africa)

Syn.: *Hydroptila airensis* S Jacquemart, 1980

Syn.: *Hydroptila capensis* KH Barnard, 1934

Syn.: *Hydroptila hirra* ME Mosely, 1948

*Hydroptila cubana* K Kumanski, 1987 : NT (Cuba)

*Hydroptila cuneata* A Wells & D Dudgeon, 1990 : OL (China (HongKong))

*Hydroptila curvata* J Bueno-Soria, 1984 : NT (Male redescribed, first record for Costa Rica by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 38, f 13, 29] Honduras)

*Hydroptila dampfi* G Ulmer, 1929 (First record for Finland by Anonymous, 1999, Entomol Fenn 10(1): 1-5

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, Zootaxa 2801: 11-12, f 6, 14C Germany)

Syn.: *Hydroptila volgensis* , 1979

*Hydroptila daun* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila dayung* A Wells & J Huisman, 1992 : OL (Reported from Malaysia (Sabah), Vietnam, Taiwan, and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1024 Malaysia (Sabah))

*Hydroptila decia* DA Etnier & JD Way, 1973 : NA (United States of America)

Syn.: *Hydroptila chocolocco* SC Harris, 1985

*Hydroptila dejaloni* L Botosaneanu, 1980 (Spain)

*Hydroptila delineata* KJ Morton, 1905 : NA (United States of America)

*Hydroptila dentata* HH Ross, 1938 : NA (United States of America)

*Hydroptila denza* HH Ross, 1948 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Mexico (Tamaulipas))

*Hydroptila desertorum* W Mey, 1993 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 China (Xinjiang))

*Hydroptila dikirilagoda* F Schmid, 1958 : OL (Sri Lanka)

*Hydroptila disgalera* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Hydroptila ditalea* OS Flint, 1968 : NA, NT (Male and female described originally)

Known from Jamaica, Mexico, Ecuador, Peru, and Dominican Republic (Duarte, Independencia, La Vega, Monte Plata, Pedernales, Azua, Barahona, Dajabon, Elias Pina, El Seibo, La Altagracia, La Romana, Monsenor Nouel, Puerto Plata, San Cristobal, San Juan) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 31 Jamaica)

*Hydroptila dominicana* L Botosaneanu, 1995 : NT (Male and female described originally)

Known from Cuba and Dominican Republic (La Vega, Independencia, Azua, Elias Pina, Pedernales, Puerto Plata, San Juan) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 31 Dominican Republic)

*Hydroptila dorsoprocessuata* L Botosaneanu, 1993 (Russia (SSiberia))

*Hydroptila eglinensis* SC Harris, 2002 : NA (Male described originally Holotype--Male; UNITED STATES OF AMERICA: Florida, Okaloosa County, Rogue Creek, 0.6 km S Base Rd 232, Eglin Air Force Base, 30°33'19"N, 86°34'51"W, 21 May 1998, M Pescador; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States

of America (Florida))

*Hydroptila eileithya* H Malicky, 1999 : AT (Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 544 Yemen)

*Hydroptila elongata* (G Ulmer, 1951) : OL ([male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 797, pl 3] Indonesia (Java))

*Oeceotrichia elongata* G Ulmer, 1951

*Hydroptila englishi* SW Hamilton, 1989 : NA (United States of America)

*Hydroptila engywuck* H Malicky & A Lounaci, 1987 (Tunisia)

*Hydroptila eramosa* PP Harper, 1973 : NA (Canada)

*Hydroptila erawan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 14°22'N, 099°08'E, 200 m, 22-23-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila erkakanae* F Sipahiler, 1997 (Turkey)

*Hydroptila ernstreichli* H Malicky, 1999 : PA (Uzbekistan)

*Hydroptila espada* H Malicky, 1981 (Synonym of *Hydroptila juba* according to H Malicky, 1987, Trichoptera Newsletter 14: 30)

Synonym of *Hydroptila fortunata* KJ Morton, 1893, according to L Botosaneanu, 2003, Bull Soc Ent Fr 108: 107-108)

*Hydroptila espada* H Malicky is not a synonym of *Hydroptila fortunata* KJ Morton according to H Malicky, 2005, Linzer biol Beitr 37(1): 544 Portugal)

*Hydroptila extrema* K Kumanski, 1990 (Male and female described originally near *Hydroptila asymmetrica* K Kumanski Holotype--Male; NORTH KOREA: Province Phyongan pukdo (northern Phyongan), Myohyang Mts, the foothills (ca 200 masl), the hotel, 22-v-1987, Dr M Josifov, P Beron, & Z Hubenov; in alcohol; deposited in the National Natural History Museum, Sophia, Bulgaria Korean People's Democratic Republic)

*Hydroptila fiorii* H Malicky & GP Moretti, 1987 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Hydroptila fiskei* RL Blickle, 1963 : NA (United States of America)

*Hydroptila flinti* J Bueno-Soria, 1984 : NT ([male redescribed by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 38, f 14] Costa Rica)

*Hydroptila fonsorontina* L Botosaneanu & Z Moubayed, 1985 (Species epithet spelled *Hydroptila fonsorentina* by H Malicky, 2005, Linzer biol Beitr 37(1): XXX?? Lebanon)

*Hydroptila forcipata* (AE Eaton, 1873) : PA (Recorded for Denmark by P Wiberg-Larsen, 1985, Entomol Meddr 53: 43)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, Lauterbornia 56: 155-167

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Phrixocoma forcipata* AE Eaton, 1873

*Hydroptila forcipata nuda* K Eidel, 1949 (

~*forcipata* (AE Eaton, 1873, Tr ent Soc London p 130, 135, 150, pl 3 f 3-3c), *Phrixocoma*)

*Hydroptila fortunata* KJ Morton, 1893 (Diagnostic characters provided by L Botosaneanu, 2003, Bulletin de la Societe Entomologique de France 108(1): 107

*Hydroptila espada* H Malicky is not a synonym of *Hydroptila fortunata* KJ Morton according to H

Malicky, 2005, Linzer biol Beitr 37(1): 544 Spain (Canary Islands))  
*Hydroptila fowlesi* SC Harris & JL Sykora, 1996 : NA (United States of America)  
*Hydroptila friedeli* H Malicky, 1972 (Listed from northwestern Turkey as "*Hydroptila friedli*" by F Sipahiler, 2007, Braueria 34: 38 Turkey)  
*Hydroptila fuentaldeala* F Schmid, 1952 (Spain)  
*Hydroptila fuentelarbola* F Schmid, 1952 (Spain)  
*Hydroptila furcata* (AV Martynov, 1935) : OL (India)  
*Oxydroptila furcata* AV Martynov, 1935  
*Hydroptila furcilla* L Yang & Y Xue, 1994 : OL (China (Anhui))  
*Hydroptila furcula* A Wells, 1984 : AU (New Guinea)  
*Hydroptila furtiva* J Bueno-Soria, 1984 : NT (Mexico (Oaxaca))  
*Hydroptila fuscina* SC Harris, 1985 : NA (United States of America)  
*Hydroptila gandhara* F Schmid, 1960 : OL (Pakistan)  
*Hydroptila gapdoi* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Vietnam, Indonesia (Sumatra), and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Vietnam)

Syn.: *Hydroptila acrodonta* YG Xue & LF Yang, 1990  
*Hydroptila gaya* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Vietnam and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1024 Vietnam)

*Hydroptila giama* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Vietnam and China (Zhejiang) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023 Vietnam)

*Hydroptila gingoog* A Wells & W Mey, 2002 : OL (Philippines)  
*Hydroptila giudicellorum* L Botosaneanu, 1980 (France)  
*Hydroptila grandiosa* HH Ross, 1938 : NA (United States of America)  
*Hydroptila grenadensis* OS Flint, 1968 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Grenada)

Syn.: *Hydroptila acutissima* L Botosaneanu, 1993  
*Hydroptila grucheti* G Marlier & M Marlier, 1982 : AT (Male redescribed by L Botosaneanu, 2002, Proc Internatn Symp Trich 10: 326-327, f 3-6 Reunion)  
*Hydroptila gunda* LJ Milne, 1936 : NA (United States of America)

Syn.: *Hydroptila dodgei* DG Denning, 1947  
*Hydroptila gurdi* A Wells, 1990 : OL (Male, female, larva, pupa, case described originally, near *Hydroptila occulta* (Eaton) and *Hydroptila martini* Marshall Holotype--Male; INDONESIA: Indonesia Utara, Dumoga-Bone National Park, Tumpah R and tributary junction, 26-v-1985, light trap, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Hydroptila halus* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))  
*Hydroptila hamata* KJ Morton, 1905 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Hydroptila hamiltoni* SC Harris, 2002 : NA (Male described originally Holotype--Male; United States

of America: Florida, Okaloosa County, Rogue Creek, 0.6 km S Base Rd 232, Eglin Air Force Base, 30°33'19"N, 86°34'51"W, 21 May 1998, M Pescador and A Rasmussen; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America (Florida))

*Hydroptila hamistyla* Y Xue & H Wang, 1995 (China (Henan))

*Hydroptila harpeodes* L Yang & Y Xue, 1994 : OL (China (Fujian))

*Hydroptila helicina* OS Flint, 1991 : NT (Colombia)

*Hydroptila helmali* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Hydroptila hirsuta* A Wells & W Mey, 2002 : OL (Philippines)

*Hydroptila hochyangha* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Hydroptila hodkovae* P Chvojka, 2006 (Male described originally in the *Hydroptila oculata* Group near *Hydroptila fonsorontina* L Botosaneanu & Moubayed and *Hydroptila ernstreichli* H Malicky

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Holotype--Male; IRAN: Khuzestan Province, 10 km SW Izeh (at light), 31°45'N, 49°48'E, 880 m asl, 12-x-1998, P Chvojka leg; deposited in the Department of Entomology, National Museum Praha, Czech Republic Iran)

*Hydroptila hoffmannae* J Bueno-Soria & S Santiago de Frago, 1996 : NT (Mexico (Veracruz))

*Hydroptila holzenthali* JL Sykora & SC Harris, 1994 : NA (United States of America)

*Hydroptila homochitta* SC Harris & JL Sykora, 1996 : NA (United States of America)

*Hydroptila howelli* RE Houpp, KH Houpp, & SC Harris, 1998 : NA (United States of America)

*Hydroptila hubenovi* K Kumanski, 1990 (Male and female described originally Holotype--Male; NORTH KOREA: Province Kangwon, Kumgang Mts, the foothills near the hotel Go-song and Ondzong vill (ca 50 masl), stony stream, hyporhithral-epipotamal zone, 2-3-x-1978, mostly at light, K Kumanski; in alcohol; deposited in the National Natural History Museum, Sofia, Bulgaria Korean People's Democratic Republic)

*Hydroptila hyllos* H Malicky, 2004 : OL (Male described originally near *Hydroptila occulta* AE Eaton

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Lichtfang an der Leinwand beim Lager 1, 23-ii-5-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila icona* ME Mosely, 1937 : NA, NT (Flight period, voltinism by DC Houghton & KW Stewart, 1998, Entomol News 109(2): 103-109

Male redescribed, first records for Costa Rica and Nicaragua by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 38, 42, f 15, 30

Reported from Hawaii and female described by OS Flint, RA Englund, & B Kumashiro, 2003, Bishop Mus Occas Papers 73: 33-34, f 9-10

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 Mexico (Chaipas))

*Hydroptila idifix* H Malicky, 1979 (Portugal)

*Hydroptila incertula* ME Mosely, 1934 : AU, OL (Male and female redescribed by A Wells, 1990, Invertebr Taxon 3(4): 385-387, f 48-51, 110 Australia)

*Hydroptila inornata* OS Flint, 1991 : NT (Colombia)

*Hydroptila insubrica* F Ris, 1903 (Switzerland)

*Hydroptila ion* H Malicky, 2004 : OL (Male described originally near *Hydroptila bellona* H Malicky

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264  
Holotype--Male; NEPAL: Kyuban Khola, 14-iii-2003; deposited in the collection of H Malicky, Lunz  
am See, Austria Nepal)

*Hydroptila isabellae* FM Gibon, 1987 : AT (Ivory Coast)

*Hydroptila itoi* M Kobayashi, 1977 (Reported from Russia (Sakhalin) by TI Arefina, 2002, Far Eastern  
Entomologist 112: 8 Japan)

*Hydroptila ivisa* H Malicky, 1972 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria  
35: 11-20 Austria)

*Hydroptila jackmanni* RL Blickle, 1963 : NA (United States of America)

*Hydroptila jaruma* A Wells, 1990 : OL (Male described originally, near *Hydroptila sinuosa* A Wells or  
perhaps to *Hydroptila obscura* A Wells and *Hydroptila terbeli* A Wells, in the *Hydroptila losida* Group  
Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Site 6, 10-ii-1985, light  
trap, JD Holloway; deposited in The Natural History Museum, London, United Kingdom Indonesia  
(Sulawesi))

*Hydroptila jeanae* FM Gibon, 1987 : AT (Ivory Coast)

*Hydroptila juba* (G Enderlein, 1929) (A synonym of *Hydroptila fortunata* KJ Morton according to O  
Nybom, 1948, Comment biol (8) 14: 5)

Distinct species according to L Botosaneanu, 2003, Bulletin de la Societe Entomologique de France  
108(1): 107

Occurs in the Canary Islands and in Portugal according to H Malicky, 1988, Trichoptera Newsletter 15:  
23 Spain (Canary Islands))

*Hydropneuma juba* G Enderlein, 1929

Syn.: *Hydroptila espada* H Malicky, 1981

*Hydroptila judithae* FM Gibon, 1987 : AT (Guinea)

*Hydroptila juram* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the  
*Hydroptila sparsa* Group near *Hydroptila bispina* DE Kimmins and *Hydroptila sudip* A Wells & J  
Huisman Holotype--Male; MALAYSIA: Pahang, Merapoh, Taman Negara, Kuala Juram, 04\*38'N,  
102\*07'E, 75-150 m, 10-12-iii-1999, leg Trilar & Prosenc; deposited in the H Malicky Collection,  
Lunz am See, Austria Malaysia)

*Hydroptila kairos* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264  
Holotype--Male; NEPAL: oesterlichen Bach beim Lager 2, 11-iii-2003; deposited in the collection of  
H Malicky, Lunz am See, Austria Nepal)

*Hydroptila kakidaensis* T Nozaki & K Tanida, 2007 (Male and female described originally near  
*Hydroptila botosaneanui* K Kumanski

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, Zootaxa 2801: 19-20,  
f 11, 14F Holotype--Male; JAPAN: [Shizuoka Prefecture, central Honshu] collected by the trap, 15-29-  
ix-2002, T Nozaki; in alcohol; deposited in the Natural History Museum and Institute, Chiba, Japan  
Japan)

*Hydroptila kalchas* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Nepal and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr  
39(2): 1023 Holotype--Male; NEPAL: oesterlichen Bach beim Lager 2, 11-iii-2003; deposited in the  
collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila kalonichtis* H Malicky, 1972 (Distinct from closely related *Hydroptila vichtaspa* F Schmid,  
1959, according to H Malicky, 2005, Linzer biol Beitr 37(1): 545 Greece)

Syn.: *Hydroptila bureschi* K Kumanski, 1972

*Hydroptila kaschgari* W Mey, 1993 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W  
Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 China (Xinjiang))

*Hydroptila kebawah* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila keres* H Malicky, 2004 : OL (Male described originally in the *Hydroptila sparsa* J Curtis

## Group

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Nepal and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023 Holotype--Male; NEPAL: Budha Khola 26-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila kieneri* G Marlier & M Marlier, 1982 : AT (Male redescribed by L Botosaneanu, 2002, Proc Internatn Symp Trich 10: 328, f 11-13 Reunion)

*Hydroptila kirilawela* (F Schmid, 1958) : OL (Sri Lanka)

*Oxydroptila kirilawela* F Schmid, 1958

*Hydroptila klapperichi* H Malicky, 1996 (Jordan)

*Hydroptila koropa* A Wells, 1984 : AU (New Guinea)

*Hydroptila koryaki* SC Harris & JL Sykora, 1996 : NA (United States of America)

*Hydroptila kreusa* H Malicky, 2004 : OL (Male described originally near *Hydroptila sanghala* F Schmid

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Kyuban Khola, 8-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila kuehnei* RE Houp, KH Houp, & SC Harris, 1998 : NA (United States of America)

*Hydroptila kurukepitiya* F Schmid, 1958 : OL (Sri Lanka)

*Hydroptila lacandona* J Bueno-Soria, 1984 : NT (Mexico (Chiapas))

*Hydroptila lagoi* SC Harris, 1985 : NA (United States of America)

*Hydroptila laloka* A Wells, 1991 : AU (Papua New Guinea)

*Hydroptila latifilis* L Zhou, CH Sun, & LF Yang, 2009 : OL (Male described originally near *Hydroptila reducta* LF Yang & Y Xue Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Zhuang Autonomous Region, Shangsi City, Nalin He, tributary of Mingjiang He, 2.0 km NW of main entrance to Shiwandashan National Forest Park (21°51'n, 107°53'E), alt 281 m, 5 June 2004, coll JC Morse, CH Sun; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Hydroptila latosa* HH Ross, 1947 : NA (United States of America)

*Hydroptila lennoxii* RL Blickle, 1969 : NA (United States of America)

*Hydroptila lenora* RL Blickle & DG Denning, 1977 : NA (United States of America)

*Hydroptila libanica* A Dia & L Botosaneanu, 1983 (Lebanon)

*Hydroptila licina* KS Frazer & SC Harris, 1991 : NA (United States of America)

*Hydroptila lidah* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila lingigi* W Mey, 1998 : OL (Male described originally as sister species of *Hydroptila bengkokae* A Wells Holotype--Male; Philippines: Mindanao, Surigao del Sur, Lingig, 28-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Mindanao))

*Hydroptila lloganae* RL Blickle, 1961 : NA (Male genitalia re-illustrated by DA Etnier & JT Baxter, Jr, 1999, Entomol News 110(3): 147-150 United States of America)

Syn.: *Hydroptila morsei* JL Sykora & SC Harris, 1994

*Hydroptila lonchera* RL Blickle & WJ Morse, 1954 : NA (United States of America)

*Hydroptila longifilis* L Yang & Y Xue, 1994 : OL (China (Sichuan))

*Hydroptila longissimus* J Bueno-Soria, 1984 : NT (Mexico (Guerrero))

*Hydroptila losida* ME Mosely, 1953 : AU (Australia)

*Hydroptila lotensis* ME Mosely, 1930 (Biology, distribution by T Peissner, KJ Maier, & B Kappus, 1998, Lauterbornia 34: 169-173

First record for Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, Acta Entomol Sloven 8(1): 43-48

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Belgium by G Coppa, 2003 ("2001"), Ephemera 3(2): 94

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, Lauterbornia 56: 155-167

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Hydroptila luzonensis* W Mey, 2003 : OL (Male described originally near *Hydroptila gingoog* A Wells & W Mey, 2002, and *Hydroptila begap* A Wells & Jo Huisman, 1992; Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, Agos River, at light, 10-iv-1997, W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))  
*Hydroptila lyaaios* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264  
Holotype--Male; NEPAL: Ratomate Khola, 9-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila maculata* N Banks, 1904 : NA (United States of America)

Syn.: *Hydroptila transversa* N Banks, 1907

*Hydroptila maetalai* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Mae Talai (Sued), 19°16'N, 098°37'E, 400 m, 13-xii-1997, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila makaplag* A Wells & W Mey, 2002 : OL (Philippines)

*Hydroptila manavgatensis* H Malicky & F Cakin, 1983 (Turkey)

*Hydroptila maoae* FM Gibon, W Guenda, & B Coulibaly, 1994 : AT (Burkina Faso)

*Hydroptila mariatheresae* FM Gibon, 1987 : AT (Mali)

*Hydroptila maritza* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila martini* JE Marshall, 1977 (First record for Denmark and northwest Europe by P Wiberg-Larsen & P Holm, 1999, Entomol Meddel 67(4): 123-136

First record for Germany by M Hohman, 1999, Lauterbornia 36: 33-40

Female redescribed, compared with other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), Ephemera 6(2): 125-133, f 5

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Male and female redescribed, reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 62-64, f 2-3 United Kingdom)

Syn.: *Hydroptila occulta sensu aucttorum nec Eaton* , 1979

*Hydroptila martorelli* OS Flint, 1964 : NT (PuertoRica)

*Hydroptila maza* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila mazumbaiensis* A Wells & T Andersen, 1995 : AT (Tanzania)

*Hydroptila medinai* OS Flint, 1964 : NT (Male and female described originally

Known from Puerto Rico, Cuba, Haiti, and Dominican Republic (El Seibo, La Altagracia, Pedernales, Puerto Plata) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 31-32 Puerto Rico)

*Hydroptila melia* HH Ross, 1938 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Hydroptila mendli* H Malicky, 1980 (Morocco)

*Hydroptila mendli levanti* L Botosaneanu, 1984 (

~mendli H Malicky, 1980, Z Arbeitsgem oest Ent 32(1-2): 7, figs

subspecies of *Hydroptila mendli* H Malicky according to L Botosaneanu, 1992, Levant Palestina, Insecta 6: XX?)

*Hydroptila meralda* ME Mosely, 1937 : NA, NT (Male redescribed, first record for Costa Rica by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 42, f 16

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Hydroptila metoeca* RL Blickle & WJ Morse, 1954 : NA (United States of America)

*Hydroptila metteei* SC Harris, 1991 : NA (United States of America)

*Hydroptila mexicana* ME Mosely, 1937 : NT (Male redescribed, first Costa Rica record by SC Harris

& RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 42, 45, f 17

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Hydroptila micropotamis* SC Harris, 1989 : NA (United States of America)

*Hydroptila misolha* J Bueno-Soria, 1984 : NT (Male redescribed, first Costa Rican record by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 45, f 18]

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Hydroptila mitirigalla* F Schmid, 1958 : OL (Sri Lanka)

*Hydroptila modica* ME Mosely, 1937 : NA, NT (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Chiapas))

*Hydroptila mokowu* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))

*Hydroptila molione* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 XXXXX)

*Hydroptila molsonae* RL Blickle, 1961 : NA (United States of America)

*Hydroptila montatan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila occulta* Group near *Hydroptila skylla* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Doi Suthep National Park, Montatan Waterfall, 18\*49'N, 098\*55'E, 550 m, 8-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila morogorensis* A Wells & T Andersen, 1995 : AT (Tanzania)

*Hydroptila morpheus* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Budhi Khola, 26-ii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila moselyi* G Ulmer, 1932 (China (Beijing))

*Hydroptila mugla* F Sipahiler, 1989 (Turkey)

*Hydroptila namcattien* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila occulta* Group near *Hydroptila gaya* J Olah and *Hydroptila morpheus* H Malicky Holotype--Male; VIETNAM: Nam Cat Tien, 11\*26'N, 107\*26'E, 200 m, 17-25-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Hydroptila nanseiensis* T Ito, 2011 : OL (Male and female described originally near *Hydroptila sidong* J Olah Holotype--Male; JAPAN: Yaeyama Islands, Okinawa, Ishigaki-jima, Omoto-dake, 24\*25'N, 124\*11'E, 80 m, 18-19-iii-2002, I Oshima et al, L; CBM-ZI 145412; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Hydroptila narifer* OS Flint, 1991 : NT (Colombia)

*Hydroptila nasuli* A Wells & W Mey, 2002 : OL (Reported from Philippines (Mindanao, Sibuyan) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1024

Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines (Mindanao))

*Hydroptila neoleonensis* J Bueno-Soria, 1984 : NA (Mexico (Nuevo Leon))

*Hydroptila ngaythibaya* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

*Hydroptila nicoli* HH Ross, 1941 : NA (Canada)

*Hydroptila nigrovalvata* W Mey, 2003 : OL (Male described originally in the *Hydroptila puchricornis* Group Holotype--Male; Philippines: Luzon, Laguna, Pangil, at light, 11-iv-1997, W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))



*Hydroptila novicola* RL Blicke & WJ Morse, 1954 : NA (Recollected, more abundant than previously thought in Minnesota by DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 United States of America)

*Hydroptila nusagandia* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila oakmulgeensis* SC Harris, 1985 : NA (United States of America)

*Hydroptila obscura* A Wells, 1978 : AU, OL (Homonym of *Hydroptila obscura* F Kolenati, 1848, Gen Spec Trich 1: 35, 106, Italy (Sicily))

Male, female, larva, pupa, case, biology described by A Wells, 1990, Invertebr Taxon 3(4): 382-384, f 38-42, 111

Reported from Indonesia (Sulawesi), Malaysia (Sabah), Philippines (Busuanga, Mindanao, Negros, Sibuyan), New Guinea, and Australia (Queensland) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from Australia, Indonesia (New Guinea, Sulawesi), "Borneo," The Philippines (Busuanga, Mindanao, Negros, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Australia)

Syn.: *Hydroptila explicata* A Wells, 1984

*Hydroptila occulta* (AE Eaton, 1873) : PA (Reported from Iran by A Mirmoayed & H Malicky, 2002, Zoology in the Middle East 26: 163-168)

Male and female redescribed, compared with other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), Ephemera 6(2): 125-133, f 1, 5

Reported from Germany (Bavaria) by A Weinzierl, M Hess, & U Heckes, 2005, Lauterbornia 54: 45-52

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Phrixocoma occulta* AE Eaton, 1873

Syn.: *Hydroptila insignis* AV Martynov, 1927

Syn.: *Hydroptila kimminsi* ME Mosely, 1930

Syn.: *Hydroptila parthava* F Schmid, 1959

*Hydroptila oemeruenei* F Sipahiler, 2003 (Male described originally)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Holotype -- Male: Turkey, Kastamonu, Pinarbasi, Varla Mahallesi, Devrekani Kanyonlu, Devrekani Deresi, (41°36'N, 33°54'E), 16-7-1994, leg and coll Sipahiler Turkey)

*Hydroptila ogasawaraensis* T Ito, 2011 (Male described originally near *Hydroptila chinensis* YG Xue & LF Yang Holotype--Male; JAPAN: Ogasawara Islands, Chichi-jima, Ogasawara-mura, a headwater of Yasse-gawa, 27°03'55"N, 142°13'08"E, 210 m, 19-ii-2006, K Satake, L; CBM-ZI 145408; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Hydroptila ogurani* M Kobayashi, 1974 (Distributed in Japan (Hokkaido, Honshu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255)

Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, Zootaxa 2801: 8, 10-11, f 5, 14C Japan)

*Hydroptila okaloosa* SC Harris, 2002 : NA (Male described originally Holotype--Male; United States of America: Florida, Okaloosa County, Rogue Creek, 0.6 km S Base Rd 232, Eglin Air Force Base, 30°33'19"N, 86°34'51"W, 21 May 1998, M Pescador and A Rasmussen; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States of America (Florida))

*Hydroptila oknos* H Malicky, 2004 : OL (Male described originally near *Hydroptila hubenovi* K Kumanski)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Holotype--Male; NEPAL: oesterlicher Bach beim Lager 2, 11-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila oneili* SC Harris, 1985 : NA (United States of America)

*Hydroptila orion* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Tung Salaeng National Park, 16\*49'N, 100\*49'E, 600 m, 15-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila ornithocephala* L Yang & Y Xue, 1992 (China(Heilongjiang))

*Hydroptila ortaca* F Sipahiler, 1989 (Turkey)

*Hydroptila osa* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila ouachita* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Hydroptila ovacikensis* F Sipahiler, 1987 (Turkey)

*Hydroptila palaestinae* L Botosaneanu & A Gasith, 1971 : AT (Israel)

*Hydroptila panchaoi* F Schmid, 1960 : OL (Pakistan)

*Hydroptila parachelops* JL Sykora & SC Harris, 1994 : NA (United States of America)

*Hydroptila paradenza* SC Harris & RW Holzenthal, 1999 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Costa Rica)

*Hydroptila parakampsis* H Malicky, 2004 : OL (Male described originally near *Hydroptila baukis* H Malicky and *Hydroptila trullata* G Ulmer)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: oesterlicher Bach beim Lager 2, 11-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila paralatosa* SC Harris, 1985 : NA (United States of America)

*Hydroptila paramoena* SC Harris, 1985 : NA (United States of America)

*Hydroptila parapiculata* L Yang & Y Xue, 1994 : OL (China (Sichuan))

*Hydroptila parastrepha* RW Kelley & SC Harris, 1983 : NA (United States of America)

*Hydroptila paschia* ME Mosely, 1937 : NA, NT (Male redescribed, first Nicaragua record by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 45, f 19, 31)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Hydroptila patriciae* SC Harris, 1985 : NA (United States of America)

*Hydroptila pecos* HH Ross, 1941 : NA (Male described originally Holotype--Male; United States of America: New Mexico, Carlsbad, along bank of Pecos River, 25 April 1939, HH & JA Ross; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America United States of America (New Mexico))

*Hydroptila pectinifera* F Schmid, 1970 (Mongolia)

*Hydroptila pedemontana* W Mey, 1995 : OL (Reported from Philippines (Mindanao, Panay, Mondoro, Sibuyan) and Taiwan by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023)

Reported from Taiwan and The Philippines (Mindoro, Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 10, 15 Philippines)

*Hydroptila penthesileia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Chiang Dao WRS [= Wildlife Sanctuary?], 19\*22'N, 98\*55'E, 500 m, 23-24-v-2005, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila perdita* KJ Morton, 1905 : NA (Larval development, feeding behavior, cases by JB Keiper & BA Foote, 1999, Proc Entomol Soc Washington 101(3): 514-521 United States of America)

*Hydroptila perimele* H Malicky, 2004 : OL (Male described originally near *Hydroptila hyllos* H Malicky)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: westlicher Bach beim Lager 2, 10-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Hydroptila phaon* H Malicky, 1976 (Male redescribed, female described, compared with *Hydroptila*

rhodica S Jacquemart, 1973, and other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), *Ephemera* 6(2): 125-133, f 3-5 Greece)

*Hydroptila phenianica* L Botosaneanu, 1970 (Reported from Russia (Khabarovsk Territory) by TI Arefina, TS Vshivkova, and JC Morse, 2002, *Proc Internatn Symp Trich* 10: 99

Distributed in Japan (Honshu, Kyushu) and Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Japan (Honshu: Nagano Prefecture), as *Hydroptila matsuii* T Kobayashi, by G Kimura, E Inoue, & K Hirabayashi, 2008, *Proceedings of the 6th International Conference on Urban Pests*, pp 259-266

Reported from Japan (Nagoya) by T Nozaki, 2010, *Nature of Irrigation Pond* 49: 22

Male and female redescribed from Japan near *Hydroptila thuna* J Olah by T Ito, A Ohkawa, T Hattori, 2011, *Zootaxa* 2801: 2--3, 5, f 1, 14A Korean People's Democratic Republic)

Syn.: *Hydroptila matsuii* M Kobayashi, 1974

*Hydroptila phoeniciae* L Botosaneanu & A Dia, 1983 (Lebanon)

*Hydroptila pintal* A Wells & J Huisman, 1992 : OL (Reported from Malaysia (Sabah), Indonesia (Sumatra, Java) and Pahang by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(2): 1023

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Malaysia (Sabah))

*Hydroptila poirrieri* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Hydroptila portunus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila occulta* Group near *Hydroptila rumpun* A Wells & J Huisman Holotype--Male; LAOS: Prov Viangchan, Phou Khao Khouay National Park, Tad Leuk, 90 km E Vientiane, 200 m, 1-8-vi-1996, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Hydroptila poseidon* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila ion* H Malicky and *Hydroptila bellona* H Malicky Holotype--Male; THAILAND: Pu Pan National Park, Kaengmoddaeng, 16\*54'N, 103\*52'E, 400 m, 18-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila potosina* J Bueno-Soria, 1984 : NA (

Reported from Hawaii and male and female re-described by OS Flint, RA Englund, & B Kumashiro, 2003, *Bishop Mus Occas Papers* 73: 31-33, f 1-8

Effects of stream diversion on density and biomass in Hawaii provided by MD McIntosh, ME Benbow, & AJ Burky, 2003, *Ann Limnol* 39(4): 297-306

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 Mexico (San Luis Potosi))

*Hydroptila priamos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Kao Soi Dao National Park, 13\*06'N, 102\*12'E, 300 m, 22-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila producta* ME Mosely, 1939 : NT (Brazil)

*Hydroptila prokris* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; TAIWAN: Taitung Co, Chulai, 23\*08'N, 121\*07'E, 370 m, 4-iv-1996, leg Sivec & Horvat; deposited in the H Malicky Collection, Lunz am See, Austria Taiwan)

*Hydroptila protera* HH Ross, 1938 : NA (United States of America)

*Hydroptila psyche* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Hydroptila giama* J Olah, *Hydroptila hubenovi* K Kumanski, *Hydroptila oknos* H Malicky, *Hydroptila sidong* J Olah, and *Hydroptila tiani* L Yang & Xue Holotype--Male; THAILAND: Doi Inthanon National Park, Mae Klang bei 960 m, 18\*32'N, 098\*34'E, 21-ii-1992, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila pulchricornis* FJ Pictet, 1834 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard,

1993, Fauna norv Ser B 40: 1-12

Reported from Hungary by S Nogradi, 2001, Folia Historico Naturalia Musei Matraensis 25: 83-90

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147 Switzerland)

*Hydroptila pulestoni* OS Flint, 1980 : NT (Argentina)

*Hydroptila pullata* DG Denning, 1948 : NA (United States of America)

*Hydroptila pyreneus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila verginia* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Loei Prov, Phu Luang Wildlife Sanctuary, 8-14-x-1984, leg Karsholt, Lomholt, & Nielsen; deposited in Zoologisches Museum, Copenhagen, Denmark Thailand)

*Hydroptila pythia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group)

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; [INDONESIA]: Sumatra, Tinggi Raja, 03\*09'N, 098\*48'E, 300 m, 19-20-iv-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Hydroptila quadrifida* A Wells, 1984 : AU (New Guinea)

*Hydroptila quinaria* A Wells & D Dudgeon, 1990 : OL (China (Hong Kong))

*Hydroptila quinola* HH Ross, 1947 : NA (Canada)

*Hydroptila rastrilla* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila recurvata* SC Harris & RW Kelley, 1984 : NA (United States of America)

*Hydroptila reducta* L Yang & Y Xue, 1994 : OL (China (Sichuan))

*Hydroptila remita* RL Blicke & WJ Morse, 1954 : NA (United States of America)

*Hydroptila rheni* F Ris, 1896 (Switzerland)

*Hydroptila rhodica* S Jacquemart, 1973 (Male redescribed, compared with *Hydroptila phaon* H Malicky, 1976, and other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), Ephemera 6(2): 125-133, f 2 Greece)

Syn.: *Hydroptila kumanskii* H Malicky, 1974

*Hydroptila roberta* SW Hamilton & RW Holzenthal, 1984 : NA (United States of America)

*Hydroptila robusta* A Wells, 1978 : AU (Australia)

*Hydroptila roma* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila ngaythibaya* J Olah Holotype--Male; THAILAND: Tung Salaeng National Park, 16\*49'N, 100\*57'E, 600 m, 15-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila rono* HH Ross, 1941 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337)

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Hydroptila ruffoi* GP Moretti, 1981 (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99)

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Hydroptila rumpun* A Wells & J Huisman, 1992 : OL (Reported from Malaysia (Peninsular) and Indonesia (Sumatra, Bali) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Hydroptila sabit* A Wells & J Huisman, 1992 : OL (Reported from Malaysia (Peninsular), Indonesia (Sumatra, Bali), and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Hydroptila salmo* HH Ross, 1941 : NA (United States of America)

*Hydroptila sandersoni* ML Mathis & DE Bowles, 1990 : NA (United States of America)  
*Hydroptila sanghala* F Schmid, 1960 : OL, PA (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Pakistan, Iran, Nepal, and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023 Pakistan)

*Hydroptila sarahae* SC Harris, 2002 : NA (Male described originally Holotype--Male; United States of America: Florida, Rogue Creek, 0.6 km S Base Rd 232, Eglin Air Force Base, 30°33'19"N, 86°34'51"W, 21 May 1998, M Pescador; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States of America (Florida))

*Hydroptila sauca* OS Flint, 1980 : NT (Argentina)

*Hydroptila scamandra* A Neboiss, 1977 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52 Holotype--Male; Australia: Tasmania, Scamander River, Upper Scamander, 9 Nov 1972; deposited in Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52) Australia (Tasmania))

*Hydroptila scheiringi* SC Harris, 1986 : NA (United States of America)

*Hydroptila scolops* HH Ross, 1938 : NA (United States of America)

*Hydroptila sederhana* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

*Hydroptila segitiga* A Wells & J Huisman, 1992 : OL (Malaysia (Peninsular))

*Hydroptila seirene* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; TAIWAN: Nantou Co, W Tatung, 24°01'N, 121°05'E, 880 m, 25-x-1996, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Taiwan)

*Hydroptila selene* H Malicky, 2008 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Hydroptila selvatica* L Botosaneanu, 1977 : NT (Cuba)

*Hydroptila sengavi* F Schmid, 1960 : OL (Pakistan)

*Hydroptila serrata* KJ Morton, 1898 (Ecology of *Hydroptila bifurcata* ME Mosely discussed by F Cianficconi, C Corallini, and F Tucciarelli, 2002, Biogeographia 23: 139-155, f 14

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Algeria)

Syn.: *Hydroptila bifurcata* ME Mosely, 1930

*Hydroptila setigera* A Wells, 1984 : AU (New Guinea)

*Hydroptila sicilicula* OS Flint & L Reyes-Arrunategui, 1991 : NT (Peru)

*Hydroptila sidong* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Vietnam and China (Zhejiang) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Male re-described, reported from China (Fujian, Guizhou, Jiangxi, Guangxi, Zhejiang) and Vietnam by L Zhou, CH Sun, & LF Yang, 2009, Acta Zootaxonomica Sinica 34(2): 356, 359, f 21-25 Vietnam)

*Hydroptila sikanda* MA Gonzalez & H Malicky, 1988 (Spain)

*Hydroptila simplex* A Nielsen, 1948 (Original description concerns a monstrous specimen according to L Botosaneanu & H Malicky, 1978, in J Illies, Limnofauna Europaea, p XX? Denmark)

*Hydroptila simulans* ME Mosely, 1920 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Misidentified by F Schmid, 1959, *Beitraege zur Entomologie* 9: 200-219, 376-412, 683-698, 760-799, so that report from Iran is in error according to A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Britain)

*Hydroptila singri* SC Harris & RW Holzenthal, 1999 : NT (Costa Rica)

*Hydroptila sinuosa* A Wells, 1978 : AU (Australia)

*Hydroptila sitahoan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila bichromata* W Mey Holotype--Male; [INDONESIA]: Sumatra, Sitahoan, 02°39'N, 099°00'E, 1500 m, 26-iv-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Hydroptila skylla* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila occulta* Group near *Hydroptila montatan* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Tung Yaw, 19°08'N, 098°39'E, 1200 m, 17-iv-1989, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila spada* OS Flint, 1991 : NT (Colombia)

*Hydroptila spangleri* J Bueno-Soria, 1984 : NT (Guatemala)

*Hydroptila sparsa* J Curtis, 1834 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, *Lauterbornia* 56: 155-167

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

Syn.: *Hydroptila brunneicornis* JF Stephens, 1836

*Hydroptila spatulata* KJ Morton, 1905 : NA (United States of America)

*Hydroptila sphinx* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila sudip* A Wells & J Huisman

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; THAILAND: Tinggi Raja, 03°09'N, 98°47'E, 350 m, 19-iv-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila spinata* RL Blickle & WJ Morse, 1954 : NA (United States of America)

*Hydroptila spinosa* TI Arefina & BJ Armitage, 2003 (Male and female redescribed from Japan by T Ito, A Ohkawa, & T Hattori, 2011, *Zootaxa* 2801: 12-13, f 7, 14D Russia (Sakhalin Island))

*Hydroptila spirula* A Wells & W Mey, 2002 : OL (Philippines)

*Hydroptila spirula* J Bueno-Soria, 1984 : NT (Mexico (Michoacan))

*Hydroptila spirulatella* W Mey, 2003 : OL (Philippines (XXX??))

Syn.: *Hydroptila spirula* A Wells & W Mey, 2002

*Hydroptila srisungwan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila thisa* J Olah Holotype--Male; THAILAND: Mae Ping bei Ban Sop O Nok, 8 km S of Chiang Dao, 19°16'N, 098°58'E, 370 m, 30-xii-1989, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila starmuehlneri* G Marlier & M Marlier, 1982 : AT (Male redescribed by L Botosaneanu, 2002, *Proc Internatn Symp Trich* 10: 327, f 7-8 Reunion)

*Hydroptila stellifera* KJ Morton, 1893 (Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Hydroptila strepha* HH Ross, 1941 : NA (Male redescribed by SC Harris & AD Huryn, 2000, *Entomol News* 111(2): 77-78, f 2 United States of America)

*Hydroptila suanhom* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Prov Loei, Ban Phangam, Suanhom Waterfall, 17°03'N, 101°46'E, 700 m, 8-v-2001, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila sudip* A Wells & J Huisman, 1992 : OL (Malaysia (Sarawak))

*Hydroptila sumanmalie* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Hydroptila surinamensis* OS Flint, 1974 : NT (Surinam)

*Hydroptila sykorai* SC Harris, 2002 : NA (Male described originally Holotype--Male; United States of America: Florida, Gadsden County, headwaters of Quincy Creek, 7 km N Quincy at Florida A & M Research & Extension Center, 30°39'27"N, 84°36'50"W, 7 june1999, A Rasmussen, emergence trap; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States of America (Florida))

*Hydroptila sylvestris* KJ Morton, 1898 (Scotland)

*Hydroptila tacheti* G Coppa & H Malicky, 2005 (Male described originally near *Hydroptila martini* JE Marshall, *Hydroptila brissaga* H Malicky, and *Hydroptila valesiaca* F Schmid, from Italy and France Holotype--Male; ITALY: Friuli, Cornino 180 m, fiume Taglimento, 3-ix-1997, leg H Deutsch; deposited in the collection of H Malicky, Lunz am See, Austria Italy)  
*Hydroptila tagus* D Garcia de Jalon & MA Gonzalez, 1985 (Spain)  
*Hydroptila takamaka* G Marlier & M Marlier, 1982 : AT (Male redescribed by L Botosaneanu, 2002, Proc Internatn Symp Trich 10: 328, f 9-10 Reunion)  
*Hydroptila talladega* SC Harris, 1985 : NA (United States of America)  
*Hydroptila tanduka* A Wells, 1990 : OL (Male and female described originally, near *Hydroptila gurdi* A Wells Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Edwards Camp near Tumpah R, 22-v-1985, UV light, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))  
*Hydroptila tannerorum* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Hydroptila tasmanica* ME Mosely, 1934 : AU (Holotype--Male; Australia: Tasmania, Wilmot, 9 Jan 1917; deposited in The Natural History Museum, London, United Kingdom Australia (Tasmania))  
*Hydroptila taurica* AV Martynov, 1934 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Female redescribed, compared with other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), Ephemera 6(2): 125-133, f 5

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Ukraine)

*Hydroptila terbeli* A Wells, 1990 : OL (Male, female, larva, pupa described originally, near *Hydroptila obscura* A Wells Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Toraut R, 200 m above Tumpah R junction, 2-v-1985, light trap, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Hydroptila tethys* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Hydroptila dayung* A Wells & J Huisman Holotype--Male; THAILAND: Tham Than Lod National Park, 14\*46'N, 099\*20'E, 500 m, 5-iv-1989, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila thaphena* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

*Hydroptila tharsis* H Malicky, 2008 : OL (Male described originally near *Hydroptila thisa* J Olah Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Hydroptila theano* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Huai Huat National Park, 16\*55'N, 104\*11'E, 400 m, 19-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila theiodamas* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; [INDONESIA]: Sumatra, Sitahoan, 02\*39'N, 099\*00'E, 1500 m, 26-iv-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Hydroptila thersandros* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila trullata* G Ulmer Holotype--Male; THAILAND: Putoei National Park, Ban Juai Hindam, 14\*57'N, 099\*25'E, 400 m, 26-iv-2001, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila thiba* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

*Hydroptila thisa* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

*Hydroptila thisbe* H Malicky, 2008 : OL (Male described originally near *Hydroptila tharsis* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 20-vi-2000, B0911PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Hydroptila thuna* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Reported from Vietnam, Indonesia (Sumatra), China (Hong Kong, Jiangsu), Nepal, Laos, Taiwan, and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male and female redescribed from Japan near *Hydroptila phenianica* L Botosaneanu by T Ito, A Ohkawa, T Hattori, 2011, Zootaxa 2801: 5, f 2, 14A Vietnam)

Syn.: *Hydroptila apiculata* L Yang & Y Xue, 1992

Syn.: *Hydroptila molione* H Malicky, 2004

Syn.: *Hydroptila triangularis* A Wells & D Dudgeon, 1990

*Hydroptila tiani* L Yang & Y Xue, 1992 : OL (China (Anhui))

*Hydroptila tigurina* F Ris, 1894 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Switzerland)

*Hydroptila tineoides* JW Dalman, 1819 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 13

Reported from southwestern Hungary by S Nogradi & A Uherkovich, 2002, Somogyi Muzeumok Kozlomenyei 15, Supplement Termeszettudomány: 129-144

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Diurnal dynamics of emergence in far northern Russia (Kola Peninsula) discussed by IA Baryshev, 2008, Russian Journal of Ecology 39(5): 379-381

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

Syn.: *Hydroptila longispina* R McLachlan, 1884

Syn.: *Phrixocoma femoralis* AE Eaton, 1873

*Hydroptila tobaga* L Botosaneanu, 1993 : NT (Tobago)

*Hydroptila tomah* SC Harris & AD Hury : NA (Male described originally near *Hydroptila strepha* Ross Holotype--Male; UNITED STATES OF AMERICA: Maine, Washington County, Tomah Stream at floodplain, 45°28.28'N, 67°35.58'W, 1-2 July 1997, A Hury; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Hydroptila tombolhitam* A Wells & H Malicky, 1997 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydroptila tong* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra, Bali) by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on



Trichoptera 12: 175-179 Indonesia (Sumatra))

*Hydroptila tortosa* HH Ross, 1938 : NA (United States of America)

*Hydroptila touroumaya* F Schmid, 1960 : OL (Pakistan)

*Hydroptila traunica* A Wells, 1991 : AU (Papua New Guinea)

*Hydroptila triangula* YG Xue & LF Yang, 1990 (Male described originally Holotype--Male; China: Henan, Linxian Qihe, 27-VIII-1988, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Henan))

*Hydroptila tridentata* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Hydroptila triloba* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Hydroptila trilobata* S Jacquemart, 1965 (Turkey)

*Hydroptila trullata* (G Ulmer, 1951) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 797-798, pl 2

Reported from Indonesia (Sumatra, Java) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1023

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Sumatranotrichia trullata* G Ulmer, 1951

*Hydroptila tumpul* A Wells & J Huisman, 1992 : OL (Malaysia (Peninsular))

*Hydroptila tungsalaeng* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila venus* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 14°22'N, 099°08'E, 200 m, 22-23-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila tusculum* HH Ross, 1947 : NA (United States of America)

*Hydroptila uncinata* KJ Morton, 1893 (Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Hydroptila unicuspis* OS Flint, 1991 : NT (Colombia)

*Hydroptila upulmalie* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Hydroptila usambarensis* A Wells & T Andersen, 1995 : AT (Tanzania)

*Hydroptila vala* HH Ross, 1938 : NA (United States of America)

*Hydroptila valesiaca* F Schmid, 1947 (Female redescribed, compared with other species of *Hydroptila occulta* Group by G Coppa & H Tachet, 2005("2004"), Ephemera 6(2): 125-133, f 5

Reported from Germany (Bavaria) by A Weinzierl, M Hess, & U Heckes, 2005, Lauterbornia 54: 45-52 Switzerland)

*Hydroptila valhalla* DG Denning, 1947 : NA (United States of America)

*Hydroptila varla* F Sipahiler, 1996 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Turkey)

*Hydroptila vazquezae* J Bueno-Soria, 1984 : NT (Mexico (Chiapas))

*Hydroptila vectis* J Curtis, 1834 : OL, PA (Male re-illustrated, compared with *Hydroptila corsicana* ME Mosely by H Malicky, 2005, Linzer biol Beitr 37(1): f 1

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Hydroptila maclachlani* F Klapalek, 1891

*Hydroptila venezuelensis* OS Flint, 1981 : NT (Venezuela)

*Hydroptila venus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group near *Hydroptila tungsalaeng* H Malicky & P Chantaramongkol Holotype--Male; MALAYSIA: Perak, Belum exp base camp, 05°30'N, 101°26'E, 250 m, 21-iii-14-iv-1004 [= 2004?], leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia)

*Hydroptila veracruzensis* OS Flint, 1967 : NA, NT (Male redescribed by SC Harris & RW Holzenthal, 1999, Stud Neotrop Fauna & Environm 34: 45, 51, f 20)

Recorded from Venezuela (Margarita) by L Botosaneanu & AL Vilorio, 2002, Mitt Mus Nat-kd Berl, Dtsch Entomol Z 49: 106

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Veracruz))

*Hydroptila virginia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; THAILAND: Erawan National Park, 14°22'N, 099°08'E, 200 m, 22-23-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila verticordia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Hydroptila crenata* G Ulmer)

Male re-described, reported from China (Mt. Julian) and Tailand by L Zhou, CH Sun, & LF Yang, 2009, Acta Zootaxonomica Sinica 34(2): 357, 359, f 26-30 Holotype--Male; THAILAND: Jaeson National Park, 18°46'N, 099°28'E, 500 m, 25-26-v-2005, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Hydroptila vichtaspa* F Schmid, 1959 (Distinct from closely related *Hydroptila kalonichtis* H Malicky, 1972, according to H Malicky, 2005, Linzer biol Beitr 37(1): 545)

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Czech Republic by P Chvojka & P Komzak, 2008, Ferrantia 55: 11-21 Iran)

*Hydroptila victoria* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; TAIWAN: Pinglung Co, E Shihtzu, 22°14'N, 120°49'E, 370 m, 3-iv-1996, Sivec & Horvat; deposited in the H Malicky Collection, Lunz am See, Austria Taiwan)

*Hydroptila viganoi* L Botosaneanu, 1974 (Israel)

*Hydroptila vilaverde* H Malicky & MA Gonzalez, 1981 (Spain)

*Hydroptila virgata* HH Ross, 1938 : NA (United States of America)

*Hydroptila vittata* A Wells, 1984 : AU (New Guinea)

*Hydroptila voticia* H Malicky, 1992 : AT (Comore Island)

*Hydroptila wakulla* DG Denning, 1947 : NA (United States of America)

*Hydroptila warisa* A Wells, 1984 : AU (Indonesia (Irian Jaya))

*Hydroptila waskesia* HH Ross, 1944 : NA (Canada)

*Hydroptila waubesiana* C Betten, 1934 : NA (

Algal food preferences, effects on survival & development by JB Keiper, DA Casamatta, & BA Foote, 1998, Hydrobiologia 380: 87-91

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Hydroptila wetumpka* SC Harris, 1991 : NA (United States of America)

*Hydroptila wuchangensis* S Wang, 1963 : OL (Male and larva described originally near *Hydroptila pulchricornis* FJ Pictet, illustrations are only of larva Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Hubei Province, Wuhan, Lake Tunghu China (Hubei))

*Hydroptila wyomia* DG Denning, 1948 : NA (United States of America)

*Hydroptila xella* HH Ross, 1941 : NA (United States of America)

*Hydroptila xera* HH Ross, 1938 : NA (United States of America)

*Hydroptila xoncla* HH Ross, 1941 : NA (Canada)

*Hydroptila zairiensis* B Statzner, 1977 : AT (Democratic Republic of the Congo)

*Hydroptila zeus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Hydroptila sparsa* Group Holotype--Male; NEPAL: Chitwan National Park, Temple Tiger Lodge, 27°32'N, 084°04'E, 150 m, 18-19-iv-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Nepal)

*Hydroptila ziddensis* VD Ivanov, 1992 (Tajikistan)

***Hydroptilina* AV Martynov, 1934**

*Hydroptilina angustipennis* AV Martynov, 1934 (Russia (southeastern Siberia))

***Hydrosalpinx* KH Barnard, 1934**

*Hydrosalpinx sericea* KH Barnard, 1934 : AT (Republic of South Africa)

***Iguazu* HH Ross & EW King, 1952**

*Iguazu flavofuscum* F Schmid, 1957 : NT (Larva described from Argentina by EB Angrisano, 2001, Revista de la Sociedad Entomologica Argentina 60(1-4): 200, figs Chile)

*Iguazu ulmeri* HH Ross & EW King, 1952 : NT (Argentina)

***Ipsobiosis* A Neboiss, 1977**

*Ipsobiosis spicula* A Neboiss, 1977 : AU (Australia)

***Ironoquia* N Banks, 1916**

*Ironoquia dubia* (JF Stephens, 1837) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 226

Reported from Romania (Eastern Carpathians, Ciuc depression) by L Ujvarosi, 1999("1998"), Entomologica Romanica 3: 73-78

First record for Slovenia provided by G Urbanic, C Krusnik, MJ Toman, 2000, Acta Entomol Slovenica 8(1): 43-48

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 388, f 14 Britain)

*Anabolia (Drusus) dubia* JF Stephens, 1837

*Ironoquia kaskaskia* (HH Ross, 1944) : NA (United States of America)

*Caborius kaskaskia* HH Ross, 1944

Syn.: *Ironoquia brysoni* OS Flint, 1972

*Ironoquia lyrata* (HH Ross, 1938) : NA (United States of America)

*Caborius lyrata* HH Ross, 1938

*Ironoquia parvula* (N Banks, 1900) : NA (Distinguished from *Ironoquia plattensis* by KD Alexander & MR Whiles, 2000, Entomol News 111(1): 1-7 United States of America)

*Chaetopterygopsis parvula* N Banks, 1900

*Ironoquia plattensis* KD Alexander & MR Whiles, 2000 : NA (Distinguished from *Ironoquia parvula* by KD Alexander & MR Whiles, 2000, Entomol News 111(1): 1-7

Habitat, life history provided by MR Whiles, BS Goldowitz, & RE Charlton, 1999, j N Amer Benthol Soc 18(4): 533-544 United States of America)

*Ironoquia punctatissima* (F Walker, 1852) : NA (Canada)

*Halesus punctatissima* F Walker, 1852

***Isochorema* F Schmid, 1989**

*Isochorema curvispinum* F Schmid, 1989 : NT (Chile)

*Isochorema flintorum* F Schmid, 1989 : NT (Chile)

### ***Isogamus* F Schmid, 1955**

*Isogamus aequalis* (F Klapalek, 1907) (Carpathian Mountains)

*Anisogamus aequalis* F Klapalek, 1907

*Isogamus czarnohorensis* (J Dziedzielewicz, 1912) (Described originally as *Anisogamus aequalis czarnohorensis*)

Elevated to species by B Szczesny, 1980, *Acta zool cracov* 24(10): 467

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 (Ukraine)

*Anisogamus czarnohorensis* J Dziedzielewicz, 1912

*Isogamus lineatus* (F Klapalek, 1903) (Cited in *Isogamus* rather than *Anisogamus* by H Malicky, 2005, *Linzer biol Beitr* 37(1): 576 Austria [not in Austrian Alps but in Carpathian Mtns according to H Malicky in litt])

*Anisogamus lineatus* F Klapalek, 1903

### ***Itauara* F Mueller, 1888**

*Itauara amazonica* (OS Flint, 1971) : NT (Brazil)

*Antoptila amazonica* OS Flint, 1971

*Itauara brasiliiana* (ME Mosely, 1939) : NT (Brazil)

*Antoptila brasiliiana* ME Mosely, 1939

*Itauara guarani* (EB Angrisano, 1993) : NT (Argentina)

*Antoptila guarani* EB Angrisano, 1993

*Itauara plaumanni* (OS Flint, 1974) : NT (Brazil)

*Antoptila plaumanni* OS Flint, 1974

### ***Ithytrichia* AE Eaton, 1873**

*Ithytrichia aquila* MA Gonzalez & H Malicky, 1988 (Spain)

*Ithytrichia bosniaca* A Murgoci, N Botnariuc, & L Botosaneanu, 1948 (Ecology and distribution discussed by F Cianficconi, C Corallini, and F Tucciarelli, 2002, *Biogeographia* 23: 139-155 Bosnia)

*Ithytrichia clavata* KJ Morton, 1905 : NA (Flight period, voltinism, larval negative phototaxis by DC Houghton & KW Stewart, 1998, *Entomol News* 109(2): 103-109)

Female redescribed by SR Moulton, SC Harris, & JP Slusark, 1999, *P Entomol Soc Washington* 101(2): 233-241

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Norway by T Andersen & J Kjaerandsen, 2002, *Norw J Entomol* 49: 93-94

Reported from Germany by A Berlin, 2005, *Lauterbornia* 54: 123-124

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Arizona by Blinn & Ruitter, 2009, *Southwestern Naturalist* 54(2): 182-194 (United States of America)

Syn.: *Ithytrichia dovporiana* L Botosaneanu, 1980

*Ithytrichia ferni* PAR Martin, 2006 : NT (Argentina)

*Ithytrichia lamellaris* AE Eaton, 1873 : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12)

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

First record for Italy reported by F Cianficconi, C Corallini, & G Moretti, 1999, *P Internatn Symp Trich* 9: 55-63

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

Syn.: *Hydroptila brunneicornis* FJ Pictet, 1834

*Ithytrichia mazon* HH Ross, 1944 : NA (Female described by SR Moulton, SC Harris, & JP Slusark, 1999, *P Entomol Soc Washington* 101(2): 233-241 United States of America)

*Ithytrichia mexicana* SC Harris & A Contreras-Ramos, 1989 : NA (Female described by SR Moulton, SC Harris, & JP Slusark, 1999, *P Entomol Soc Washington* 101(2): 233-241

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Arizona by Blinn & Ruitter, 2009, *Southwestern Naturalist* 54(2): 182-194 Mexico (Tamaulipas))

### ***Jabitrichia* A Wells, 1990**

*Jabitrichia dostinei* A Wells, 1990 : AU (Male and female redescribed by J Kjaerandsen and T Andersen, 2002, *Proc Internatn Symp Trich* 10: 137-138, f 2-4, 6A-C Australia)

*Jabitrichia flagellum* (G Marlier, 1965) : AT (Transferred to *Jabitrichia* by J Kjaerandsen and T Andersen, 2002, *Proc Internatn Symp Trich* 10: 141, 143 Angola)

*Orthotrichia flagellum* G Marlier, 1965

*Jabitrichia voltensis* J Kjaerandsen and T Andersen, 2002 : AT (male described originally Holotype--Male; Ghana, eastern region, Volta River, Kpong, light trap, 28-xi-1993, NUFU-project Ghono (slide, ZMBN type no: 237); deposited in the Museum of Zoology, University of Bergen, Norway Ghana)

*Jabitrichia wellsae* JP O'Connor and P Ashe, 1992 : OL (Male redescribed by J Kjaerandsen and T Andersen, 2002, *Proc Internatn Symp Trich* 10: 138, f 5, 6D-F

Reported also from Thailand by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(2): 1024 Holotype--Male; MALAYSIA: West Malaya, Tasek Bera, 03\*08'N 102\*36'E, 23-28-xi-1985, P Ashe; deposited in the National Museum of Ireland, Dublin, Ireland Malaysia (Pahang State))

### ***Kambaitipsyche* H Malicky, 1992**

*Kambaitipsyche hykrion* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Kambaitipsyche schmidi* H Malicky, 1992 : OL (Myanmar)

### ***Kelgena* W Mey, 1979**

*Kelgena kelensis* (AV Martynov, 1926) (Distinguished from *Kelgena macahelensis* by F Sipahiler, 1999, *Aquatic Ins* 21(1): 115-125 Georgia)

*Chaetopterygella kelensis* AV Martynov, 1926

*Kelgena macahelensis* F Sipahiler, 1999 (Turkey)

*Kelgena minima* W Mey, 1979 (Russia (Caucasus))

Syn.: *Psilopterygopsis martynovi* K Kumanski, 1980

### ***Kholaptila* H Malicky & P Chantaramongkol, 2007**

*Kholaptila serrata* H Malicky & P Chantaramongkol, 2007 : OL (Holotype--Male; NEPAL: Dakhi Khola bei Kurin Gihat, 27\*52'N, 084\*38'E, 300 m, 17-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

### ***Kisaura* HH Ross, 1956**

*Kisaura acirtemisa* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)

*Dolophilodes acirtemisa* H Malicky & P Chantaramongkol, 1993

*Kisaura adamickai* CH Sun & H Malicky, 2002 (Male described originally Holotype--Male; China: Gansu Province, Wen County, 33,3N, 104,6E, Dianba, Dongou Brook, 950 m, 15-VI-1998, light trap, collected by YANG Lianfang; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Gansu))

*Kisaura alveiformis* CH Sun, 2007 : OL (Male described originally near *Kisaura longispina* (DE Kimmins) Holotype--Male; CHINA: Sichuan Province, 10 km west of Yajiang City (30.03°N, 101°E), branch of Yalongjiang River, elev 2,830 m, light trap, 14-vi-1996, collected by YANG Lian-fang and WANG Xin-hua; deposited in the insect collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Kisaura aurascens* (AV Martynov, 1934) (Male redescribed and status reviewed as *Dolophilodes* (*Kisaura*) *kisoensis* by N Kuhara, 1999, P Internatn Symp of Trich 9: 177, 178 Russia (southern Far East))

*Dolophilodes aurascens* AV Martynov, 1934

Syn.: *Dolophilodes hapirensis* L Botosaneanu, 1970

Syn.: *Dolophilodes kisoensis* M Tsuda, 1939

*Kisaura borealis* (N Kuhara, 1999) (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 16 Japan (Hokkaido))

*Dolophilodes (Kisaura) borealis* N Kuhara, 1999

*Kisaura cailona* J Olah & H Malicky, 2010 : OL (Male described originally near *Kisaura pectinata* (Ross) Holotype--Male; VIETNAM: Lam Dong Province, Baoloc, Duchma Stream, 23-x-1988, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Kisaura cina* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)

*Dolophilodes cina* H Malicky & P Chantaramongkol, 1993

*Kisaura consagia* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)

*Dolophilodes consagia* H Malicky & P Chantaramongkol, 1993

*Kisaura dichotoma* N Kuhara & TI Arefina, 2004 (Male and female described originally, also from the Kuril Islands Holotype--Male; Japan: Hokkaido, Oshima, Shiriuchi-cho, 8-13-VII-1976, T Kumata; pinned; deposited in the Laboratory of Systematic Entomology, Hokkaido University, Sapporo, Japan Japan (Hokkaido))

*Kisaura eteokles* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, 460 m, 30°18'N, 119°26'E, 30-V-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Kisaura euandros* CH Sun & H Malicky, 2002 (Male described originally

Reported from China (Henan) and Vietnam J Olah & H Malicky, 2010, Braueria 37: 14 Holotype--Male; China: Henan Province, 1 km S Long Yu Wan, 1000 m, 33°38'N, 111°46'E, 23-V-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Henan))

*Kisaura eumaios* CH Sun & H Malicky, 2002 (Male described originally Holotype--Male; China: Henan Province, Luoshan County, Lingshan Mt, 300-500 m, 31°54'N, 114°13'E, 25-V-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Henan))

*Kisaura euphemos* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Sichuan Province, Emeishan, Qingyin Pavilion, Jingshui, 180 km SW Chengdu, 800-1200 m, 26-V-1981, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Sichuan))

*Kisaura fansipana* J Olah & H Malicky, 2010 : OL (Male described originally near *Kisaura alveiformis* CH Sun Holotype--Male; VIETNAM: Lao Cai Province, Sa Pa, 1800 m, 04-iii-2006, light, Z Ecsedi and J Olah Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Kisaura filiformis* W Mey, 1996 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Kisaura hattorii* (N Kuhara, 1999) (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52 Japan (Hokkaido))

*Dolophilodes (Kisaura) hattorii* N Kuhara, 1999

*Kisaura imparis* JM Hur & JC Morse, 2006 (Japan)

*Kisaura inflata* C Sun, 2007 : OL (Male described originally near *Kisaura obrussa* (HH Ross)

Holotype--Male; CHINA: Guangdong Province, Jiaoloing County, Huangyoubi Nature Preserve, Guankengzi Creek, about 4.5 km beyond Reserve station (N24.75°N, 116.26°E), elev 531 m, 31-v-2004, collected by YANG Lian-fang, MORSE, ZHOU Xin, GERACI; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China (Guangdong)

*Kisaura intermedia* (DE Kimmins, 1955) : OL (Reported from Nepal as *Kisaura* cf. *intermedia* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)

*Dolophilodes intermedia* DE Kimmins, 1955

*Kisaura laban* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Doi Angkang, Royal Project, 1400 m, 19°55'N, 099°03'E, 31-i-1997; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Kisaura lanceolata* (C Sun, 1997) (China (Henan))

*Dolophilodes lanceolata* C Sun, 1997

*Kisaura longaria* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Kisaura longispina* (DE Kimmins, 1955) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Myanmar)

*Dolophilodes longispina* DE Kimmins, 1955

*Kisaura maia* H Malicky, 2007 : OL (Male described originally Holotype--Male; BHUTAN: Tsirang, Tsirang Rong Chhu, 26°59'N, 90°09'E, 1700 m, 18-iv-2006, Graf & Malicky, Lichtfallen, Bach in engem Tal mit ungestoertem, dichtem, subtropischem Wald; deposited in NECS, Thimphu Bhutan)

*Kisaura minakawai* TI Arefina, 2005 (Male and female described originally near *Kisaura lanceolata* C Sun, *Kisaura venusta* H Malicky & P Chantaramongkol, *Kisaura sura* H Malicky & P

Chantaramongkol, and *Kisaura surasa* H Malicky & P Chantaramongkol Holotype--Male; RUSSIA: South Sakhalin, a tributary of Belaya River near Biological Station "Sokol," 9-viii-2002, N Minakawa; deposited in the collections of the Institute of Biology and Soil Science, Far East Branch of the Russian Academy of Sciences, Vladivostok, Russia (Sakhalin))

*Kisaura minchiensis* (LP Hsu & CS Chen, 1996) : OL (Taiwan)

*Dolophilodes minchiensis* LP Hsu & CS Chen, 1996

*Kisaura moselyi* (DE Kimmins, 1955) : OL (Myanmar)

*Dolophilodes moselyi* DE Kimmins, 1955

*Kisaura nitakaensis* (M Kobayashi, 1973) ([may be synonym of *Dolophilodes* (*Kisaura*) *tsudai* (Botosaneanu, 1970) according to K Kumanski, 1992, Ins Koreana 9:55] Japan)

*Sortosa nitakaensis* M Kobayashi, 1973

*Kisaura nozakii* (N Kuhara, 1999) (Japan)

*Dolophilodes* (*Kisaura*) *nozakii* N Kuhara, 1999

*Kisaura obrussa* (HH Ross, 1956) : OL (Taiwan)

*Sortosa obrussa* HH Ross, 1956

*Kisaura ophir* H Malicky & T Prommi, 2009 : OL (Male described originally near *Gunungiella venusta* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Kanchanaburi, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Kisaura pectinata* (HH Ross, 1956) : OL (China (Guangdong))

*Sortosa pectinata* HH Ross, 1956

*Kisaura pelag* H Malicky & P Laudee, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 500 m, 18°46'N, 099°28'E, 25-26-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Kisaura rossi* (DE Kimmins, 1955) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)

*Dolophilodes rossi* DE Kimmins, 1955

*Kisaura schimplzicha* (H Malicky, 1995) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Dolophilodes schimplzicha* H Malicky, 1995

*Kisaura scicca* (H Malicky, 1993) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Dolophilodes scicca* H Malicky, 1993  
*Kisaura sura* (H Malicky & P Chantaramongkol, 1993) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Thailand)  
*Dolophilodes sura* H Malicky & P Chantaramongkol, 1993  
*Kisaura surasa* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)  
*Dolophilodes surasa* H Malicky & P Chantaramongkol, 1993  
*Kisaura teisiphone* H Malicky, 2007 : OL (Male described originally Holotype--Male; BHUTAN: Zhemgang, N von Zhemgang, 27°13'N, 90°39'E, 1600 m, 20-iv-2006, Graf; Lichtfallen; mehrere steile Gerinne mit lockerem Schiefer-Gerroell; deposited in NECS, Thimphu Bhutan)  
*Kisaura tsudai* (L Botosaneanu, 1970) (Male redescribed by N Kuhara, 1999, P Internatn Symp Trich 9: 175

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52 Korean People's Democratic Republic)

*Dolophilodes tsudai* L Botosaneanu, 1970  
*Kisaura venusta* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)  
*Dolophilodes venusta* H Malicky & P Chantaramongkol, 1993  
*Kisaura verecunda* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)  
*Dolophilodes verecunda* H Malicky & P Chantaramongkol, 1993  
*Kisaura yangae* CH Sun & FR Gui, 2001 (China (Yunnan))

#### ***Koetonga* A Neboiss, 1962**

*Koetonga clivicola* A Neboiss, 1962 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 50 Holotype--Male; Australia: Victoria, Timbertop nr Merrijig, 5 Jun 1958; deposited in the Australian National Insect Collection, Canberra, Australia Australia (Victoria))

#### ***Kogurea* M Kobayashi, 1962**

*Kogurea ezoensis* M Kobayashi, 1962 (Japan)

#### ***Kokiria* AG McFarlane, 1964**

*Kokiria miharo* AG McFarlane, 1964 : AU (Acid mine drainage habitat discussed by MJ Winterbourn, 1998, N Zeal Entomol 21: 65-72 New Zealand)

#### ***Kosrheithrus* ME Mosely, 1953**

*Kosrheithrus boorarus* A Neboiss, 1982 : AU (Australia)  
*Kosrheithrus remulus* A Neboiss, 1977 : AU (Australia)  
*Kosrheithrus tillyardi* ME Mosely, 1953 : AU (Australia)

#### ***Kumanskiella* SC Harris & OS Flint, 1992**

*Kumanskiella aliena* (K Kumanski, 1987) : NT (Cuba)  
*Mayatrichia aliena* K Kumanski, 1987  
*Kumanskiella karenae* SC Harris & OS Flint, 1992 : NT (Puerto Rico)

#### ***Lannapsyche* H Malicky, 1989**

*Lannapsyche bachoi* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34

Male head redescribed, reported from additional localities in Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2457: 105-107, f 238-240 Vietnam)

*Lannapsyche birathena* J Olah & KA Johanson, 2010 : OL (Male described originally near



*Lannapsyche chantaramongkolae* H Malicky Holotype--Male; MYANMAR: Kambaiti, 1800 m, 23-vi-1934, Malaise trap; Malaise BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Lannapsyche chantaramongkolae* H Malicky, 1989 : OL (Thailand)

*Lannapsyche kamba* J Olah & KA Johanson, 2010 : OL (Male described originally near *Lannapsyche suksma* J Olah & KA Johanson and *Lannapsyche birathena* J Olah & KA Johanson Holotype--Male; MYANMAR: North East, Kambaiti, 2000 m, 26-v-1934, Malaise trap; Malaise BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Lannapsyche setschuana* H Malicky & P Chantaramongkol, 1995 : OL (China (Sichuan))

*Lannapsyche suksma* J Olah & KA Johanson, 2010 : OL (Male described originally near *Lannapsyche chantaramongkolae* H Malicky Holotype--Male; MYANMAR: North East, Kambaiti, 2000 m, 15-v-1934, Malaise trap; Malaise BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Lannapsyche xylostelloides* W Mey, 1997 : OL (Male described originally near *Lannapsyche chantaramongkolae* H Malicky, *Lannapsyche setschuana* H Malicky, and *Lannapsyche bachoi* H Malicky

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 1-5-iii-1995, leg R Brechlin; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

### ***Larcasia* L Navas, 1917**

*Larcasia akagiae* H Nishimoto & K Tanida, 1999 (Male, female, larva, pupa, case, biology including skating habits of adults described originally

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199 Holotype--Male; JAPAN: Honshu, Aichi Pref, Minamishitara-gun, Hourai-cho, Kansa-gawa River, a tributary of the Toyo-gawa River, 20-iii-1994, H Nishimoto; deposited in the Lake Biwas Museum, Shiga, Japan Japan)

*Larcasia assamica* F Schmid, 1965 : OL (India)

*Larcasia elia* (ME Mosely, 1939) : OL (India)

*Ashmira elia* ME Mosely, 1939

*Larcasia lannaensis* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Larcasia minor* H Nishimoto, 1999 (Male, female, larva, case, habitat, and biology described originally

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199 Holotype--Male; JAPAN: Honshu, Tochigi Pref, Nikko, Jigoku-gawa Creek, a spring run discharging into Lake Chuzenji, 29-iii-1992, H Nishimoto; deposited in Lake Biwa Museum, Shiga, Japan Japan)

*Larcasia partita* L Navas, 1917 (Spain)

### ***Lectrides* ME Mosely, 1953**

*Lectrides parilis* A Neboiss, 1982 : AU (Australia)

*Lectrides varians* ME Mosely, 1953 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80

Predator-prey relationships with predatory fish *Melanotaenia splendida* in tropical detritus-based food web discussed by L Boyero, PA Rincon, & RG Pearson, 2008, Ecological Research 23(4): 649-655 Holotype--Male; Australia: Tasmania, Sheffield, 8 Jan 1917; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80) Australia (Tasmania))

### ***Lenarchus* AV Martynov, 1914**

#### **subgenus *Lenarchus* AV Martynov, 1914**

*Lenarchus* (*Lenarchus*) *crassus* (N Banks, 1920) : NA (United States of America)

*Limnephilus crassus* N Banks, 1920  
*Lenarchus (Lenarchus) devius* (R McLachlan, 1880) : PA (Reported from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 569

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34 Russia (northwestern Siberia)

*Asynarchus devius* R McLachlan, 1880  
*Lenarchus (Lenarchus) expansus* AV Martynov, 1914 : NA (Russia (northeastern Siberia))  
Syn.: *Limnephilus taronus* HH Ross, 1941  
*Lenarchus (Lenarchus) fuscostramineus* F Schmid, 1952 (Biology, larva and pupa described by T Nozaki & T Ito, 1998, Jap J Limnol 59(4): 383-389;

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203 Japan)

*Lenarchus (Lenarchus) productus* (KJ Morton, 1896) : PA (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Finland)  
*Asynarchus productus* KJ Morton, 1896

*Lenarchus (Lenarchus) rectangulatus* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Lenarchus (Lenarchus) rho* (LJ Milne, 1935) : NA (United States of America)

*Limnephilus rho* LJ Milne, 1935  
Syn.: *Clistoronia bifidus* S Ling, 1938

*Lenarchus (Lenarchus) sinensis* L-F Yang & K-M Leng, 2004 (Male described originally Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Qinghai Province, Mengyuan County, 3,000 m elev, 05-vii-1989; deposited in the Insect Collection of the Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Qinghai))

#### **subgenus *Paralenarchus* F Schmid, 1952**

*Lenarchus (Paralenarchus) brevipennis* (N Banks, 1899) : NA (United States of America)

*Stenophylax brevipennis* N Banks, 1899

*Lenarchus (Paralenarchus) fautini* (DG Denning, 1949) : NA (United States of America)

*Limnephilus fautini* DG Denning, 1949

*Lenarchus (Paralenarchus) gravidus* (HA Hagen, 1861) : NA (United States of America)

*Limnophilus gravidus* HA Hagen, 1861

Syn.: *Limnephilus rotundatus* N Banks, 1918

*Lenarchus (Paralenarchus) rillus* (LJ Milne, 1935) : NA (United States of America)

*Limnephilus rillus* LJ Milne, 1935

Syn.: *Limnephilus oreus* LJ Milne, 1935

*Lenarchus (Paralenarchus) vastus* (HA Hagen, 1861) : NA (Alaska)

*Limnophilus vastus* HA Hagen, 1861

Syn.: *Limnephilus intermedius* N Banks, 1918

#### **subgenus *Prolenarchus* F Schmid, 1952**

*Lenarchus (Prolenarchus) bicornis* (R McLachlan, 1880) : PA (Scandinavia)

*Asynarchus bicornis* R McLachlan, 1880

*Lenarchus (Prolenarchus) keratus* (HH Ross, 1938) : NA (Canada)

*Limnephilus keratus* HH Ross, 1938

#### ***Lepania* HH Ross, 1941**

*Lepania cascada* HH Ross, 1941 : NA (United States of America)

#### ***Lepidostoma* P Rambur, 1842**

*Lepidostoma abruptum* (N Banks, 1931) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183

Listed from Indonesia (Sumatra), as *Lepidostoma abruptum*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 33

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Malaysia (Peninsular))

*Goerodes abruptum* N Banks, 1931

*Lepidostoma acarola* DG Denning, 1962 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

*Lepidostoma acutum* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; Henan: Neixiang Co, Baotianman, N33.0 E111.8, 15-vii-1998, 1300 m, light trap, leg Wang Beixin; deposited in the Nanjing Agricultural University collection, Nanjing, Jiang Province, People's Republic of China China (Henan))

*Lepidostoma albardanum* (G Ulmer, 1906) (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia, as *Dinarthodes kurentzovi* AV Martynov by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Redescriptions of male and female, K Kumanski & JS Weaver III, 1992, Aq Ins 14: 154, 156, f 1-4

Diagnosis by SJ Park & YJ Bae, 1998, Korean J of Syst Zool 14(4): 365

Transferred from *Dinarthodes* to *Goerodes* by T Ito, 2001, Limnology 2: 8

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 290, f 225-231

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Holotype--Male; "Siberien kentei, coll Albarda acq 1892"; deposited in the Nationaal Natuurhistorische Museum, Leiden, the Netherlands Russia (Primorye))

*Maniconeura albardanum* G Ulmer, 1906

Syn.: *Dinarthodes kurentzovi* AV Martynov, 1935

*Lepidostoma albicorne* (N Banks, 1906) (Male, larva, and larval case described, transferred to *Goerodes* from *Dinarthodes* by T Ito, 1999, Jap J Limnol 60(3): 320

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Japan)

*Crunoecia albicorne* N Banks, 1906

*Lepidostoma amamiense* (T Ito, 1990) (Male and female genitalia redescribed as *Goerodes amamiensis* by T Ito, 1999, Entomol Sci 2(4): 499, f 6

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Japan)

*Goerodes amamiense* T Ito, 1990

*Lepidostoma americanum* (N Banks, 1897) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

*Olemira americanum* N Banks, 1897

*Lepidostoma angulatum* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Democratic Republic of the Congo)

*Goerodes angulatum* G Marlier, 1953

*Lepidostoma anorhepes* (A Neboiss, 1990) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Indonesia (Sulawesi))

*Goerodes anorhepes* A Neboiss, 1990

*Lepidostoma apache* DC Houghton, 2001 : NA (*Lepidostoma* (*Nosopus*) *mexicanum* Group according to DC Houghton, 2001, P Entomol Soc Washington 103: 541-544, f 1

*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent

embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 Holotype--XXX?; UNITED STATES OF AMERICA: Arizona, Greenlee County, Apache-Sitgreaves National Forest United States of America)

*Lepidostoma apoanum* (N Banks, 1937) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Philippines)

*Goerinella apoanum* N Banks, 1937

*Lepidostoma aporna* DG Denning, 1949 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179)

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 5, f 6a-b

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Lepidostoma aprilius* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Thailand)

*Dinarthrum aprilius* H Malicky & P Chantaramongkol, 1994

*Lepidostoma arachosicum* (F Schmid, 1961) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Pakistan)

*Dinarthrum arachosicum* F Schmid, 1961

*Lepidostoma arcuatum* (C Hwang, 1957) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Male redescribed, in *Lepidostoma hirtum* Branch and *Lepidostoma inops* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296, f 316-323

Larva, case-building and pupation behavior described by L Shan & L Yang, 2004, J Nanjing Agric Univ 28(1): 44-47, f 6-8

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Lectotype--Male; China: Fujian, Shaowu, 17-v-1944, leg Fu Chong-guang; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296) China (Fujian))

*Goerinella arcuatum* C Hwang, 1957

*Lepidostoma armatum* (G Ulmer, 1905) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 India)

*Dinarthrum armatum* G Ulmer, 1905

*Lepidostoma assamense* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179)

Reported from Nepal as *Lepidostoma assamensis* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan as "*Dinarthrum assamensis*" ME Mosely by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Anacrunoecia assamense* ME Mosely, 1949

*Lepidostoma astanea* DG Denning, 1954 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

Syn.: *Lepidostoma goedeni* DG Denning, 1971

*Lepidostoma atania* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Myanmar)

*Anacrunoecia atania* ME Mosely, 1949

*Lepidostoma augustus* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179-180 Thailand)

*Dinarthrum augustus* H Malicky & P Chantaramongkol, 1994

*Lepidostoma axis* (T Ito, 1985) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Japan)

*Goerodes axis* T Ito, 1985

*Lepidostoma aztecum* OS Flint & J Bueno-Soria, 1977 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 Mexico (Morelos))

- Lepidostoma badakschanicum* (F Schmid, 1963) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Afghanistan)  
*Dinarthrum badakschanicum* F Schmid, 1963
- Lepidostoma baenzigeri* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Thailand)  
*Dinarthrum baenzigeri* H Malicky & P Chantaramongkol, 1994
- Lepidostoma bakeri* OS Flint, 1965 : NA, NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178)
- Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)
- Lepidostoma basale* (F Kolenati, 1848) (Honey intake and its effect on longevity & reproductive productivity of females by A Hoffmann, 1997, P Internatn Symp Trich 8: 145-149)
- Larval aggregation, pupal site selection, pupal case shape by A Hoffman, 1997, P Internatn Symp Trich 8: 151-156
- Pupation site selection reported by A Hoffmann, 1998("1997"), Verhandlungen Westdeutscher Entomologentag 1997: 199-203
- Pupal site selection, environmental factors by A Hoffman, 1998, Lauterbornia 34: 239-240
- Diagnostic characters of larva, as *Lasiocephala basalis*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 262
- Overview of mating system and sperm competition by A Hoffmann, 1999, P Internatn Symp Trich 9: 133-139
- Xylophagy, life cycle, and role in wood degradation reported by A Hoffmann, 2000, Internatn Rev Hydrobiol 85(1): 79-93
- Male genitalia illustrated by B Robert, PJ Neu, & M Gorka, 2001, Entomol Zeitschr, Stuttgart 111(5): 150-152, f 1-3
- Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36
- Substrate preference as *Lasiocephala basalis* described by U Schulte, B Spaenhoff, W Riss, N Kaschek, and EI Meyer, 2002, Proc Internatn Symp Trich 10: 565-570
- Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183
- Role of ecology and history on distribution in western Spain discussed (as *Lasiocephala basalis*) by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797
- Midgut epithelial goblet cells described, as *Lasiocephala basalis* (F Kolenati), by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81
- Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)  
*Goera basale* F Kolenati, 1848  
 Syn.: *Goera irrorata* F Kolenati, 1859  
 Syn.: *Lasiocephala bifida* H Decamps, 1972  
 Syn.: *Lasiocephala taurus* A Costa, 1857  
 Syn.: *Sericostoma hirtum* FJ Pictet, 1834
- Lepidostoma batumicum* (AV Martynov, 1913) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183-184)
- Reported from Iran, as *Goerodes batumica* AV Martynov, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Georgia)

*Crunoeciella batumicum* AV Martynov, 1913  
*Lepidostoma baxea* DG Denning, 1958 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 United States of America)  
*Lepidostoma belkisiae* (F Sipahiler, 2000) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Turkey)  
*Lasiocephala belkisiae* F Sipahiler, 2000  
*Lepidostoma betteni* (AV Martynov, 1936) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Dinarthrella betteni* AV Martynov, 1936  
*Lepidostoma bhatarka* (F Schmid, 1961) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Pakistan)  
*Dinarthrum bhatarka* F Schmid, 1961  
*Lepidostoma bibrochatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Yunnan, Li-jiang Co, N26.8, E100.2, Shigu, Chong Jiang, 1750 m, 25-v-1996, leg Wang Beixin; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))  
*Lepidostoma bicolor* (N Banks, 1937) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Philippines)

*Goerinella bicolor* N Banks, 1937  
*Lepidostoma bidentatum* (JS Weaver & J Huisman, 1992) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Malaysia (Sabah))

*Dinarthrum bidentatum* JS Weaver & J Huisman, 1992  
*Lepidostoma bifurcatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Sichuan, Emei Mt, N29.36 E103.29, 8 km W of Jingshui, Emei River, 1080 m, 1-vii-1990, leg John C Morse & Yang Lianfang; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Lepidostoma bilobatum* (DG Gibbs, 1973) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Ghana)

*Goerodes bilobatum* DG Gibbs, 1973  
*Lepidostoma bipertitum* (M Kobayashi, 1955) (Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Dinarthrodes bipertitum* M Kobayashi, 1955  
*Lepidostoma bisculum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Malaysia (Sabah))  
*Lepidostoma bispinatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Zhejiang, Qingyuan co, Bai-shan-zu Mt, 30-ix-1993, 1500 m, leg Wu Hong, malaise trap; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))  
*Lepidostoma bosniaca* (M Marinkovic-Gospodnetic, 1971) (Distribution and biological notes discussed by K. Kumanski, 2001, Acta Zoologica Bulgarica 53(2): 63-66 Bosnia)

*Crunoecia bosniaca* M Marinkovic-Gospodnetic, 1971  
*Lepidostoma brachycerum* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Democratic Republic of the Congo)

*Goerodes brachycerum* G Marlier, 1953  
*Lepidostoma brevibifidum* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Hubei, Wu-dang Shan (Mts), N32.4 E110.9, Jiazi River at

hydroelectric station, 1000 m, 16-vii-1997, leg Wang Beixin; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Hubei))

*Lepidostoma brevipalpatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Guizhou, Chishui Co, N28.5, E105.7, Hushi, Nanzhu Forest Farm, 460 m, 9-vi-1995, leg Wang Beixin & Sun Changhai; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Guizhou))

*Lepidostoma brevipenne* (J Olah, 1993) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Malaysia (Peninsular))

*Dinarthropsis brevipenne* J Olah, 1993

*Lepidostoma brevius* (G Ulmer, 1913) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Listed from Indonesia (Sumatra), as *Lepidostoma brevior*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Acrunoecia brevius* G Ulmer, 1913

*Lepidostoma brienii* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Democratic Republic of the Congo)

*Goerodes brienii* G Marlier, 1953

*Lepidostoma brueckmanni* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 280-281, f 93-99

Distributed in Thailand and India (Assam) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; Thailand: Doi Inthanon, 1600 m, 25-iii-1992; deposited in the collection of Hans Malicky, Lunz am See, Austria (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 280) Thailand)

*Dinarthrum brueckmanni* H Malicky & P Chantaramongkol, 1994

*Lepidostoma brunneum* (G Ulmer, 1905) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Male redescribed by JS Weaver & FM Gibon, 2007, Proceedings of the International Symposium on Trichoptera 12: 335-336, f 1-5 Holotype--Male; MADAGASCAR: Fort Dauphin Sikora; on slide, mounted in balsam with thorax absent; deposited in the Naturhistorisches Museum Wien, Austria (Madagascar)

*Crunoeciella brunneum* G Ulmer, 1905

*Lepidostoma bryanti* (N Banks, 1908) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 Canada)

*Alepomyia bryanti* N Banks, 1908

Syn.: *Lepidostoma wisconsinense* CT Vorhies, 1909

*Lepidostoma buceran* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Zhejiang, Qingyuan Co, Bai-shan-zu Mt, 20-iv-1994, 1100 m, leg Wu Hong; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Zhejiang))

*Lepidostoma caffrariae* (KH Barnard, 1934) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Republic of South Africa)

*Crunoeciella caffrariae* KH Barnard, 1934

*Lepidostoma cantha* HH Ross, 1941 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 United States of America)

*Lepidostoma capreolus* (T Ito, 1992) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Malaysia (Sabah))

*Goerodes capreolus* T Ito, 1992

*Lepidostoma carolina* (N Banks, 1911) : NA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 United States of America)

*Notiopsyche carolina* N Banks, 1911

*Lepidostoma carrolli* OS Flint, 1958 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma carvalhoi* (G Marlier, 1965) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Angola)

*Goerodes carvalhoi* G Marlier, 1965

*Lepidostoma cascadenense* (LJ Milne, 1936) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 Canada)

*Jenortha cascadenense* LJ Milne, 1936

Syn.: *Lepidostoma mira* DG Denning, 1954

Syn.: *Lepidostoma pleca* HH Ross, 1938

*Lepidostoma castalianum* JS Weaver & MJ Myers, 1998 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

*Lepidostoma catarina* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Oaxaca))

*Lepidostoma ceratinon* JS Weaver & T Andersen, 1995 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Cameroon)

*Lepidostoma cervicorne* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Gansu, Wen Co, N33.0, E104.6, Shangdanxiang, Danbaohe, tributary of Baishui Jiang, 1140 m, 13-vi-1998, leg Yang Lianfang; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Gansu))

*Lepidostoma chaldyrense* (AV Martynov, 1909) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Reported from Iran as *Dinarthrum chaldyrense* by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254 Turkey, Georgia)

*Acrunoeciella chaldyrense* AV Martynov, 1909

Syn.: *Dinarthrum (Paradinarthrum) breviplicatum* AV Martynov, 1913

*Lepidostoma chiriquiense* RW Holzenthal & RM Strand, 1992 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 Panama)

*Lepidostoma chotta* (F Schmid, 1961) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Pakistan)

*Dinarthrum chotta* F Schmid, 1961

*Lepidostoma cinereum* (N Banks, 1899) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

*Silo cinereum* N Banks, 1899

Syn.: *Lepidostoma strophis* HH Ross, 1938

*Lepidostoma cisflavum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma hirtum* Branch and *Lepidostoma flavum* Species group, male originally described Holotype--Male; China: Guizhou, Libo Co, N25.4 E107.8, Maolan Nature Reserve, Sanjiagou (village), 8-vii-1994, leg Du Yuzhou; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Guizhou))

*Lepidostoma complicatum* (M Kobayashi, 1968) (Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Role in energy input from riparian forest, as *Goerodes complicatus*, reported by K Kochi, S Yanai, & A Nagasaka, 2004, Archiv fuer Hydrobiologie 160(2): 231-246

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Dinarthrodes complicatum* M Kobayashi, 1968

*Lepidostoma compressum* DA Etnier & JD Way, 1973 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 United States of America)

*Lepidostoma conjunctum* (N Banks, 1934) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Sabah))

*Goerinella conjunctum* N Banks, 1934

*Lepidostoma convolutum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Myanmar)

*Agoerodes convolutum* ME Mosely, 1949



*Lepidostoma coreanum* (K Kumanski & JS Weaver, 1992) (Reported from Japan and Russia IPrimorskii Krai), transferred to *Dinarthrum* from *Indocrunoecia*, larva and larval case described by T Ito, 1998, *Ent Sci* 1(4): 585

Diagnosis by SJ Park & YJ Bae, 1998, *Kor J Syst Zool* 14(4): 366

Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, *Hyogo Freshwater Biology* 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 180 Korea)

*Indocrunoecia coreanum* K Kumanski & JS Weaver, 1992

*Lepidostoma cornigerum* (G Ulmer, 1907) : OL (Male redescribed, female, pupa, larva, egg mass, and case described by T Ito, 2001, *Limnology*, 2: 2-8, f 1-6

*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184

Male redescribed from China by L Yang & JS Weaver, 2002, *Tijdschr Entomol* 145: 298, f 349-355  
Holotype--Male; Japan; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (L Yang & JS Weaver, 2002, *Tijdschr Entomol* 145: 298) Japan)

*Goerodes cornigerum* G Ulmer, 1907

Syn.: "*Crunocediella*" *toyotamaensis* M Kobayashi, 1985

*Lepidostoma cornutum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 180 Myanmar)

*Goerodella cornutum* ME Mosely, 1949

*Lepidostoma corollatum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184 Malaysia (Sabah))

*Lepidostoma costale* (N Banks, 1914) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 178 United States of America)

*Olemira costale* N Banks, 1914

*Lepidostoma crassicornis* (G Ulmer, 1907) (Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, *Hyogo Freshwater Biology* 54: 21-40

,BR>*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 180

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Severinia crassicornis* G Ulmer, 1907

*Lepidostoma cratis* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184 Malaysia (Sabah))

*Lepidostoma curatium* (H Malicky & T Prommi, 2000) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 180 Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Kaew Thailand)

*Dinarthrum curatium* H Malicky & T Prommi, 2000

*Lepidostoma curtispiculum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184 Malaysia (Sabah))

*Lepidostoma daabanum* (G Ulmer, 1951) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184 Key Island)

*Neolepidostoma daabanum* G Ulmer, 1951

*Lepidostoma dafila* J Bueno-Soria & A Contreras-Ramos, 1986 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 178 Mexico (Oaxaca))

*Lepidostoma daidalion* (H Malicky & T Prommi, 2000) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 180 Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Kaew Thailand)

*Dinarthrum daidalion* H Malicky & T Prommi, 2000

*Lepidostoma darfurense* (ME Mosely, 1939) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 184 Sudan)

*Goerodes darfurense* ME Mosely, 1939

*Lepidostoma deceptivum* (N Banks, 1907) : NA (Nomen dubium according to JS Weaver, 1988, *Contrib Am Entomol Inst* 24(2): 60

*Lepidostoma podagrum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 178 United

States of America)

*Thremma deceptivum* N Banks, 1907

*Lepidostoma delongi* HH Ross, 1946 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 178 Mexico (Michoacan))

*Lepidostoma denningi* JS Weaver, 1988 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Chiapas))

*Lepidostoma dentatum* (B Statzner, 1976) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Democratic Republic of the Congo)

*Goerodes dentatum* B Statzner, 1976

*Lepidostoma destructum* (G Ulmer, 1906) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Reported from Bhutan as *Dinarthrum destructum* by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Maniconeura destructum* G Ulmer, 1906

*Lepidostoma diehli* (JS Weaver, 1989) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 33

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Goerodes diehli* JS Weaver, 1989

*Lepidostoma diespiter* (H Malicky & N Sangpradub, 2001) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--XXX?; THAILAND, Loei Province, A. Dansai, Huai Sak Nga Thailand)

*Dinarthrum diespiter* H Malicky & N Sangpradub, 2001

*Lepidostoma differens* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Myanmar)

*Agoerodes differens* ME Mosely, 1949

*Lepidostoma digitatum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Myanmar)

*Anacrunoecia digitatum* ME Mosely, 1949

*Lepidostoma directum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Yunnan, Pingbian Co, Dishuiceng, Dashengou Forest, 21-vii-1990, 1200 m, leg Li Youwen; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Lepidostoma divaricatum* (JS Weaver, 1989) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Listed from Indonesia (Sumatra), as *Lepidostoma divaricatus*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 India)

*Goerodes divaricatum* JS Weaver, 1989

*Lepidostoma djerkuanum* (AV Martynov, 1909) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278, f 53-55 Holotype [abdomen absent]--Male; China: Tibet, Djerku [or Dzhertku], 11,400' [4160 m], Kham-Golubaya, cr VIII-1900, leg Kozlov; deposited in the Zoological Institute of the Russian Academy of Science, St Petersburg, Russia (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 286) China (Tibet))

*Dinomyia djerkuanum* AV Martynov, 1909

*Lepidostoma doehleri* (H Malicky, 1976) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Greece)

*Lasiocephala doehleri* H Malicky, 1976

*Lepidostoma doligung* (H Malicky, 1979) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Male redescribed from China, in the *Lepidostoma hirtum* Branch and *Lepidostoma flavum* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 297, f 336-340

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; India: South Andaman Is, 'Nayachul-Fluss, bei Mongelutonge, Lichtfang, 20-xii-1976'; deposited in the Hans Malicky Collection (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 297) India (Andaman Islands))

*Goerodes doligung* H Malicky, 1979

*Lepidostoma dolphinus* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma hirtum* Branch, male described originally Holotype--Male; China: Zhejiang, Kaihua Co, Gutian Mt, 20-vii-1992, 400 m, Wu Hong; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Lepidostoma dsungaricum* (VD Ivanov, 1991) (Male described originally in subgenus *Dinarthrum* (*Metadinarthrum*) AV Martynov, but resembling *Dinarthrum* (*Hyopdinarthrum*) *ulmeri* AV Martynov

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--Male; KAZAKHSTAN: Taldy-Kurgan distr, Sarkand region, brook at the W outskirts of Petropavlovka, 21-viii-1990, VD Ivanov leg; deposited in the Zoological Institute of the Russian Academy of Sciences, Leningrad, Russia Kazakhstan)

*Dinarthrum dsungaricum* VD Ivanov, 1991

*Lepidostoma dubitans* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 India)

*Goerodina dubitans* ME Mosely, 1949

*Lepidostoma dui* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma hirtum* Branch and *Lepidostoma inops* Species Group, male described originally Holotype--Male; China: Guizhou, Shuiyang Co, N27.9 E107.1, 26.x.1994, 1700 m, leg Du Yuzhou; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China Taiwan)

*Lepidostoma dulitense* (ME Mosely, 1951) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Sarawak))

*Goerodes dulitense* ME Mosely, 1951

Syn.: *Goerodes pendleburyi* JS Weaver, 1989

*Lepidostoma ebenacanthus* (T Ito, 1992) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol, 2002, Tijdschr Entomol 145: 284, f 150-156 Holotype--Male; Japan: Iriomote Is, Nishi-funatsuki River, Ohtomi, 13-i-1989 (larva, emerged on 9-ii-1989), leg Tomiko Ito; deposited in Hokkaido Univ (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 284) Japan)

*Goerodes ebenacanthus* T Ito, 1992

*Lepidostoma ectopium* RW Holzenthal & RM Strand, 1992 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Costa Rica)

*Lepidostoma edwardsi* (ME Mosely, 1939) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Uganda)

*Goerodes edwardsi* ME Mosely, 1939

*Lepidostoma elaphodes* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Yunnan, Jin-ping Co, N22.80 E103.30, Adebo (town), Kunje (village), Kunhe River, 19-vii-1990, 1450 m, leg Li Youwen; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Lepidostoma elongatum* (AV Martynov, 1935) (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Redescriptions of male and female, K Kumanski & JS Weaver III, 1992, Aq Ins 14: 157, 159, f 5-6

Larva described by SJ Park & YJ Bae, 1999, Korean J Limnol 32(4):, serial number 88: 304

Transferred to *Goerodes* by T Ito, 2001, Limnology 2: 8

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278, f 53-55

Reported from Siberia (Irkutsk Region) as *Dinarthrodes elongatus* AV Martynov by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Holotype [not found]--Male; deposited in the Zoological Institute of the Russian Academy of Science, St Petersburg, Russia (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 285) Russia (Primorye))

*Dinarthrodes elongatus* AV Martynov, 1935

Syn.: *Dinarthrodes brevis* AV Martynov, 1935

*Lepidostoma emarginatum* (T Ito, 1985) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Japan)

*Goerodes emarginatum* T Ito, 1985

*Lepidostoma epher* H Malicky, 2008 : OL (Male described originally near *Lepidostoma bispinatum* LF Yang & JS Weaver and *Lepidostoma bifurcatum* LF Yang & JS Weaver Holotype--Male; LAOS: Central Laos, Ban Khoun Ngeun, 200 m, 18°07'N, 104°29'E, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Lepidostoma erech* H Malicky, 2008 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21°28'N, 105°38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Lepidostoma erectum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Malaysia (Sabah))

*Lepidostoma ermanae* JS Weaver, 1988 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma errigena* DG Denning, 1954 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 United States of America)

*Lepidostoma esau* H Malicky, 2008 : OL (Male described originally near *Lepidostoma kimsa* ME Mosely and *Lepidostoma octobrius* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21°28'N, 105°38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Lepidostoma esban* H Malicky, 2008 : OL (Male described originally near *Lepidostoma tibana* ME Mosely Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21°28'N, 105°38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Lepidostoma etnieri* JS Weaver, 1988 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma excavatum* OS Flint & GB Wiggins, 1961 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma excelsius* (L Navas, 1931) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 "East Africa (Buamba)")

*Crunoeciella excelsius* L Navas, 1931

*Lepidostoma ezer* H Malicky, 2008 : OL (Male described originally near *Lepidostoma cornuta* ME Mosely, *Lepidostoma elaphodes* LF Yang & JS Weaver, and *Lepidostoma Inthanon* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21°28'N, 105°38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Lepidostoma februarium* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Thailand)

*Dinarthrurum februarium* H Malicky & P Chantaramongkol, 1994

*Lepidostoma ferox* (R McLachlan, 1871) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180;

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2 India)

*Dinarthrurum ferox* R McLachlan, 1871

*Lepidostoma fischeri* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Thailand)

*Dinarthrurum fischeri* H Malicky & P Chantaramongkol, 1994

*Lepidostoma flavum* (G Ulmer, 1926) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Male redescribed, in *Lepidostoma hirtum* Branch and *Lepidostoma flavum* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296, f 324-329

Larva described, biology and pollution tolerance discussed by WF Yang & LF Yang, 2002, Nanjing Nongye Daxue Xuebao 25(2): 61-65

Larval diagnosis discussed by L Shan & L Yang, 2004, J Nanjing Agric Univ 28(1): 44-47 Holotype--Male; China: Guangdong, Mahn tsi Shan (Mt), 14-xi-1915, at light; deposited in der Zoologisches Institut und Zoologisches Museum, Hamburg, Germany (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296) China (Guangdong))

*Crunoeciella flavum* G Ulmer, 1926

*Lepidostoma flexulum* (W Mey, 1990) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Philippines)

*Goerodes flexulum* W Mey, 1990

*Lepidostoma flinti* JB Wallace & FF Sherberger, 1972 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma foliatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; Yunnan, Lanping Co, N26.4 E99.2, Jinding (town), Jinlong (village), Bi Jiang, 2250 m, 16-viii-1997, leg Gui Furong; deposited in the Nanjing Agricultural University collection, Nanjing, Jiang Province, People's Republic of China China (Yunnan))

*Lepidostoma forcipulatum* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma volsellatum* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, 20-24-iii-1990, Malaise trap across stream, mountain rain forest, leg WE Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma fraternum* W Mey, 1998 : OL (Male described originally, very similar to *Lepidostoma sibuyana* H Malicky & P Chantaramongkol

*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Lepidostoma frontale* (N Banks, 1901) : NA, NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Veracruz))

*Eremopsyche frontale* N Banks, 1901

*Lepidostoma frosti* (LJ Milne, 1936) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Atomyia frosti* LJ Milne, 1936

*Lepidostoma fui* (C Hwang, 1957) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 292-293, f 259-264

Larva, case-building and pupation behavior described by L Shan & L Yang, 2004, J Nanjing Agric Univ 28(1): 44-47, f 1-5 Holotype--Male; China: Fujien, Shaowu, Darjeefung, 25-v-1945, leg Fu Chung-quan; deposited in the Nanjing Agricultural University collection, Nanjing Jiangsu Province, People's Republic of China (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 292) China (Fujian)

*Dinarthrodes fui* C Hwang, 1957

*Lepidostoma fuscatum* (L Navas, 1932) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 India)

*Ignasala fuscatum* L Navas, 1932

Syn.: *Maniconeura indica* AV Martynov, 1936

*Lepidostoma fuscum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Myanmar)

*Agoerodes fuscum* ME Mosely, 1949

*Lepidostoma gad* H Malicky, 2008 : OL (Male described originally Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21\*28'N, 105\*38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Lepidostoma ganesa* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 (Nepal)

*Lepidostoma gigitaring* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Indonesia (Sulawesi))

*Lepidostoma gargas* H Malicky & P Chantaramongkol, 2008 : OL (Male described originally near *Lepidostoma abruptum* N Banks and *Lepidostoma flavum* G Ulmer Holotype--Male; THAILAND: Nuai Huat National Park, 400 m, 16°55'N, 104°11'E, 19-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Lepidostoma glenni* JB Wallace & FF Sherberger, 1972 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma gomer* H Malicky, 2009 : OL (Male described originally near *Lepidostoma pratetaiensis* H Malicky & P Chantaramongkol Holotype--Malep VIETNAM: Fia Lai, Ankhi District, Tram Lap, Azun River, 2 km NW on trail from forestry building, 14°27'N, 108°33'E, 17-vi-1996, leg DC Currie & Swann; 961056; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Lepidostoma grana* ME Mosely, 1939 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Kenya)

*Lepidostoma grande* (N Banks, 1931) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Malaysia (Sabah))

*Goerinema grande* N Banks, 1931

*Lepidostoma griseum* (N Banks, 1911) : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Phanopsyche griseum* N Banks, 1911

*Lepidostoma hamatum* JS Weaver & T Andersen, 1995 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184 Tanzania)

*Lepidostoma heterolepidium* (AV Martynov, 1936) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181)

Reported from Nepal as *Lepidostoma heterolepidia* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan as *Indocrunoecia heterolepidia* AV Martynov by F Schmid, 1975, Entomol Basiliensia 1: 77-86 and H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Indocrunoecia heterolepidium* AV Martynov, 1936

*Lepidostoma heveli* OS Flint & J Bueno-Soria, 1977 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Guatemala)

*Lepidostoma hirtum* (JC Fabricius, 1775) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Redescription of male by K Kumanski & JS Weaver III, 1992, Aq Ins 14: 165-166, f 23

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval head, thorax, and case, adult head and pronotum and foreleg illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 26, 88, 144, 157

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 262

*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 184-185

Diet, life cycle, hydrological regime reported by A Basaguren, P Riano, & J Pozo, 2002, Archiv fuer Hydrobiologie 155(1): 23-41

Reported from Vietnam, as *Dinarthrum hirta* L Navas, 1932, by BJ Armitage, W Mey, TI Arefina, &

PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 33

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471

Reported from Siberia (Altai Mountains) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Fossils from United Kingdom 340,000-3000,000 years before present reported by MT Greenwood, 2008, Braueria 35: 21

Gynandromorph described by F Sipahiler, 2010, Braueria 37: 6 Britain)

*Phryganea hirtum* JC Fabricius, 1775

Syn.: *Ayabeopsyche nipponica* M Tsuda, 1942

Syn.: *Lepidostoma lapponicum* AJ Siltala, 1908

Syn.: *Lepidostoma sericeum* P Rambur, 1842

Syn.: *Lepidostoma squamulosum* P Rambur, 1842

Syn.: *Lepidostoma villosum* P Rambur, 1842

Syn.: *Mormonia fimbriata* E Pictet, 1865

Syn.: *Mormonia gracilicornis* J Curtis, 1834

Syn.: *Mormonia immaculata* JF Stephens, 1836

Syn.: *Mormonia maculicornis* J Curtis, 1834

Syn.: *Mormonia nigromaculata* JF Stephens, 1836

*Lepidostoma hirtum orientalis* W Mey & R Jung, 1986 (~*hirtum* (JC Fabricius, 1775, Syst Ent p 308), *Phryganea*

A synonym of *Lepidostoma hirtum* according to JS Weaver, 2002, Tijdschr Entomol 145: 185)

*Lepidostoma hiurai* (K Tani, 1971) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Japan)

*Crunoeciella hiurai* K Tani, 1971

*Lepidostoma hokurikuense* (T Ito, 1994) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Japan)

*Goerodes hokurikuense* T Ito, 1994

*Lepidostoma holzschuhi* (H Malicky, 1977) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Turkey)

*Lasiocephala holzschuhi* H Malicky, 1977

*Lepidostoma hoodi* HH Ross, 1948 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma horridum* (F Schmid, 1959) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 277-278, f 47-52 Holotype-- Male; China: Yunnan, Li-Kiang, 22-vii-1934, leg H Hoene; deposited in Zoologisches Museum der Humboldt-Universitaet Berlin, Berlin, Germany (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 277) China (Yunnan))

*Eodinarthrum horridum* F Schmid, 1959

*Lepidostoma huangi* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Shaanxi, Qin-ling Mts, N34.2, E103.8, Tiantai Shan Forest Park, upper stream of Jialing River, 1700 m, 8-vi-1998, leg John C Morse & Yang Lianfang; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Shaanxi))

*Lepidostoma huaynamdang* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Thailand)

*Dinarthrum huaynamdang* H Malicky & P Chantaramongkol, 1994

*Lepidostoma iamba* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181

Reported from Bhutan as *Dinarthrum iamba* ME Mosely by H Malicky, 2007, Linzer biol Beitr 39(1): 498 Myanmar)

*Adinarthrum iamba* ME Mosely, 1949

*Lepidostoma ianus* H Malicky & P Thamsenanupap, 2005 : OL (Male described originally, near *Lepidostoma dulitense* ME Mosely Holotype--Male; THAILAND: Prov Chiangmai, Doi Inthanon NP, Huai Sai Lueang WF, 18\*31'N,98\*27'E, 1060 m, 16-xi--7-xii-2002 (Malaisefalle), leg Thamsenanupap; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Lepidostoma ibarraí* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2005 (Mexico (XXX ???))

*Lepidostoma inconspicuum* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Myanmar)

*Adinarthrella inconspicuum* ME Mosely, 1941

*Lepidostoma inequale* (AV Martynov, 1936) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185

Reported from Bhutan as "*Lepidostoma inaequalis*" AV Martynov by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Dinarthrodes inequale* AV Martynov, 1936

*Lepidostoma inerme* (R McLachlan, 1878) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181;

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 281, f 100-106;

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2 "Type series: 10 males, 4 females, the latter in spirits, Jammu & Kashmir, Leh, 7th September. [The type series was originally deposited in the Zoological Survey of India, Calcutta. We have been informed by Dr AK Sanyal that the type could not be found, but five cotypes in damaged condition were observed.]--VD Ivanov, 1991, Acta Hydro-entomol Latvica 1: 58." (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 281) India)

*Dinarthrum inerme* R McLachlan, 1878

*Lepidostoma inferius* (L Navas, 1931) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Uganda)

*Crunoeciella inferius* L Navas, 1931

*Lepidostoma inops* (G Ulmer, 1926) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185

Male redescribed, in *Lepidostoma hirtum* Branch and *Lepidostoma inops* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294, f 280-287 Holotype [not found at Zoologisches Institut und Zoologisches Museum, Hamburg, Germany]--Male; China: Guangdong, Lo fau Shan (Mt), 24-vi-1918; deposited in the R Mell Collection (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294) China (Guangdong))

*Mellomyia inops* G Ulmer, 1926

*Lepidostoma inthanon* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Thailand)

*Dinarthrum inthanon* H Malicky & P Chantaramongkol, 1994

*Lepidostoma iranicum* (F Schmid, 1959) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181



Reported from Iran, as *Dinarthrum iranicum* F Schmid, by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from China (Xinjiang) as *Lepidostoma iranica* (F Schmid) by XY Huang, JH Zhang, & W Wang, 2005, *Journal of Shihezi University (Natural Science)* 23(4): 470, 471

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Iran)

*Dinarthrum iranicum* F Schmid, 1959

*Lepidostoma iriomotense* (T Ito, 1999) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 185 Japan (Iriomote Island))

*Goerodes iriomotense* T Ito, 1999

*Lepidostoma itoae* (K Kumanski & JS Weaver, 1992) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181 Korea)

*Dinarthodes itoae* K Kumanski & JS Weaver, 1992

*Lepidostoma ixtlahuaca* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Hidalgo))

*Lepidostoma jacobsoni* (G Ulmer, 1910) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 185

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Java)

*Neolepidostoma jacobsoni* G Ulmer, 1910

*Lepidostoma japonensis* (DE Kimmins, 1962) : AU (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 185 New Guinea)

*Goerodes japonensis* DE Kimmins, 1962

*Lepidostoma japonicum* (M Tsuda, 1936) (Emended larval diagnosis of *Goerodes japonicum* Species Group by T Ito, 1999, *Entomol Sci* 2(4): 501

Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, *Hyogo Freshwater Biology* 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Reported from Japan (Izu Archipelago, Hokkaido, Honshu, Sado, Kyushu, Yaku-shima) by K Satake & RB Kuranishi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 279-284

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Atomyiella japonicum* M Tsuda, 1936

*Lepidostoma jewetti* HH Ross, 1946 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 179 United States of America)

*Lepidostoma kamba* (ME Mosel, 1939) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181 Myanmar)

*Dinarthrum kamba* ME Mosel, 1939

*Lepidostoma kanbaranum* (M Kobayashi, 1968) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 185 Japan)

*Crunoeciella kanbaranum* M Kobayashi, 1968

*Lepidostoma kanda* (ME Mosely, 1941) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 185 Sri Lanka)

*Goerodes kanda* ME Mosely, 1941

*Lepidostoma kantoense* (T Ito, 1994) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181 Japan)

*Goerodes kantoense* T Ito, 1994

*Lepidostoma karagraha* (F Schmid, 1961) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181 Pakistan)

*Dinarthrum karagraha* F Schmid, 1961

*Lepidostoma kasachstanicum* (W Mey & R Jung, 1989) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, *Tijdschr Entomol* 145: 181 Russia (Kazakhstan))

- Dinarthrum kasachstanicum* W Mey & R Jung, 1989  
*Lepidostoma kasugaense* (K Tani, 1971) (Female, larva, and larval case described, transferred to *Goerodes* from *Dinarthrodes* by T Ito, 1999, Jap J Limnol 60(3): 323, 325
- Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40
- Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181
- Occurrence in lakes of Japan, as *Lepidostoma kasugaensis*, discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168
- Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)
- Dinarthrodes kasugaense* K Tani, 1971  
*Lepidostoma kaswabilenga* (S Jacquemart, 1961) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)  
*Goerodes kaswabilenga* S Jacquemart, 1961  
*Lepidostoma katangae* (G Marlier, 1957) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)  
*Goerodes katangae* G Marlier, 1957  
*Lepidostoma kellyi* (JS Weaver & J Huisman, 1992) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Malaysia (Sabah))  
*Dinarthrum kellyi* JS Weaver & J Huisman, 1992  
*Lepidostoma kephalos* H Malicky, 2004 : OL (Male described originally near *Lepidostoma conjunctum* Holotype--Male; Indonesia: Jawa Timur, Waldbach westlich Trawas, 800 m, 7\*40'S, 112\*35'E, 21-iv-2003, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Java Timor))  
*Lepidostoma khasianum* (ME Mosely, 1949) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 India)  
*Goerodes khasianum* ME Mosely, 1949  
*Lepidostoma khorassanicum* (F Schmid, 1959) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181
- Reported from Iran, as *Dinarthrum Khorassanicum* F Schmid, 1959, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Dinarthrum khorassanicum* F Schmid, 1959  
*Lepidostoma kimminsi* JS Weaver, 2002 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Myanmar)  
Syn.: *Agoerodes orientalis* ME Mosely, 1949  
*Lepidostoma kimsa* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 India)  
*Adinarthrella kimsa* ME Mosely, 1941  
*Lepidostoma kivuense* (G Marlier, 1952) : AT (Described originally in "1953" according to FCJ Fischer, 1970, Trich Cat 11: 21
- Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)  
*Goerodes kivuense* G Marlier, 1952  
*Lepidostoma knulli* HH Ross, 1946 : NA, NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179
- Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337
- Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35
- Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States

of America)

Syn.: *Lepidostoma leechi* DG Denning, 1962

*Lepidostoma kojimai* (K Tani, 1971) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185

Distributed in Japan (Honshu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255 Japan)

*Paradinarthrodes kojimai* K Tani, 1971

*Lepidostoma koutchik* (F Schmid, 1959) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181R>Reported from Iran, as *Dinarthrum koutchik* F Schmid, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Dinarthrum koutchik* F Schmid, 1959

*Lepidostoma kumanoense* (T Ito, 1994) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Japan)

*Goerodes kumanoense* T Ito, 1994

*Lepidostoma kumanskii* (H Malicky, 1982) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Tunisia)

*Goerodes kumanskii* H Malicky, 1982

*Lepidostoma kunigamiense* (T Ito, 1999) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Japan (Okinawa-jima))

*Goerodes kunigamiense* T Ito, 1999

*Lepidostoma kurseum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Dinarthrum kurseum* ME Mosely, 1949

*Lepidostoma kyllaros* (H Malicky & N Changthong, 2005) : OL (Male described originally, near *Lepidostoma februaryi* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Pitsanulok, Pu Hin Rongkla NP, Romglao-Paradorn WF, 16°59'N, 101°00'E, 1190 m 22-23-viii-2002, leg Chanthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Dinarthrum kyllaros* H Malicky & N Changthong, 2005

*Lepidostoma labdakos* (H Malicky & N Changthong, 2005) : OL (Male described originally Holotype--Male; THAILAND: Prov Pitsanulok, Pu Hin Rongkla NP, Romglao-Paradorn WF, 16°57'N, 101°03'E, 1600 m 4-5-vi-2002, leg Chanthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Dinarthrum labdakos* H Malicky & N Changthong, 2005

*Lepidostoma lacinatum* OS Flint, 1967 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Durango))

*Lepidostoma laeve* (T Ito, 1984) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Japan)

*Dinarthrum laeve* T Ito, 1984

*Lepidostoma lanca* (ME Mosely, 1949) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 India)

*Kodala lanca* ME Mosely, 1949

*Lepidostoma lannaense* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Thailand)

*Dinarthrum lannaense* H Malicky & P Chantaramongkol, 1994

*Lepidostoma latipenne* (N Banks, 1905) : NA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 United States of America)

*Notiopsyche latipenne* N Banks, 1905

*Lepidostoma latona* H Malicky & N Changthong, 2004 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Man Daeng Noi, 16°57'N, 101°03'E, 1600 m, 14-12-2002--17-1-2003, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Lepidostoma latum* (AV Martynov, 1936) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 India)

*Dinarthrum latum* AV Martynov, 1936

*Lepidostoma lenta* W Mey, 1998 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Philippines)

*Lepidostoma leonilae* J Bueno-Soria & A Contreras-Ramos, 1986 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Nuevo Leon))  
*Lepidostoma lescheni* DE Bowles, ML Mathis, & JS Weaver, 1994 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)  
*Lepidostoma leukothoe* (H Malicky, 2007) : OL (Male described originally)

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--Male; BHUTAN: Zhemgang, N von Zhemgang, 27°13'N, 90°39'E, 1600 m, 20-iv-2006, Graf; Lichtfallen; mehrere steile Gerinne mit lockerem Schiefer-Geroell; deposited in NECS, Thimphu Bhutan)

*Dinarthrum leukothoe* H Malicky, 2007

*Lepidostoma liba* HH Ross, 1941 : NA (New nematode parasite *Pheromermis* (Mermithidae) reported by DP Molloy, WS Vinikour, & RV Anderson, 1999, J Invert Pathol 74(1): 89-95)

*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177

In laboratory, specimens fed *Bacillus thuringiensis* var *israelensis* corn litter had >50% growth rate according to EJ Rosi-Marshall, JL Tank, TV Royer, MR Whiles, M Evans-White, C Chambers, NA Griffiths, J Pokelsek, & ML Stephen, 2007, Proceedings of the National Academy of Sciences 104(41): 16204-16208; see also RN Beachy, NV Fedoroff, RB Goldberg, & A McHughen, 2008, Proceedings of the national Academy of Sciences 105(7): E9; W Parrott, 2008, Proceedings of the National Academy of Sciences 105(7): E10; and EJ Rosi-Marshall, JL Tank, TV Royer, & MR Whiles, 2008, Proceedings of the National Academy of Sciences 105(7): E11 United States of America)

*Lepidostoma liber* (H Malicky, 2007) : OL (Male described originally)

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--Male; BHUTAN: Punakha, Damji, 1500 m, 27°41'N, 89°46'E, 24-iv-2006, Graf; Lichtfallen; Waldbach aehnlich wie voriger; deposited in the NECS, Thimphu Bhutan)

*Dinarthrum liber* H Malicky, 2007

*Lepidostoma libitana* (H Malicky, 2003) : OL (Male described originally)

Reported from Bhutan as "*Indocrunoecia libitana*" H Malicky by H Malicky, 2007, Linzer biol Beitr 39(1): 498 Holotype--Male; India: Himachal Pradesh, Naggara Nala, 12-6-1996; deposited in the H Malicky Collection, Lunz am See, Austria India)

*Indocrunoecia libitana* H Malicky, 2003

*Lepidostoma licola* DG Denning, 1975 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma ligulatum* (DG Gibbs, 1973) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Ghana)

*Goerodes ligulatum* DG Gibbs, 1973

*Lepidostoma lindbergi* (F Schmid, 1963) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Afghanistan)

*Dinarthrum lindbergi* F Schmid, 1963

*Lepidostoma lobatum* JB Wallace & FF Sherberger, 1972 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma longipalpatum* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Sichuan, Luding Co, N29.9 E102.2, Houshan Hydroelectric Station, 1350 m, 7-vi-1996, light trap, leg Wang Beixin & Zhou Changfa; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Lepidostoma longipenis* (JS Weaver, 1989) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra)

*Dinarthroopsis longipenis* JS Weaver, 1989

*Lepidostoma longipilosum* (F Schmid, 1965) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181)

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 276-277, f 34-40 Holotype--Male; China: Yunnan, Li-Kiang, 9-vii-1934, leg H Hoene; deposited in Zoologische Forschungsinstitut und Museum A Koenig, Bonn, Germany (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 276) China (Yunnan))

*Anacrugnoecia longipilosum* F Schmid, 1965

*Lepidostoma longiplicatum* (AV Martynov, 1913) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Russia (Caucasus))

*Dinarthrum longiplicatum* AV Martynov, 1913

*Lepidostoma longispina* (C Hwang, 1958) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185)

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 298-299, f 363-368 Holotype--Male [without head]; China: Fujian, Shaowu, 21-iv-1944, leg Zhao Xin-fu; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 298) China (Fujian))

*Dinarthrum longispina* C Hwang, 1958

*Lepidostoma lotor* HH Ross, 1946 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 United States of America)

*Lepidostoma luberoense* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)

*Goerodes luberoense* G Marlier, 1953

*Lepidostoma lumellatum* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Zhejiang, Qingyuan Co, Bai-shan-zu Mt, 18-v-1994, 1500 m, leg Wu Hong; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Lepidostoma lydia* HH Ross, 1939 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma ma* (H Malicky, 2007) : OL (Male described originally

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--Male; BHUTAN: Thimphu, Motithang (beim Takin-Gehege), 27\*29'N, 89\*37'E, 2600 m, 16-iv-2006, Graf & Malicky; Lichtfallen; Rinsal im Foehrenwald; deposited in NECS, Thimphu Bhutan)

*Dinarthrum ma* H Malicky, 2007

*Lepidostoma macroceron* JS Weaver & T Andersen, 1995 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Ghana)

*Lepidostoma madagassicum* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma tamatavicum* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Fianarantsoa Province, Ranomafana, 600 m, 21-x-1988, leg WE Steiner & R van Epps; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma malaisei* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Myanmar)

*Agoerodes malaisei* ME Mosely, 1949

*Lepidostoma malickyi* (JS Weaver, 1989) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185)

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Nias))

*Goerodes malickyi* JS Weaver, 1989

*Lepidostoma margula* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 India)

*Agoerodes margula* ME Mosely, 1949

*Lepidostoma martius* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181 Thailand)

*Dinarthrum martius* H Malicky & P Chantaramongkol, 1994

*Lepidostoma martynovi* JS Weaver, 2002 : PA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 181)

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 Uzbekistan)  
 Syn.: *Dinarthrum modestum* AV Martynov, 1928  
*Lepidostoma medium* (N Banks, 1934) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Malaysia (Sabah))  
*Goerinella medium* N Banks, 1934  
*Lepidostoma memotong* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Indonesia (Sulawesi))  
*Lepidostoma menoitios* (H Malicky, 2007) : OL (Male described originally)

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 180 Holotype--Male; BHUTAN: Thimphu, Jhomolhari trek, Jangothang base camp, 4100-4400 m, 27°49'N, 89°20'E, 31-vii-1-viii-2005, Haenstein, Kautt, & Naumann; deposited in NECS, Thimphu Bhutan)  
*Dinarthrum menoitios* H Malicky, 2007  
*Lepidostoma mergarum* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma brunneum* (G Ulmer) Holotype--Male; MADAGASCAR: Mangoky Basin, Zomandao River, Andringitra National Park, 30-xi-1993, 46:53:46 E, 22:07:12 S [46°53'46"E, 22°07'12"S], alt 1600 m, light trap; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)  
*Lepidostoma mesoplicatum* (AV Martynov, 1913) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Georgia)  
*Dinarthrum mesoplicatum* AV Martynov, 1913  
*Lepidostoma mexicanum* (N Banks, 1901) : NA, NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Distrito Federal))  
*Olemira mexicanum* N Banks, 1901  
 Syn.: *Atomyiodes bispinosa* G Ulmer, 1911  
 Syn.: *Lepidostoma alexanderi* DG Denning, 1962  
*Lepidostoma minus* (N Banks, 1931) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Philippines)  
*Goerinella minus* N Banks, 1931  
*Lepidostoma mioshi* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)  
*Goerodes mioshi* G Marlier, 1953  
*Lepidostoma mirabile* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185 Democratic Republic of the Congo)  
*Goerodes mirabile* G Marlier, 1953  
*Lepidostoma mitchelli* OS Flint & GB Wiggins, 1961 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)  
*Lepidostoma modestum* (N Banks, 1905) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)  
*Atomyia modestum* N Banks, 1905  
*Lepidostoma montatan* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185)

Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)  
*Lepidostoma morsei* JS Weaver, 1988 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)  
*Lepidostoma moulmina* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Adinarthrum moulmina* ME Mosely, 1949  
*Lepidostoma multicavatum* L Yang & JS Weaver, 2002 (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Henan, Xixia Co, N33.3 E111.4, Wangshian Forest Farm, 900 m, 17-vii-1998, sweeping, leg Du Yuzhou; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Henan))  
*Lepidostoma myohyangsanicum* (K Kumanski & JS Weaver, 1992) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Korea)  
*Dinarthrodes myohyangsanicum* K Kumanski & JS Weaver, 1992

*Lepidostoma nagana* (ME Mosely, 1939) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 India)

*Dinarthrum nagana* ME Mosely, 1939

*Lepidostoma nanseiense* (T Ito, 1990) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 185-186 Japan)

*Goerodes nanseiense* T Ito, 1990

*Lepidostoma naraense* (K Tani, 1971) (Emended larval diagnosis of *Goerodes naraensis* Species Group by T Ito, 1999, Entomol Sci 2(4): 501)

Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Japan)

*Crunobiodes naraense* K Tani, 1971

*Lepidostoma navasi* JS Weaver, 2002 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Vietnam)

Syn.: *Dinarthrum hirta* L Navas, 1932

*Lepidostoma nayarkot* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Lepidostoma neboissi* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Indonesia (Sulawesi))

*Lepidostoma nigrescens* (W Mey & R Jung, 1989) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182)

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470, 471 Kirghizstan)

*Dinarthrum nigrescens* W Mey & R Jung, 1989

*Lepidostoma nudatum* (L Navas, 1931) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Uganda)

*Crunoeciella nudatum* L Navas, 1931

*Lepidostoma nuristanicum* (F Schmid, 1963) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Afghanistan)

*Dinarthrum nuristanicum* F Schmid, 1963

*Lepidostoma oaxacense* J Bueno-Soria & A Contreras-Ramos, 1986 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Oaxaca))

*Lepidostoma octobrius* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Thailand)

*Dinarthrum octobrius* H Malicky & P Chantaramongkol, 1994

*Lepidostoma octolobium* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Sabah))

*Lepidostoma ojanum* JS Weaver & MJ Myers, 1998 : NA (Conservation implications of dispersal from desert springs as indicated by mtDNA sequences in California and Nevada discussed by MJ Myers, FAH Sperling, & VH Resh, 2001, Journal of Insect Conservation 5(3): 207-215)

*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma olahi* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma grana* (ME Mosely) Holotype--Male; MADAGASCAR: Rianila Basin, Sahatandra River, near bridge on road to Lakato, 48°21'43"E, 19°02'40"S, alt 1050 m, 27-x-1998, light trap; deposited in the private collection of JS Weaver III, Concord, New Hampshire, United States of America Madagascar)

*Lepidostoma olimpense* (F Cakin & H Malicky, 1983) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Turkey)

*Lasiocephala olimpense* F Cakin & H Malicky, 1983

*Lepidostoma oma* (ME Mosely, 1939) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Kenya)

*Goerodes oma* ME Mosely, 1939

*Lepidostoma ontario* HH Ross, 1941 : NA (*Lepidostoma podagrum* Branch according to JS Weaver,

2002, Tijdschr Entomol 145: 179 Canada)

*Lepidostoma opulentum* (G Ulmer, 1926) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Male redescribed, in *Lepidostoma hirtum* Branch and *Lepidostoma inops* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294, f 288-293 Holotype--Male; China: Guangdong, Teeberg, 8-viii-1918; deposited in der zoologisches Institut und Zoologisches Museum, Hamburg, Germany (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294) China (Guangdong))

*Mellomyia opulentum* G Ulmer, 1926

*Lepidostoma oreion* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Sabah))

*Lepidostoma orientale* (M Tsuda, 1942) : OL (Redescriptions of male and female by K Kumanski & JS Weaver III, 1992, Aq Ins 14: 166, f 24

Emended larval diagnosis of *Goerodes orientalis* Species Group by T Ito, 1999, Entomol Sci 2(4): 501

Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40

*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

,BR>Male redescribed from China, in the *Lepidostoma hirtum* Branch and *Lepidostoma flavum* Species Group, by L Yang & JS weaver, 2002, Tijdschr Entomol 145: 297, f 341-348

Distributed in Japan (Honshu, Shikoku, Kyushu), Russia (Far East), China, Korea according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Holotype [possibly lost]--Male; Japan: Honshu (L yang & JS Weaver, 2002, Tijdschr Entomol 145: 297) Japan)

*Crunoeciella orientale* M Tsuda, 1942

*Lepidostoma ormeum* HH Ross, 1946 : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 United States of America)

Syn.: *Lepidostoma moneka* DG Denning, 1968

Syn.: *Lepidostoma querla* DG Denning, 1949

*Lepidostoma ozarkense* OS Flint & PA Harp, 1990 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma palawanense* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Philippines (Palawan))

*Lepidostoma palawanensis* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Reported from The Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Thailand)

*Lepidostoma palmipes* (T Ito, 1986) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol, 2002, Tijdschr Entomol 145: 283-284, f 145-149 Holotype--Male; Nepal: Godavari, Kathmandu, Botanical garden, 1400 m, 19-v-1983 (pupa emerged on same date); deposited in Hokkaido Univ, Japan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 284) Nepal)

*Goerodes palmipes* T Ito, 1986

*Lepidostoma palnia* (ME Mosely, 1949) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 India)

*Goerodes palnia* ME Mosely, 1949

*Lepidostoma palpale* ME Mosely, 1949 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Myanmar)

*Lepidostoma parvulum* (R McLachlan, 1875) : PA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264



"Habitat in valle Sarafschanensi et prope Schachimardan (Kokan)" Uzbekistan)

*Mormonia ? parvulum* R McLachlan, 1875

*Lepidostoma parvum* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Myanmar)

*Adinarthrella parvum* ME Mosely, 1941

*Lepidostoma pastinium* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma olahi* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Lokoho Basin, Manatanenina River, Marojejy National Park, 25-xi-1999, 49:46:20 E, 14:26:02 S [49°46'20"E, 14°26'02"S], alt 450 m, light trap, E Doumenq; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma pedang* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Indonesia (Sulawesi))

*Lepidostoma pendulum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Sabah))

*Lepidostoma penicillatum* (R McLachlan, 1875) : PA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 "Habitat in regno Kokanico" Uzbekistan)

*Maniconeura penicillatum* R McLachlan, 1875

*Lepidostoma piceum* (G Ulmer, 1913) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Indonesia (Java))

*Dinarthroopsis piceum* G Ulmer, 1913

Syn.: *Dinarthrodes niger* N Banks, 1913

*Lepidostoma pictile* (N Banks, 1899) : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Mormonia pictile* N Banks, 1899

Syn.: *Lepidostoma swannanoa* HH Ross, 1939

*Lepidostoma pilosum* L Navas, 1928 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 East Africa)

*Lepidostoma piscinum* (HA Hagen, 1859) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Sri Lanka)

*Mormonia piscinum* HA Hagen, 1859

*Lepidostoma pluviale* (LJ Milne, 1936) : NA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 United States of America)

*Olemira pluviale* LJ Milne, 1936

Syn.: *Lepidostoma rhino* HH Ross, 1946

Syn.: *Lepidostoma veleda* DG Denning, 1948

*Lepidostoma podagrum* (R McLachlan, 1871) : NA (Male head, prothorax, wings, genitalia refigured, belonging to *Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 176, 179

Oviposition behavior described (as *Lepidostoma podagerum*) by A Hoffman & VH Resh, 2005, Proc Internatn Symp Trichoptera 11: 175-179 United States of America)

*Nosopus podagrum* R McLachlan, 1871

*Lepidostoma polylepidum* RW Holzenthal & RM Strand, 1992 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Costa Rica)

*Lepidostoma posdnjakovi* (W Mey, 1986) : PA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 Kirgizia)

*Dinarthrurum posdnjakovi* W Mey, 1986

*Lepidostoma posticatum* (N Banks, 1931) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Peninsular))

*Goerinella posticatum* N Banks, 1931

*Lepidostoma pratetaiense* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Thailand)

*Dinarthrurum pratetaiense* H Malicky & P Chantaramongkol, 1994

*Lepidostoma prominens* (N Banks, 1930) : NA (*Lepidostoma podagrum* Branch according to JS

Weaver, 2002, Tijdschr Entomol 145: 179 Canada)  
*Arcadopsyche prominens* N Banks, 1930  
*Lepidostoma propriopalpus* (C Hwang, 1957) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Male redescribed, in *Lepidostoma hirtum* Branch and *Lepidostoma inops* Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296, f 309-315

Reported from Vietnam, as *Lepidostoma propriopalpatum*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Holotype--Male; China: Fujian, Shaowu, 23-v-1945, leg Fu Chong-guang; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 296) China (Fujian))  
*Goerinema propriopalpus* C Hwang, 1957  
*Lepidostoma pseudabruptum* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Thailand)  
*Lepidostoma pugnax* (R McLachlan, 1875) : PA (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 "Habitat in valle Sarafschanensi et prope Iskander-kul" Tadzjikistan)  
*Dinarthrum pugnax* R McLachlan, 1875  
*Lepidostoma punjubicum* (AV Martynov, 1936) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan as *Dinarthrum punjubicum* AV Martynov by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)  
*Dinarthrum punjubicum* AV Martynov, 1936  
*Lepidostoma punkata* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Myanmar)  
*Agoerodella punkata* ME Mosely, 1941  
*Lepidostoma pusillum* (AV Martynov, 1931) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 279, f 68-73 Holotype--Male; China: Sichuan, Yellow Dragon Temple, near Songpan, 11,000-14,000 feet [3350-4300 m], 17-20-vii-1924; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 279) China ("Songpan" Sichuan))  
*Eodinarthrum pusillum* AV Martynov, 1931  
*Lepidostoma qilini* JS Weaver, 2002 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 China (Fujian))  
Syn.: *Dinarthrum pilosum* C Hwang, 1957  
*Lepidostoma quadrispinum* (LP Hsu & CS Chen, 1996) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol, 2002, Tijdschr Entomol 145: 283-284, f 145-149 Holotype--Male; Taiwan: Taoyuan, Koyu Stream, 1700 m, 29-vi-1988, leg E Chen; deposited in the National Museum of Natural Science, Taichung, Taiwan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 283) Taiwan)  
*Goerodes quadrispinum* LP Hsu & CS Chen, 1996  
*Lepidostoma quaternarium* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Sabah))  
*Lepidostoma quercinum* HH Ross, 1938 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma quila* J Bueno-Soria & J Padilla-Ramirez, 1981 : NA, NT (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Estado de Mexico))  
*Lepidostoma ramosum* (ME Mosely, 1949) : OL (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Myanmar)  
*Goerodella ramosum* ME Mosely, 1949  
*Lepidostoma ratanapruxi* H Malicky & P Chantaramongkol, 1994 : OL (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Thailand)  
*Lepidostoma rayneri* HH Ross, 1941 : NA (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 United States of America)  
Syn.: *Lepidostoma crypta* DG Denning, 1964  
Syn.: *Lepidostoma fischeri* DG Denning, 1968  
*Lepidostoma recina* DG Denning, 1954 : NA (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)  
Syn.: *Lepidostoma calense* DG Denning, 1968  
*Lepidostoma rectangulare* OS Flint, 1967 : NA (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Durango))  
*Lepidostoma recurvatum* L Yang & JS Weaver, 2002 : OL (In Lepidostoma ferox Branch, male described originally Holotype--Male; China: Yunnan, Li-jiang Co, N26.8, E100.2, Shigu, Chong Jiang, 1750 m, 25-v-1996, light trap, leg Yang Lianfang & Du Yuzhou; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Yunnan))  
*Lepidostoma reductum* (AV Martynov, 1915) : OL, PA (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 Uzbekistan)

*Dinarthrum reductum* AV Martynov, 1915  
*Lepidostoma reimoseri* OS Flint & J Bueno-Soria, 1977 : NT (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Costa Rica)  
*Lepidostoma relictum* (AV Martynov, 1928) : PA (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 Uzbekistan)

*Dinogoerodes relictum* AV Martynov, 1928  
*Lepidostoma rema* (ME Mosely, 1939) : OL (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 India)  
*Dinarthrum rema* ME Mosely, 1939  
*Lepidostoma reosa* DG Denning, 1954 : NA (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)  
*Lepidostoma roafi* (LJ Milne, 1936) : NA (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179

Life cycle phenology in temperate rainforest stream discussed by JS Richardson, 2001, Hydrobiologia 455: 87-95 United States of America)

*Atomyia roafi* LJ Milne, 1936  
*Lepidostoma robustum* (T Ito, 1984) (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Japan)  
*Dinarthrum robustum* T Ito, 1984  
*Lepidostoma rufum* (L Navas, 1932) : OL (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Philippines)  
*Crunoeciella rufum* L Navas, 1932  
*Lepidostoma ryukyuense* (T Ito, 1992) (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Japan)  
*Goerodes ryukyuense* T Ito, 1992  
*Lepidostoma saba* H Malicky & SI Melnitsky, 2010 : OL (Male described originally near Lepidostoma gigitaring JS Weaver & J Huisman Holotype--Male; INDONESIA: Sulawesi, 5 km W Mamasa, 15-27-viii-2009, leg N Kluge; deposited in the Zoological Institute, St Petersburg, Russia Indonesia (Sulawesi))  
*Lepidostoma sackeni* (N Banks, 1936) : NA (Lepidostoma vernale Branch according to JS Weaver,

2002, Tijdschr Entomol 145: 177 United States of America)  
*Mormomyia sackeni* N Banks, 1936  
*Lepidostoma saka* (ME Mosely, 1939) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Cameroon)  
*Goerodes saka* ME Mosely, 1939  
*Lepidostoma salomatini* (T Ito & TS Vshivkova, 1994) (The same description (as a "n. sp.") was published also in Report of the Studies on the Structure and Function of River Ecosystems of the Far East 3: 255, 257, f 1

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Russia (Primorye))  
*Goerodes salomatini* T Ito & TS Vshivkova, 1994  
*Lepidostoma satoi* (M Kobayashi, 1968) (Influence of leaf litter quality on larval colonization and consumption reported (as *Goerodes satoi*) by K Motomori, H Mitsuhashi, S Nakano, 2001, Ecological Research 16(2): 173-182

Life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54: 21-40

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182

Role of sarcophagy on development described by T Ito, 2005, Proc Internatn Symp Trichoptera 11: 189-197

Effect of a short-day photoperiod on adults described by T Ito, 2007, Proceedings of the International Symposium on Trichoptera 12: 155-161 Japan)  
*Dinarthrodes satoi* M Kobayashi, 1968  
*Lepidostoma schwendingeri* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Thailand)  
*Lepidostoma scotti* (G Ulmer, 1930) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Ethiopia)  
*Crunoeciella scotti* G Ulmer, 1930  
*Lepidostoma semicircularare* (T Ito, 1994) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Japan)  
*Goerodes semicircularare* T Ito, 1994  
*Lepidostoma seneca* H Malicky, 2011 (Male described originally In the *Lepidostoma ferox* Branch Holotype--Male; China: Shaanxi, Qin-ling Mts, 1600 m, 34\*13'N, 106\*58'E, 31-v-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))  
*Lepidostoma senectute* (W Mey, 1990) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Philippines)  
*Goerodes senectute* W Mey, 1990  
*Lepidostoma septembrius* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Thailand)  
*Dinarthrum septembrius* H Malicky & P Chantaramongkol, 1994  
*Lepidostoma serratum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 India)  
*Goerodina serratum* ME Mosely, 1949  
*Lepidostoma shanta* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 182 Holotype--Male; MYANMAR: South Shan States, Road 40 km E of Taunggyi, 13-x-1934, R Malaise; deposited in the Stockholm Museum, Sweden Burma)  
*Dinarthrena shanta* ME Mosely, 1941  
*Lepidostoma sibuyanum* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Philippines)  
*Lepidostoma sichuanense* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: "Szechwan 1929 Stevens ex field Mus"; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America China (Sichuan))

*Lepidostoma signicostale* (W Mey, 1990) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Philippines)

*Goerodes signicostale* W Mey, 1990

*Lepidostoma sika* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Agoerodes sika* ME Mosely, 1949

*Lepidostoma simalungense* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186)

Listed from Indonesia (Sumatra), as *Lepidostoma simalungensis*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Lepidostoma simplex* (DE Kimmins, 1964) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan as *Dinarthrum simplex* (DE Kimmins) by H Malicky, 2007, Linzer biol Beitr 39(1): 498 Nepal)

*Adinarthrum simplex* DE Kimmins, 1964

*Lepidostoma simulans* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Agoerodes simulans* ME Mosely, 1949

*Lepidostoma sinuatum* (AV Martynov, 1935) (Redescriptions of male and female, K Kumanski & JS Weaver III, 1992, Aq Ins 14: 160-161, f 12-14)

Recorded from South Korea by SJ Park & YJ Bae, 1999, Korean J Limnol 32(4): serial number 88: 303-307

Transferred to *Goerodes* by T Ito, 2001, Limnology 2: 8

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278-279, f 62-67 Holotype--Male; Russia: Suchan, Ussuri Region, 11-12-vii-[19]28, Kurentzov; deposited in Zoological Institute of the Russian Academy of Science, St Petersburg, Russia (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278) Russia (Primorye))

*Crunobiodes sinuatum* AV Martynov, 1935

Syn.: *Agoerodes spinosus* J Olah, 1985

Syn.: *Crunobiodes koriaensis* M Kobayashi, 1989

*Lepidostoma siribhum* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Thailand)

*Dinarthrum siribhum* H Malicky & P Chantaramongkol, 1994

*Lepidostoma sjoestedti* (G Ulmer, 1908) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Tanganyika, Ruanda-Urundi)

*Crunoeciella sjoestedti* G Ulmer, 1908

*Lepidostoma sommermanae* HH Ross, 1946 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma sonomax* (ME Mosely, 1939) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; China: Tibet, Sonamarg, 28-ix-1932, leg GE Hutchinson; deposited in The Natural History Museum, London, United Kingdom China (Tibet))

*Dinarthrum sonomax* ME Mosely, 1939

*Lepidostoma spathulatum* (T Ito, 1989) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Japan)

*Goerodes spathulatum* T Ito, 1989

*Lepidostoma speculiferum* (S Matsumura, 1907) (Transferred to *Goerodes* from *Pycnocentria* by T Ito,

1999, Jap J Limnol 60(3): 326

*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 25

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 (Japan)

*Pycnocentria speculiferum* S Matsumura, 1907

Syn.: *Dinarthrodes nukabiraensis* M Kobayashi, 1964

*Lepidostoma spicatum* DG Denning, 1954 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

Syn.: *Lepidostoma roemhildi* DG Denning, 1983

*Lepidostoma squamosum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Goerodes squamosum* ME Mosely, 1949

*Lepidostoma steelae* (ME Mosely, 1941) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Reported from Bhutan as *Dinarthrum steelae* (ME Mosely) by H Malicky, 2007, Linzer biol Beitr 39(1): 498 Myanmar)

*Dinarthrena steelae* ME Mosely, 1941

*Lepidostoma steineri* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma madagassicum* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, 17-22-ii-1990, at black light trap in mountain rain forest near river and streams, leg WE Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma steinhauseri* OS Flint & J Bueno-Soria, 1977 : NT (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Costa Rica)

*Lepidostoma stellatum* (T Ito, 1984) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Japan)

*Dinarthrum stellatum* T Ito, 1984

*Lepidostoma stigma* N Banks, 1907 : NA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 United States of America)

Syn.: *Lepidostoma knowltoni* HH Ross, 1938

*Lepidostoma stubbei* (W Mey, 1980) (Incorrectly latinized as "*Maniconera stubbei*," as indicated by the fact that the "*Derivatio nominis*" stated, "Die Art is dem langjaehrigen Expeditionsleiter und Saeugetierspezialisten Dr. Michael Stubbe sowie seiner Gattin Annegret Stubbe in freundschaftlicher Verbundenheit gewidmet." Because this is an incorrect latinization and not an inadvertent, typographical "lapsus calami," the original spelling must be maintained)

*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Mongolia)

*Maniconeura stubbei* W Mey, 1980

*Lepidostoma styliferum* OS Flint & GB Wiggins, 1961 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Lepidostoma subanganum* (G Ulmer, 1951) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 33 Indonesia (Sumatra)

*Dinarthroopsis subanganum* G Ulmer, 1951

*Lepidostoma subangulatum* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Democratic Republic of the Congo)

*Goerodes subangulatum* G Marlier, 1953

*Lepidostoma subtortus* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male)

described originally Holotype--Male; China: Fujian, Chongan Co, 29 km N of Chongan, 408 km marker, 29-v-1990, leg John C Morse & Yang Lianfang; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Fujian))

*Lepidostoma surashtra* (F Schmid, 1961) : OL (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Pakistan)

*Dinarthrum surashtra* F Schmid, 1961

*Lepidostoma surhamulatum* L Yang & JS Weaver, 2002 : OL (In Lepidostoma ferox Branch, male described originally Holotype--Male; China: Guizhou, Shuiyang County, N27.9 E107.1, 26-x-1994, 1700 m, leg Du Yuzhou; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Guizhou))

*Lepidostoma sylvaticum* (G Marlier, 1953) : AT (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Democratic Republic of the Congo)

*Goerodes sylvaticum* G Marlier, 1953

*Lepidostoma tadshikistanicum* (W Mey, 1981) : PA (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Occupying WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 564 Tadzshikistan)

*Dinarthrum tadshikistanicum* W Mey, 1981

*Lepidostoma taichungense* (LP Hsu & CS Chen, 1996) : OL (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186)

Male redescribed from China, in Lepidostoma hirtum Branch and Lepidostoma inops Species Group, by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 295, f 298-302 Holotype--Male; Taiwan: Taichung, Shiwen Stream, 700 m, 2-ix-1991, leg Li Peng Hsu; ; deposited in National Museum of Natural Science, Taichung, Taiwan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 295) Taiwan)

*Goerodes taichungense* LP Hsu & CS Chen, 1996

*Lepidostoma taiwanense* (T Ito, 1992) : OL (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278, f 53-55 Holotype--Male; Taiwan: Taichung, Shueh Shan (Mt), 2400 m, 1-viii-1989, leg M Sato; deposited in National Science Museum, Tokyo, Japan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 278) Taiwan)

*Dinarthrum taiwanense* T Ito, 1992

*Lepidostoma talamancense* OS Flint & J Bueno-Soria, 1977 : NT (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Costa Rica)

*Lepidostoma tamatavicum* JS Weaver & FM Gibon, 2007 : AT (Male described originally near Lepidostoma madagassicum JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Toamasina Province, 3 km E Perinet, 25-iv-1963, leg ED Cashatt; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma tanmounense* (LP Hsu & CS Chen, 1996) : OL (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186)

Male redescribed, in Lepidostoma hirtum Branch and Lepidostoma inops Species Group, from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294-295, f 294-297 Holotype--Male; Taiwan: Tanmoun, 50 m, 12-vii-1988, leg E Chen; deposited in National Museum of Natural Science, Taichung, Taiwan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 294) Taiwan)

*Goerodes tanmounense* LP Hsu & CS Chen, 1996

*Lepidostoma tapanti* RW Holzenthal & RM Strand, 1992 : NT (Lepidostoma podagrum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Costa Rica)

*Lepidostoma taunggya* (ME Mosely, 1949) : OL (Lepidostoma ferox Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Adinarthrum taunggya* ME Mosely, 1949

*Lepidostoma taurocorne* L Yang & JS Weaver, 2002 : OL (In Lepidostoma ferox Branch, male described originally Holotype--Male; Taiwan [Formosa]: Arisan, 3-vi-1932, leg L Gressitt; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Taiwan)

*Lepidostoma tectore* (A Neboiss, 1991) : OL (Lepidostoma hirtum Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Indonesia (Sulawesi))

*Goerodes tectore* A Neboiss, 1991

*Lepidostoma tenellum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Malaysia (Sabah))

*Lepidostoma tenerifense* H Malicky, 1992 (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 Spain (Canary Islands))

*Lepidostoma tesarum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183

Reported from Bhutan as *Dinarthrum tesarum* (ME Mosely) by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Goerodella tesarum* ME Mosely, 1949

*Lepidostoma textor* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2006 : NT (Male described originally, "appears slightly related to *L delongi*," a junior primary homonym of *Lepidostoma weaveri* SC Harris, 1986, Proceedings ent Soc Wash 88(1): 36, figs Holotype--Male; Mexico: Estado de Mexico, Temascaltepec, Real de Arriba, el 1740 m, 2-vi-1990, R Gavino and A Rojas; deposited in the CNIN XXX? Mexico (Estado de Mexico))

Syn.: *Lepidostoma weaveri* J Bueno-Soria

*Lepidostoma thola* H Malicky & SI Melnitsky, 2010 : OL (Male described originally near *Lepidostoma memotong* JS Weaver & J Huisman and *Lepidostoma neboissi* JS Weaver & J Huisman Holotype--Male; INDONESIA: Sulawesi, 5 km W Mamasa, 15-27-viii-2009, leg N Kluge; deposited in the Zoological Institute, St Petersburg, Russia Indonesia (Sulawesi))

*Lepidostoma tiani* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Anhui, Xi Co, Yangjiatan, Fengyuanshui River, 24-v-1990, 215 m, leg John C Morse & Sun Changhai; deposited in the Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Anhui))

*Lepidostoma tibama* ME Mosely, 1949 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Lepidostoma tibiale* (FM Carpenter, 1933) : NA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186 United States of America)

*Neuropsyche tibiale* FM Carpenter, 1933

Syn.: *Lepidostoma rileyi* DG Denning, 1948

*Lepidostoma timbaka* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Anacrunoecia timbaka* ME Mosely, 1949

*Lepidostoma togatum* (HA Hagen, 1861) : NA (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 186

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Canada)

*Mormonia togatum* HA Hagen, 1861

Syn.: *Pristosilo canadensis* N Banks, 1899

Syn.: *Silo pallidus* N Banks, 1897

*Lepidostoma tridentatum* (JS Weaver & J Huisman, 1992) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Malaysia (Sabah))

*Dinarthrum tridentatum* JS Weaver & J Huisman, 1992

*Lepidostoma tridigitum* (L Yang & B Wang, 1997) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 China (Hubei))

*Dinarthrum tridigitum* L Yang & B Wang, 1997

*Lepidostoma tsudai* (K Tani, 1971) (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187

Distributed in Japan (Honshu, Kyushu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Yamatopsyche tsudai* K Tani, 1971

*Lepidostoma tungyawense* (H Malicky & P Chantaramongkol, 1994) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Thailand)



*Dinarthrum tungyawense* H Malicky & P Chantaramongkol, 1994  
*Lepidostoma turka* (ME Mosely, 1939) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Kenya)

*Goerodes turka* ME Mosely, 1939  
*Lepidostoma uinta* DC Houghton, 2001 : NA (*Lepidostoma* (Nosopus) near *Lepidostoma verodum* Ross according to DC Houghton, 2001, P Entomol Soc Washington 103: 544-545, f 2)

*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Holotype--XXX?; UNITED STATES OF AMERICA: Utah, Utah County, Uinta National Forest United States of America)

*Lepidostoma ulmeri* (AV Martynov, 1914) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183)

Male redescribed by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 282, f 124-131

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471 Holotype [not found]--Male; China: Xinjiang, "Korla, Sai-chin-Kette, Centralasien, 18-iii-1908, R Tancre"; "The specimens examined from the MCZ and BMNH apparently originated from Martynov's collection. They were collected at the same place and apparently on the same date as the type series of *L. ulmeri*, but bear no type labels. We believe an error was made in the year, either in the specimen labels that read '1903,' or in the original species description that reads '1908.' The MCZ and BMNH specimens were previously determined as *L. pugnax* (McLachlan)." (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 282) China (Xinjiang))

*Dinarthrum ulmeri* AV Martynov, 1914  
*Lepidostoma ulrikae* (S Jacquemart & B Statzner, 1981) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Democratic Republic of the Congo)

*Goerodes ulrikae* S Jacquemart & B Statzner, 1981  
*Lepidostoma uncinatum* JS Weaver & J Huisman, 1992 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Malaysia (Sabah))  
*Lepidostoma unicolor* (N Banks, 1911) : NA (Stream detritivore community response to removal of dominant species in British Columbia reported by JL Ruesink & DS Srivastava, 2001, Oikos 93(2): 221-234)

*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Mormomyia unicolor* N Banks, 1911  
*Lepidostoma ursinum* (HA Hagen, 1858) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Sri Lanka)

*Mormonia ursinum* HA Hagen, 1858  
Syn.: *Goerodes punda* ME Mosely, 1949  
*Lepidostoma varithi* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Thailand)

*Lepidostoma venulare* (N Banks, 1931) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187)

Listed from Indonesia (Sumatra), as *Lepidostoma venularis*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 34 Malaysia (Peninsular))

*Goerinnella venulare* N Banks, 1931  
Syn.: *Goerodes continuatus* N Banks, 1931  
*Lepidostoma vernale* (N Banks, 1897) : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

*Mormonia vernale* N Banks, 1897  
*Lepidostoma veroda* HH Ross, 1948 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma vibrissa* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma volsellatum* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Lokoho Basin, Andranomifotatra River, Marojejy National Park, 29-xi-1999, 49:44:05 E, 14:26:04 S [49\*44'05"E, 14\*26'04"S], alt 1625 m, light trap, E Doumenq; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma vicinum* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Democratic Republic of the Congo)

*Goerodes vicinum* G Marlier, 1953

*Lepidostoma viettei* (G Marlier, 1959) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Sao Tome)

*Goerodes viettei* G Marlier, 1959

*Lepidostoma vipera* (JS Weaver, 1989) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Goerodes vipera* JS Weaver, 1989

*Lepidostoma vittatum* (G Marlier, 1953) : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Democratic Republic of the Congo)

*Goerodes vittatum* G Marlier, 1953

*Lepidostoma volsellatum* JS Weaver & FM Gibon, 2007 : AT (Male described originally near *Lepidostoma steineri* JS Weaver & FM Gibon Holotype--Male; MADAGASCAR: Fianarantsoa Province, 7 km W Ranomafana, 900 m, 8-13-iii-1990, Malise trap across stream, mountain rain forest, leg WE Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Madagascar)

*Lepidostoma volutum* (ME Mosely, 1949) : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Myanmar)

*Agoerodes volutum* ME Mosely, 1949

*Lepidostoma weaveri* SC Harris, 1986 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 United States of America)

*Lepidostoma weirjeinense* (LP Hsu & CS Chen, 1996) : OL (This species was originally misspelled "Goerodes weirjinsis," a lapsus calami, as indicated by internal evidence, and belongs to *Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187

Male redescribed from China by L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 299, f 369-375 Holotype--Male; Taiwan: Kaoshiung, Weirjein Stream, 1200 m, 11-xi-1995, leg Li Peng Hsu; deposited in the National Museum of Natural Science, Taichung, Taiwan (L Yang & JS Weaver, 2002, Tijdschr Entomol 145: 299) Taiwan)

*Goerodes weirjeinense* LP Hsu & CS Chen, 1996

*Lepidostoma wigginsii* JS Weaver, 2002 : NA (*Lepidostoma vernale* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 177 United States of America)

Syn.: *Lepidostoma serratum* OS Flint & GB Wiggins, 1961

*Lepidostoma wliense* JS Weaver & T Andersen, 1995 : AT (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Ghana)

*Lepidostoma xoloti* RW Holzenthal & RM Strand, 1992 : NA (*Lepidostoma podagrum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 179 Mexico (Nayarit))

*Lepidostoma xylochos* (A Neboiss, 1991) : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Indonesia (Sulawesi))

*Goerodes xylochos* A Neboiss, 1991

*Lepidostoma yakushimaense* (T Ito, 1990) (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 Japan)

*Dinarthrum yakushimaense* T Ito, 1990

*Lepidostoma ylesomi* JS Weaver, 2002 : OL (*Lepidostoma ferox* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 183 India)

Syn.: *Adinarthrella brunnea* ME Mosely, 1941

*Lepidostoma yunnanense* L Yang & JS Weaver, 2002 : OL (In *Lepidostoma ferox* Branch, male described originally Holotype--Male; China: Yunnan, Hekou Co, 5 km N of Nanxihe, spring, 20-vii-1990, 300 m, loeg Li Youwen; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Lepidostoma zimmermanni* H Malicky & P Chantaramongkol, 1994 : OL (*Lepidostoma hirtum* Branch according to JS Weaver, 2002, Tijdschr Entomol 145: 187 Indonesia (Sulawesi))

### ***Lepnevaina* GB Wiggins, 1987**

*Lepnevaina signata* GB Wiggins, 1987 (Male and female described originally, but type locality of the original publication ("USSR, Far East, Kanchai, bank of the River Ulas, Ct of Buluhuna, 22-vii-1898, Klements) is in error according to a note provided by GB Wiggins on reprints of the original publication

Belonging to tribe Limnephilini and recorded in Russia for the first time by VN Grigorenko, 2002, Proceedings of the International Symposium on Trichoptera 10: 107, 115 Holotype--Male; MONGOLIA: near Khobdo Aimak [Khovd Aimag?], a pass between rivers Shatsagai and Ulas, approximately 46°31'N, 91°30'E [details of Klements collections provided by IM Kerzhner, 1972, Historical survey of studies of the insect fauna of the Mongolian People's Republic, p 77 IN Insects of Mongolia, number 1, pp 57-112]; deposited in the Zoological Institute, USSR Academy of Sciences, Leningrad Mongolia)

### ***Leptecho* KH Barnard, 1934**

*Leptecho helicothecus* KMF Scott, 1958 : AT (Republic of South Africa)

*Leptecho lupi* KH Barnard, 1934 : AT (Republic of South Africa)

*Leptecho scirpi* KH Barnard, 1934 : AT (Republic of South Africa)

### ***Leptoceriella* F Schmid, 1993**

*Leptoceriella aemulator* F Schmid, 1993 : OL (India)

### ***Leptocerina* ME Mosely, 1932**

*Leptocerina ambohimalaza* F-M Gibon & D Randriamasimanana, 2007 : AT (Madagascar)

*Leptocerina andringitra* F-M Gibon & D Randriamasimanana, 2007 : AT (Madagascar)

*Leptocerina basquini* (G Marlier, 1978) : AT (Gabon)

*Athripsodes basquini* G Marlier, 1978

*Leptocerina connexa* (L Navas, 1930) : AT (Democratic Republic of the Congo)

*Leptocerus connexa* L Navas, 1930

*Leptocerina integra* G Marlier, 1956 : AT (Tanganyika)

*Leptocerina kamoro* F-M Gibon & D Randriamasimanana, 2007 : AT (Madagascar)

*Leptocerina lakato* F-M Gibon & D Randriamasimanana, 2007 : AT (Madagascar)

*Leptocerina madagassicus* (G Ulmer, 1907) : AT (Transferred from *Athripsodes* to *Leptocerina* by F-M Gibon & D Randriamasimanana, 2007, Annales de la Societe Entomologique de France 43(1): 91 Madagascar)

*Leptocerus madagassicus* G Ulmer, 1907

*Leptocerina mauritii* (S Jacquemart, 1963) : AT (Mauritius)

*Leptocerus mauritii* S Jacquemart, 1963

*Leptocerina mlanjensis* ME Mosely, 1932 : AT (Malawi)

*Leptocerina niveicornis* (G Ulmer, 1906) : AT (Gold Coast)

*Leptocerus niveicornis* G Ulmer, 1906

*Leptocerina ophidium* G Marlier, 1965 : AT (Angola)

*Leptocerina pauliani* (HH Ross, 1957) : AT (Reunion)

*Athripsodes pauliani* HH Ross, 1957

*Leptocerina pediculata* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Leptocerina ramosa* (G Ulmer, 1912) : AT (Cameroon)

*Leptocerus ramosa* G Ulmer, 1912

*Leptocerina ramosa pinheyi* DE Kimmins, 1955 (~*ramosa* (G Ulmer, 1912, Dtsche Zentral-Afr Exp 4: 103-105, f 27-29), *Leptocerus*)

*Leptocerina ramosa simulans* ME Mosely, 1932 (~*ramosa* (G Ulmer, 1912, Dtsche Zentral-Afr Exp 4: 103-105, f 27-29), *Leptocerus*)

reduced to subspecies by DE Kimmins, 1955, Occ Pap Corynd Mus 4: 9)

*Leptocerina ramosa trifida* DE Kimmins, 1956 (~*ramosa* (G Ulmer, 1912, Dtsche Zentral-Afr Exp 4: 103-105, f 27-29), *Leptocerus*)  
*Leptocerina spinigera* ME Mosely, 1932 : AT (SierraLeone)  
*Leptocerina talopa* ME Mosely, 1939 : AT (Uganda)  
*Leptocerina ugandana* (G Ulmer, 1931) : AT (Uganda)  
*Leptocerus ugandana* G Ulmer, 1931  
Syn.: *Leptocerina furcata* ME Mosely, 1932

### ***Leptocerus* WE Leach, 1815**

*Leptocerus agamemnon* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)  
*Leptocerus agaue* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)  
*Leptocerus agunachila* F Schmid, 1987 : OL (India)  
*Leptocerus akhunta* F Schmid, 1987 : OL (India)  
*Leptocerus aksu* F Sipahiler, 2005 (Turkey)  
*Leptocerus allaeri* S Jacquemart, 1966 : AT (Democratic Republic of the Congo)  
*Leptocerus amboasaryi* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus americanus* (N Banks, 1899) : NA (United States of America)  
*Setodes americanus* N Banks, 1899  
*Leptocerus amoenus* (G Ulmer, 1951) : OL (Listed from Indonesia (Sumatra), as *Setodes amoena*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Setodes amoenus* G Ulmer, 1951  
*Leptocerus amphioxus* (G Marlier, 1965) : AT (Angola)  
*Ymymia amphioxus* G Marlier, 1965  
*Leptocerus anakus* DG Gibbs, 1973 : AT (Ghana)  
*Leptocerus anchises* H Malicky, 1997 : OL (Laos)  
*Leptocerus ankuchagraha* F Schmid, 1987 : OL (India)  
*Leptocerus anuradha* (F Schmid, 1958) : OL (Sri Lanka)  
*Setodes anuradha* F Schmid, 1958  
*Leptocerus aprachasta* F Schmid, 1987 : OL (India)  
*Leptocerus argentoniger* (G Ulmer, 1915) : OL (Sri Lanka)  
*Setodes argentoniger* G Ulmer, 1915  
*Leptocerus assimulans* (G Ulmer, 1916) : AU (Australia)  
*Setodes assimulans* G Ulmer, 1916  
*Leptocerus atidvaya* F Schmid, 1987 : OL (India)  
*Leptocerus atiraskrita* F Schmid, 1987 : OL (India)  
*Leptocerus atsou* F Schmid, 1987 : AU (Australia)  
*Leptocerus atyudatta* F Schmid, 1987 : OL (India)  
*Leptocerus australis* (G Marlier, 1965) : AT (Angola)  
*Ymymia australis* G Marlier, 1965  
*Leptocerus bahuchaka* F Schmid, 1987 : OL (India)  
*Leptocerus bangsaenensis* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)  
*Leptocerus bheriensis* H Malicky, 1993 : OL (Recorded from Indonesia (Sumatra) by H Malicky, P Chantaramongkol, N Saengpradab [sic, Sangpradub], P Chaibu, I Thani, N Changthong, S Cheunbarn, P Laudee, T Prommi, & S Sompong, 2002, Braueria 29: 16, f 16

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Nepal, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262  
Nepal)

*Leptocerus bifascipennis* (G Ulmer, 1930) : OL (Philippines)  
*Setodes bifascipennis* G Ulmer, 1930  
*Leptocerus bimaculatus* (AV Martynov, 1936) : OL (India)  
*Setodes bimaculatus* AV Martynov, 1936

*Leptocerus bitaenianus* L Yang & JC Morse, 2000 : OL (China (Guangdong))  
*Leptocerus biwae* (M Tsuda, 1942) (Larva described, reported from China (Hubei), as *Setodes biwae* M Tsuda, by S Wang, 1963, Acta Hydrobiologica Sinica 3: 61-63, f 37-47

Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 7, 65, 77-80, f 67, 105, 206

~Reported from Russia (Primorye), Japan, and China TI Arefina, 2005, Zootaxa 1088: 52 Japan)

*Setodes biwae* M Tsuda, 1942

*Leptocerus bosei* DE Kimmins, 1963 : OL (India)

*Leptocerus burmanus* DE Kimmins, 1963 : OL (Myanmar)

*Leptocerus canaliculatus* (G Ulmer, 1930) : OL (Philippines)

*Setodes canaliculatus* G Ulmer, 1930

*Leptocerus cauliculus* L Yang & JC Morse, 2000 : OL (China (Jiangxi))

*Leptocerus chaktika* F Schmid, 1987 : OL (India)

*Leptocerus charopantaja* F Schmid, 1987 : OL (India)

*Leptocerus chatadalaja* F Schmid, 1987 : OL (India)

*Leptocerus cheesmanae* DE Kimmins, 1962 : AU (New Guinea)

*Leptocerus cherrensis* DE Kimmins, 1963 : OL (India)

*Leptocerus Chiangmaiensis* H Malicky & P Chantaramongkol, 1991 : OL (Use as indicator species discussed by S Cheunbarn & P Chantaramongkol, 2005, Proc Internatn Symp Trich 11: 85-90 Thailand)

*Leptocerus chyamavadata* F Schmid, 1987 : OL (India)

*Leptocerus ciconiae* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Leptocerus circumflexus* W Mey, 1998 : OL (Male described originally, related to *Leptocerus cheesmanae* DE Kimmins Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Leptocerus cirritus* L Yang & JC Morse, 2000 : OL (China (Jiangxi))

*Leptocerus clavatus* DE Kimmins, 1961 : AT (Senegal)

*Leptocerus clinatus* L Yang & JC Morse, 2000 : OL (China (Jiangxi))

*Leptocerus colophallus* L Yang & JC Morse, 1997 : OL (full description, type designation by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 7, 76-77, f 104, 205 China (Fujian))

*Leptocerus consus* H Malicky & S Sompong, 2000 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--XXX?; THAILAND: Wiang Kosai National Park Thailand)

*Leptocerus coulivalyi* FM Gibon, 1992 : AT (Cameroon)

*Leptocerus datrayukta* F Schmid, 1987 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Leptocerus debilis* (L Navas, 1931) : AT (Chad)

*Setodes debilis* L Navas, 1931

*Leptocerus dejouxi* FM Gibon, 1984 : AT (Ivory Coast)

*Leptocerus demophon* H Malicky & T Prommi, 2000 : OL (Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Kaew Thailand)

*Leptocerus dicopennis* (C Hwang, 1958) : OL (Larva described, reported from China (Hubei), as *Setodes dicopennis* C Hwang, by S Wang, 1963, Acta Hydrobiologica Sinica 3: 55-56, 65-66, f 1-5

Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 7, 65, 78-79, f 106, 207 China (Jiangsu))

*Setodes dicopennis* C Hwang, 1958

*Leptocerus didymatus* (KH Barnard, 1934) : AT (Namibia)

*Setodes didymatus* KH Barnard, 1934

*Leptocerus diehli* H Malicky & P Chantaramongkol, 1991 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Thailand)

*Leptocerus dirghachuka* AE Gordon & F Schmid, 1987 : OL (Use as indicator species discussed by S

Cheunbarn & P Chantaramongkol, 2005, Proc Internatn Symp Trich 11: 85-90 Thailand)  
*Leptocerus dryade* H Malicky & S Cheunbarn, 2001 : OL (Holotype--XXX?; THAILAND, Ban Pang Lamyai Thailand)  
*Leptocerus euros* H Malicky & T Prommi, 2002 : OL (Male described originally Holotype--Male; Thailand: Doi Suthep, Huai Koo Kao bei 550 m, 18\*48'N, 98\*56'E, 28-12-1998, leg Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus fames* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Huai Huat National Park, 16\*55'N, 104\*11'E, 19-4-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus faunus* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Prov Kanchanaburi, Ban Anongraksa, 14\*39'N, 98\*35'E, 18-19-4-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus faustus* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Nam Nao National Park, 16\*38'N, 101\*38'E, 16-4-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus febris* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Umgebung pai, Huai mae ya, 10 km S Pai, 19\*15'N, 98\*29'E, 20-4-2000, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus fluminalis* T Ito & N Kuhara, 2009 (Male, female, pupa, larva, case, habitat, and gut contents described originally near *Leptocerus cauliculus* L Yang & JC Morse Holotype--Male; JAPAN: Hokkaido, Eniwa-shi, Izari-gawa, Eniwa-ohashi [42\*53.2'N, 141\*35.2'E, 20 m above sea level], 24-viii-1999, sweeping, T Ito; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)  
*Leptocerus foederatus* (G Ulmer, 1951) : OL (Listed from Indonesia (Sumatra), as *Setodes foederata*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Setodes foederatus* G Ulmer, 1951  
*Leptocerus funasiensis* M Kobayashi, 1985 (Japan)  
*Leptocerus ganymedes* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Umgebung Pai, Huai Mai Sai, 17 km S Pai, 19\*12'N, 98\*26'E, 21-4-2000, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus genius* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Sabah, kinabalu national Park, Poring hot spring, Sungai Kipungit, 22-4-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))  
*Leptocerus geryneus* H Malicky, 2002 : OL (Male described originally Holotype--Male; Malaysia: Pahang, Benom Mts, 300-1000 m, 15 km E kampong Dong, 3\*52'N, 102\*01'E, 24-3--15-4-1998, leg Dembicky & Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))  
*Leptocerus glaukos* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally Holotype--Male; Thailand: Prov Kanchanaburi, Sai Yok National Park, Karstbach beim Verwaltungszentrum, 14\*26'N, 98\*51'E, 17-4-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus gorgona* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Loei Province, Na Heaw National Park, Namtok Tat Huang, 500 m, 17\*33'N, 100\*59'E, 9-10-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus gracilis* (G Ulmer, 1912) : AT (Cited from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 588 Cameroon)  
*Setodes gracilis* G Ulmer, 1912  
*Leptocerus hamatus* L Yang & JC Morse, 2000 : OL (China (Guizhou))  
*Leptocerus hekale* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Loei Province, Na Heaw National Park, Namtok Tat Huang, 500 m, 17\*33'N, 100\*59'E, 9-10-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus hylaios* H Malicky & P Thamsenanupap, 2005 : OL (Male described originally Holotype--Male; THAILAND: Prov Chiangmai, Doi Inthanon NP, Nam Mae Klang bei Ban Sob Aeb, 18\*32'N, 98\*32'E, 630 m, 10-11-vii-2002, leg Thamsenanupap; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Leptocerus inflatus* DE Kimmins, 1962 : AT (Republic of South Africa)  
*Leptocerus interruptus* (JC Fabricius, 1775) (In lentic habitat near Potsdam Germany according to W

Mey, 2005, *Lauterbornia* 54: 115-122

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Britain)

*Phryganea interruptus* JC Fabricius, 1775

Syn.: *Leptocerus albonotatus*, 1896

Syn.: *Mystacida trifasciata*, 1871

Syn.: *Phryganea trifasciatus* F von Paula Schrank, 1802

*Leptocerus inthanonensis* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus intricatus* (ME Mosely, 1939) : AT (Uganda)

*Setodes intricatus* ME Mosely, 1939

*Leptocerus iuventas* H Malicky & N Changthong, 2004 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Waterwheel Falls, 16°59'N, 101°00'E, 1280 m, 20--21-7-2002, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Leptocerus kanaan* H Malicky & W Mey, 2011 : OL (Male described originally near *Leptocerus Chiangmaiensis* H Malicky & P Chantaramongkol and *Leptocerus merangirensis* H Malicky Holotype--Male; INDONESIA: Kalimantan, Tewah, Tumbang Korik, 28-i-1996, leg Kallies; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Kalimantan))

*Leptocerus katakoroensis* FM Gibon, 1986 : AT (Guinea)

*Leptocerus kchapavarna* F Schmid, 1987 : OL (India)

*Leptocerus keleos* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Chiangmai Province, Chaing Dao National Park, Namtok Srisungwan, 600 m, 19°37'N, 98°57'E, 17-3-2002, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Leptocerus kritamukha* F Schmid, 1987 : OL (India)

*Leptocerus lampunensis* H Malicky & P Chantaramongkol, 1991 : OL (Use as indicator species (as *Leptocerus "lumpunensis"* and *Leptocerus "lumuensis"*) discussed by S Cheunbarn & P Chantaramongkol, 2005, *Proc Internatn Symp Trich* 11: 85-90 Thailand)

*Leptocerus lanzenbergeri* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus lauzannei* FM Gibon, 1992 : AT (Guinea)

*Leptocerus longicornis* L Yang & JC Morse, 2000 : OL (China (Anhui))

*Leptocerus lusitanicus* (R McLachlan, 1884) (Additional records from Lower Main River, Hesse, Germany, by W Tobias, 1999, *Entomol Zeitschr* 109(2): 49-55 Portugal)

*Setodes lusitanicus* R McLachlan, 1884

Syn.: *Setodes galaicus* L Navas, 1924

*Leptocerus madhyamika* (F Schmid, 1961) : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Pakistan)

*Setodes madhyamika* F Schmid, 1961

*Leptocerus mahadbhuta* F Schmid, 1987 : OL (India)

*Leptocerus mahasena* (F Schmid, 1958) : OL (Sri Lanka)

*Setodes mahasena* F Schmid, 1958

*Leptocerus mahawansa* (F Schmid, 1958) : OL (Sri Lanka)

*Setodes mahawansa* F Schmid, 1958

*Leptocerus manichyana* F Schmid, 1987 : OL (India)

*Leptocerus maroccanus* M Dakki, 1982 (Morocco)

*Leptocerus masak* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34 Vietnam)

*Leptocerus matilei* FM Gibon & D Randriamasimanana, 2000 : AT (Male described originally Holotype--Male; MADAGASCAR: sur la riviere Sahamarina, pres d'Antsily (bassin du Mangoro, station St07-07, de la base de donnees "Bibisoa"/LRSAE, long 48°25'08" E, lat 19°08'33" S, alt 690 m, 11- III[Mar]-[19]93; deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle a Paris Madagascar)

*Leptocerus mechakita* F Schmid, 1987 : OL (India)

*Leptocerus mechavrichana* F Schmid, 1987 : OL (India)

*Leptocerus merangirensis* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Leptocerus moselyi* (AV Martynov, 1935) (Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101

Reported from Japan by T Ito & N Kuhara, 2009, *Limnology* 10: 25 Russia (southern Far East))

*Setodes moselyi* AV Martynov, 1935  
*Leptocerus mubalei* (S Jacquemart, 1961) : AT (Democratic Republic of the Congo)  
*Setodes mubalei* S Jacquemart, 1961  
*Leptocerus neavei* (ME Mosely, 1932) : AT (Malawi)  
*Setodes neavei* ME Mosely, 1932  
*Leptocerus ophiophagi* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Leptocerus ousta* F Schmid, 1987 : AU (Australia)  
*Leptocerus parakum* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)  
*Leptocerus pekingensis* (G Ulmer, 1932) (female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 7, 78, 79-80, f 208 China (Beijing))  
*Setodes pekingensis* G Ulmer, 1932  
*Leptocerus posticooides* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Vietnam)  
*Leptocerus posticus* N Banks, 1911 : OL (India)  
 Syn.: *Setodes inlensis* AV Martynov, 1936  
*Leptocerus prithudhara* F Schmid, 1987 : OL (India)  
*Leptocerus proitos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Leptocerus dryade* H Malicky & S Cheunbarn Holotype--Male; THAILAND: Loei Prov, Na Heaw National Park, Namtok Tat Huang, 500 m, 17°33'N, 100°59'E, 9-iii-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus promkutkaewi* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)  
*Leptocerus protesilaos* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Satun Prov, Tarutao National Park, Ludoo Waterfall, 6-iii-2005; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus quillverei* FM Gibon, 1984 : AT (Ivory Coast)  
*Leptocerus ranohirae* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus ranomafanae* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus ranomenae* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus rectus* DE Kimmins, 1956 : AT (Mozambique)  
*Leptocerus rutulus* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Suratthani Prov, Khaosok National Park, Sib-Et-Chan Waterfall, 133 m, 8°55'N, 98°31'E, 6-iv-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)  
*Leptocerus sadbhuta* F Schmid, 1987 : OL (India)  
*Leptocerus sahankaensis* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus sahavatoyensis* F-M Gibon, 2006 : AT (Madagascar)  
*Leptocerus saktantaka* F Schmid, 1987 : OL (India)  
*Leptocerus samchita* F Schmid, 1987 : OL (India)  
*Leptocerus sammata* F Schmid, 1987 : OL (India)  
*Leptocerus sarchtika* F Schmid, 1987 : OL (India)  
*Leptocerus savur* F Sipahiler, 2001 (Holotype--XXX?; TURKEY: Mardin, Savur, Savur Deresi Turkey)  
*Leptocerus sechani* FM Gibon, 1992 : AT (Guinea)  
*Leptocerus senarius* L Yang & JC Morse, 2000 : OL (China (Anhui))  
*Leptocerus servius* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 20-iv-2001, B1313PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Leptocerus sibuyanus* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15

Listed from the Philippines (Palawan and Romblon, Sibuyan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines)

*Leptocerus similis* (R McLachlan, 1875) : PA (Cited in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 588

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471 "Habitat prope Taschkent, in valle Sarafshanensi et in



regno Kokanico (Soch)" Uzbekistan)

*Setodes similis* R McLachlan, 1875

*Leptocerus sinuosus* DG Gibbs, 1973 : AT (Ghana)

*Leptocerus skamandrios* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Suratthani Prov, Tairomyen National Park, Dadtah Waterfall, 236 m, 8°51'N, 99°28'E, 10-x-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

*Leptocerus sounta* ME Mosely, 1953 : AU (Male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80, f 28E Holotype--Male; Australia: South Australia (without detailed locality or date); deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80) Australia (South Australia))

*Leptocerus speciosus* DE Kimmins, 1956 : AT (Uganda)

*Leptocerus stephanei* FM Gibon, 1992 : AT (Cameroon)

*Leptocerus sudhara* F Schmid, 1987 : OL (India)

*Leptocerus sukhabaddha* F Schmid, 1987 : OL (India)

*Leptocerus suthepensis* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus sylvaticus* FM Gibon, 1984 : AT (Ivory Coast)

*Leptocerus taiana* FM Gibon, 1992 : AT (Cameroon)

*Leptocerus tayaledra* H Malicky, 1979 : OL (India (Andaman Islands))

*Leptocerus telimelensis* FM Gibon, 1992 : AT (Guinea)

*Leptocerus tineiformis* J Curtis, 1834 (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 134

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported doubtfully from Japan by T Ito & N Kuhara, 2009, Limnology 10: 25

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Leptocerus elongatus* JF Stephens, 1836

Syn.: *Phryganea longicornis* F von Paula Schrank, 1802

Syn.: *Setodes aspersellus* P Rambur, 1842

*Leptocerus toxus* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Leptocerus trophonios* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Leptocerus kritamukha* F Schmid Holotype--Male; THAILAND: Mae Hong Son Prov, Mae Nam Pai, 11 km S von Pai, 22-x-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Leptocerus tungyawensis* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus tursiops* H Malicky, 1979 : OL (India (Andaman Islands))

*Leptocerus ukchatara* F Schmid, 1987 : OL (India)

*Leptocerus ultimatus* W Mey, 1998 : OL (Male described originally Holotype--Male; Philippines: Palawan, Cayasan, way to Sabang, small brook, 7-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Leptocerus vakrita* F Schmid, 1987 : OL (India)

*Leptocerus valvatus* (AV Martynov, 1935) : OL (Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 6, 68-69, 79, f 97, 200

Reported from Japan by T Ito & N Kuhara, 2009, Limnology 10: 25 Russia (southeastern Siberia))

*Setodes valvatus* AV Martynov, 1935

Syn.: *Leptocerus utonaiensis* M Kobayashi, 1977

*Leptocerus wangtakraiensis* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus wanleelagi* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Leptocerus zalmoxis* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Nakhon Si Thammarat Prov, Namtok Yong National Park, Pliew Waterfall, 110 m, 8°29'N, 99°45'E, 6-iv-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

***Leptodermatopteryx* G Ulmer, 1910**

*Leptodermatopteryx tenuis* G Ulmer, 1910 : AT (Seychelles)

***Leptodrusus* F Schmid, 1955**

*Leptodrusus budtzi* (G Ulmer, 1913) (France (Corsica))  
*Potamorites budtzi* G Ulmer, 1913

***Leptonema* FE Guerin-Meneville, 1844**

*Leptonema aberrans* OS Flint, McAlpine, & HH Ross, 1987 : AT (Ghana)  
*Leptonema aconicum* P Chvojka & JL Sykora, 1999 : AT (Madagascar)  
*Leptonema acutum* ME Mosely, 1933 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Guatamala)  
*Leptonema affine* G Ulmer, 1905 : AT (Madagascar)  
*Leptonema agraphum* (F Kolenati, 1859) : NT (Brazil)  
*Macronema agraphum* F Kolenati, 1859  
Syn.: *Hydropsyche trilobata* S Jacquemart, 1962  
*Leptonema alatum* G Marlier, 1961 : AT (Democratic Republic of the Congo)  
*Leptonema albovirens* (F Walker, 1852) : NA, NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 989-991, f 13, map 3

Recorded from Venezuela (Margarita) by L Botosaneanu & AL Vilorio, 2002, Mitt Mus Nat-kd Berl, Dtsch Entomol Z 49: 107

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Venezuela)

*Macronema albovirens* F Walker, 1852  
Syn.: *Leptonema guatemalum* N Banks, 1913  
*Leptonema album* ME Mosely, 1933 : NT (Ecuador)  
*Leptonema alceatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)  
*Leptonema amazonense* OS Flint, 1978 : NT (Brazil)  
*Leptonema amplifurcatum* LL Dumas & JL Nessimian, 2009 : NT (Male and female described originally in the *Leptonema speciosum* Group near *Leptonema bifurcatum* OS Flint, JF McAlpine, & HH Ross and *Leptonema bifurcatodes* OS Flint Holotype--Male; BRAZIL: Rio de Janeiro, Mangaratiba, Reserva Ecologica Rio das Pedras, Rio Grande, 22°59'31.20"S, 44°06'18.00"W, 96 m, 31-v-2003, JL Nessimian & N Ferreira Jr leg; deposited in the Colecao Entomologica Professor Jose Alfredo Pinheiro Dutra, Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil Brazil)  
*Leptonema andinum* OS Flint, 1991 : NT (Colombia)  
*Leptonema andrea* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)  
*Leptonema anomalum* OS Flint, 2008 : NT (Male and female described originally near *Leptonema tapanti* F Munioz-Quesada Holotype--Male; PERU: Dpto Cuzco, Pcia Paucartambo, Puente San Pedro, [km 152], [44] km NW Pilcopata, 1,450 m], [13°03.30'S, 71°32.78'W], 2-3 Sep 1988, O Flint & N Adams; deposited in the Museo de Historia Natural "Javier Prado," Lima, Peru Peru)  
*Leptonema araguense* OS Flint, 1981 : NT (Venezuela)  
*Leptonema archboldi* OS Flint, 1968 : NT (Dominica)  
*Leptonema asclepium* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 983, f 20, map 3

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Costa Rica)

*Leptonema aspersum* (G Ulmer, 1907) : NT (Brazil)  
*Neoleptonema aspersum* G Ulmer, 1907  
*Leptonema aterrimum* ME Mosely, 1933 : NT (Brazil)  
*Leptonema auriculatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Bolivia)  
*Leptonema banksi* ME Mosely, 1933 : NT (Colombia)

*Leptonema bifurcatodes* OS Flint, 2008 : NT (Male and female described originally in the *Leptonema speciosum* Group near *Leptonema bifurcatum* OS Flint, JF McAlpine, and HH Ross Holotype--Male; BRAZIL: Rio de Janeiro, Parque Nacional Itatiaia, Rio Campo Belo, 22°27.033'N[S], 44°36.318'W, el 1,300 m, 23 Nov 2001, Holzenthal, Paprocki, Blahnik, Neto; Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Leptonema bifurcatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Brazil)

*Leptonema bilobatum* F Schmid, 1964 : NT (Colombia)

*Leptonema boliviense* ME Mosely, 1933 : NT (Bolivia, Peru)

*Leptonema boliviense plumosum* OS Flint, JF McAlpine, & HH Ross, 1987 ( ~boliviense ME Mosely, 1933, Rev Genus *Leptonema* London p 36-37, f 87-92)

*Leptonema boraceia* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Brazil)

*Leptonema campanum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 983, 985, f 21, map 3 Panama)

*Leptonema championi* ME Mosely, 1933 : NT (Guatemala)

*Leptonema cheesmanae* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 991, 993, f 24, map 1 Colombia)

*Leptonema chiapense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Mexico (Chiapas))

*Leptonema chila* OS Flint, 1967 : NT (Mexico (Guerrero))

*Leptonema chocoense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Colombia)

*Leptonema cinctum* G Ulmer, 1905 : NT (Ecuador)

*Leptonema clorito* F Munioz-Quesada, 1997 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 993, f 25, map 1 Costa Rica)

*Leptonema coheni* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)

*Leptonema columbianum* G Ulmer, 1905 : NT (Colombia)

Syn.: *Leptonema cellare* L Navas, 1927

Syn.: *Leptonema externum* N Banks, 1913

Syn.: *Leptonema silvestrinum* L Navas, 1934

*Leptonema complexum* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 993, 995-998, f 1A, 1B, 27, map 4 Panama)

*Leptonema conicum* OS Flint, JF McAlpine, & HH Ross, 1987 : AT (Madagascar)

*Leptonema coronatum* OS Flint, 2008 : NT (Male described originally in the *Leptonema amazonense* Subgroup of the *Leptonema amazonense* Group near *Leptonema irroratum* OS Flint and *Leptonema chocoense* OS Flint, JF McAlpine, and HH Ross Holotype--Male; VENEZUELA: TF [now Edo] Amazonas, Rio Agua Blanca, 29 km S Puerto Ayacucho, 17 Nov 1987, PJ Spangler & RA Faitoute; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Leptonema crassum* G Ulmer, 1905 : NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 966, 970, f 1C, 5, map 4)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Brazil)

Syn.: *Leptonema grisolinum* L Navas, 1933

Syn.: *Leptonema radiale* L Navas, 1927

*Leptonema cressae* OS Flint, 2008 : NT (Male and female described originally in the *Leptonema plicatum* Group near *Leptonema heppneri* OS Flint, JF McAlpine, and HH Ross Holotype--Male; VENEZUELA: Edo Tachira, Queb Mesa del Palmar, 5 km S El Cobre, 07°59.851'N, 072°03.759'W, el 2,370 m, 18-20 Apr 1995, Holzenthal, Cressa, Gulic; deposited in the insect collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Leptonema davisii* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema displicens* (L Navas, 1935) : AT ((a synonym of *Leptonema affine* according to OS Flint, JF McAlpine, & HH Ross, 1987, Smithsn Contrib Zool 450: 21, but not a synonym according to P Chvojka & JL Sykora, 1999, Casopis Narodniho muzea Rada prirodovedna 167: 26-28, f 2A-L, 6B-C) Madagascar)

*Macronema displicens* L Navas, 1935

*Leptonema divaricatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 971, f 6, map 4 Ecuador)

*Leptonema dyeri* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Honduras)

*Leptonema ekisi* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-

Quesada, 1999, Rev Biol Trop 47(4): 972, f 8, map 1 Panama)  
*Leptonema eugnathum* (F Mueller, 1921) : NT (Brazil)  
*Macronema eugnathum* F Mueller, 1921  
 Syn.: *Leptonema ochraceum* ME Mosely, 1933  
*Leptonema ferelunatum* GA Jardim, LL Dumas, & JL Nessimian, 2010 : NT (Male described originally in the *Leptonema crassum* Group near *Leptonema lunatum* OS Flint, JF McAlpine, & HH Ross Holotype--Male; BRAZIL: Rio de Janeiro State, Nova Friburgo Municipality, Lumiar, Corrego Boa Vista, Cachoeira Indiana Jones, 22°19'02.1"S, 42°17'28.5"W, 900 m, 14-xi-2008, JL Nessimian, GA Jardim, IC Goncalves, BHL Sampaio, VP Alecrim, MR de Souza leg; DZRJ 2349; deposited in the Colecao Entomologica Professor Jose Alfredo Pinheiro Dutra, Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil Brazil)  
*Leptonema flintorum* F Munioz-Quesada, 1997 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 972, 976, f 17, map 2 Costa Rica)  
*Leptonema forficulum* ME Mosely, 1933 : NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 998-999, f 28, map 4)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Panama)  
*Leptonema fortunum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 976, f 9, map 1 Panama)  
*Leptonema furciligera* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 999, f 29, map 4 Costa Rica)  
*Leptonema gadzux* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)  
*Leptonema guayanense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)  
*Leptonema guineense* DG Gibbs, 1973 : AT (Ghana)  
 Syn.: *Leptonema bihoumi* B Statzner & FM Gibon, 1984  
*Leptonema hamuli* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 977, f 18, map 2)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41 Panama)  
*Leptonema harpagum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)  
*Leptonema heppneri* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)  
*Leptonema hirsutum* OS Flint, 1974 : NT (Surinam)  
*Leptonema hovorkai* P Chvojka, 2003 : AT (Male described originally in *Leptonema occidentale* Group Holotype--Male; Madagascar: Prov Toamasina, brooklet 3.5 km E Amboditafonana, 48°46'12"E, 17°27'32"S, approx 830 m asl, 30 January 2000, swept along shallow slow-flowing brooklet in rain forest, P Chvojka leg; deposited in National Museum, Prague, Czech Republic Madagascar)  
*Leptonema huismanae* F Munioz-Quesada, 1997 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 977, 979, f 19, map 2 Costa Rica)  
*Leptonema inca* ME Mosely, 1933 : NT (Peru)  
*Leptonema inspiratum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)  
*Leptonema insulanum* N Banks, 1924 : NT (Puerto Rico [error, OS Flint, JF McAlpine, & HH Ross, 1987, Smithsn Contrib Zool 450: 64])  
 Syn.: *Leptonema ulmeri* ME Mosely, 1933  
*Leptonema intermedium* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 999-1000, f 26, map 4 Ecuador)  
*Leptonema irroratum* OS Flint, 1974 : NT (Surinam)  
*Leptonema islamarga* L Botosaneanu, 2002 : NT (Male described originally Holotype--Male; Venezuela: Isla de Margarita, Rio San Juan at Fuentidueno, 31-05-2000, at light; in alcohol; deposited in the Zoologisch Museum, University of Amsterdam, Amsterdam, The Netherlands Venezuela)  
*Leptonema kabelaki* P Chvojka, 2003 : AT (Male described originally in *Leptonema occidentale* Group Holotype--Male; Madagascar: Prov Toamasina, brooklet 3.5 km E Amboditafonana, 48°46'12"E, 17°27'32"S, approx 830 m asl, 30 January 2000, swept along shallow slow-flowing brooklet in rain forest, P Chvojka leg; deposited in National Museum, Prague, Czech Republic Madagascar)  
*Leptonema lacuniferum* OS Flint, 1978 : NT (Brazil)  
*Leptonema latipenne* G Marlier, 1947 : AT (Ivory Coast)  
*Leptonema lineaticorne* OS Flint, 2008 : NT (Male and female described originally in the *Leptonema columbianum* Subgroup of the *Leptonema crassum* Group near *Leptonema mandibulatum* OS Flint, JF

McAlpine, and HH Ross Holotype--Male; PERU: Pcia Madre de Dios, Man, Pakitza, Biol Sta, Quebrada Pachija near intersection with Rio Manu, 11°56.65'S, 71°16.98'W, el 350 m, 4 Jul 1993, R Blahnik & M Pescador; deposited in the Museo de Historia Natural "Javier Prado," Lima, Peru Peru)

*Leptonema lojaense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)

*Leptonema lunatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Brazil)

*Leptonema macacu* OS Flint, 2008 : NT (Male described originally in the *Leptonema sparsum* Group near *Leptonema sparsum* (G Ulmer) Holotype--Male; BRAZIL: Edo Rio de Janeiro, Rio Macacu (2nd order), on RJ 116, km 62, 22°23.201'S, 42°33.945'W, el 840 m, 17 Mar 1996, Holzenthal, Rochetti, Oliveira; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Leptonema machadoi* G Marlier, 1965 : AT (Angola)

*Leptonema maculatum* ME Mosely, 1933 : NT (Brazil)

*Leptonema madagascariense* G Ulmer, 1905 : AT (Madagascar)

*Leptonema mandibulatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)

*Leptonema marlieri* OS Flint, JF McAlpine, & HH Ross, 1987 : AT (Democratic Republic of the Congo)

*Leptonema mastigion* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)

*Leptonema menkei* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema michoacanense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Mexico (Michoacan))

*Leptonema milae* JL Sykora, 1964 : AT (Madagascar)

*Leptonema moselyi* OS Flint, JF McAlpine, & HH Ross, 1987 : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, as *Leptonema moselyi* by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Morelos))

*Leptonema natalense* ME Mosely, 1933 : AT (Republic of South Africa)

*Leptonema neadelphus* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Colombia)

*Leptonema neblinense* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema normale* N Banks, 1920 : AT (Cameroon)

*Leptonema nubestre* OS Flint, 2008 : NT (Male described originally in the *Leptonema cinctum* Group near *Leptonema menkei* OS Flint, JF McAlpine, and HH Ross Holotype--Male; COLOMBIA: Dept Magdalena, Las Nubes, 4,500 ft [1,370 m], Sept; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Colombia)

*Leptonema nupharum* OS Flint, JF McAlpine, & HH Ross, 1987 : AT (Madagascar)

*Leptonema occidentale* G Ulmer, 1907 : AT (Cameroon)

*Leptonema pallidum* FE Guerin-Meneville, 1844 : NT (Cited by FCJ Fischer as FE Guerin-Meneville, 1843, Icon Regne animal 3b: 396, although the text did not appear until 1844, volume 7 (Miguel Angel Alonso Zaragaza, personal communication, based on Cowan, 1971, J Soc Biblphy nat Hist 6(1): 18-29, and Evenhuis, Literatura Taxonomica Dipterorum) Brazil)

Syn.: *Hydropsyche flagellata* S Jacquemart, 1962

Syn.: *Leptonema furcatum* G Ulmer, 1905

*Leptonema piliferum* F Schmid, 1964 : NT (Bolivia)

*Leptonema pinotepa* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Oaxaca))

*Leptonema plicatum* ME Mosely, 1933 : NT (Guatemala)

*Leptonema poeyi* (N Banks, 1938) : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Macronema poeyi* N Banks, 1938

*Leptonema pseudocinctum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)

*Leptonema pseudostigmosum* OS Flint, 1981 : NT (Venezuela)

*Leptonema rafita* F Munioz-Quesada, 1997 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 979-980, f 10, map 1 Costa Rica)

*Leptonema ramosum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema ranomafana* OS Flint, 2000 : AT (Male and female described originally in the *Leptonema occidentale* Group perhaps most closely related to *Leptonema marlieri* OS Flint, JF McAlpine, & HH Ross

Male redescribed, *Leptonema occidentale* Group according to P Chvojka, 2003, J Natn Mus, Natl Hist Ser, 172(1-4): 45-46, f 1-5

Female described near Cheumatopsyche tiokalamkita J Olah & KA Johanson, additional records from Madagascar, belonging in the Cheumatopsyche columnata Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 211-213, f 357 Holotype--Male; MADAGASCAR: Prov Fianarantsoa, 7 km W Ranomafana, 1100 m, 1-7-xi-1988, WE Steiner; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (Madagascar)

*Leptonema rosenbergi* ME Mosely, 1933 : NT (Ecuador)

*Leptonema rostratum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Argentina)

*Leptonema salvini* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 980-981, f 11, map 1 Panama)

*Leptonema sancticaroli* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema santosi* GA Jardim, LL Dumas, JL Nessimian, 2010 : NT (Male described originally in the *Lepidostoma speciosum* Group near *Lepidostoma boraceia* OS Flint, JF McAlpine, & HH Ross Holotype--Male; BRAZIL: Rio de Janeiro State, Nova Friburgo Municipality, Lumiar, Corrego Boa Vista, Sitio Dois Irmaos, 22°19'01.5"S, 42°17'23.3"W, 910 m, 13-xi-2008, JL Nessimian, GA Jardim, IC Goncalves, BHL Sampaio, VP Alecrim, MR de Souza leg; DZRJ 2356; deposited in the Colecao Entomologica Professor Jose Alfredo Pinheiro Dutra, Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil (Brazil))

*Leptonema serranum* L Navas, 1933 : NT (Brazil)

*Leptonema serratum* GA Jardim, LL Dumas, JL Nessimian, 2010 : NT (Male described originally in the *Leptonema speciosum* Group near *Leptonema stigmaticum* L Navas Holotype--Male; BRAZIL: Rio de Janeiro State, Macae Municipality, Crubixais de Cima, 1st order tributary of Rio Crubixais, 22°11'38.4"S, 42°04'46.1"W, 576 m, 21-iii-2009, JL Messimian, GA Jardim, IC Goncalves, BHL Sampaio, VP Alecrim, G Lefebvre leg; DZRJ 2359; deposited in the Colecao Entomologica Professor Jose Alfredo Pinheiro Dutra, Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil (Brazil))

*Leptonema simplex* ME Mosely, 1933 : NT (Ecuador)

*Leptonema simulans* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 985-987, f 22, map 3 Panama)

*Leptonema simulans mayanum* OS Flint, JF McAlpine, & HH Ross, 1987 (~*simulans* ME Mosely, 1933, Rev Genus *Leptonema* London p 32-34, f 74-78)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 41)

*Leptonema sinuatum* ME Mosely, 1933 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 981, f 14, map 2 Colombia)

*Leptonema sociale* OS Flint, 2008 : NT (Male and female described originally in the *Leptonema plicatum* Subgroup of the *Leptonema placatum* Group Holotype--Male; ECUADOR: Prov Orellana, Rio Tiputini, [Tiputini Biodiversity Station, SE Puerto Orellana], 0°38.2'S, 76°08.9'W, 12-26 Aug 1999, WN Mathis, A Baptista, & M Kotrba; deposited in the United States National Museum on Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (Ecuador))

*Leptonema spangleri* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Venezuela)

*Leptonema sparsum* (G Ulmer, 1905) : NT (Brazil)

*Macronema sparsum* G Ulmer, 1905

*Leptonema speciosum* (H Burmeister, 1839) : NT (Brazil)

*Macronemum speciosum* H Burmeister, 1839

*Leptonema spinulum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)

*Leptonema spirillum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Peru)

*Leptonema stigmaticum* L Navas, 1916 : NT (Brazil)

*Leptonema stigmosum* G Ulmer, 1905 : NT (Venezuela, Ecuador)

*Leptonema tapanti* F Munioz-Quesada, 1997 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 971-972, f 7, map 2 Costa Rica)

*Leptonema tholloni* L Navas, 1923 : NT (Gabon [in error, actually Brazil - OS Flint, JF McAlpine, & HH Ross, 1987, Smithsn Contrib Zool 450: 46])

*Leptonema tica* F Munioz-Quesada, 1999 : NT (Costa Rica)

*Leptonema tridens* ME Mosely, 1933 : NT (Brazil)

*Leptonema trifidum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Ecuador)

*Leptonema tripartitum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Colombia)

*Leptonema trispicatum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (Brazil)

*Leptonema turrialbum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 981-982, f 15, map 2 Costa Rica)

*Leptonema uncatum* ME Mosely, 1933 : NT (Colombia)

*Leptonema vanderysti* L Navas, 1930 : AT (Democratic Republic of the Congo)

*Leptonema viridianum* L Navas, 1916 : NT ([a synonym of *Leptonema albovirens* (F Walker, 1852) according to ME Mosely, 1933, Rev Genus *Leptonema* London p 8, 9, 47, 64, but a valid species according to RW Holzenthal, 1996, personal communication] Brazil)

Syn.: *Leptonema dissimile* ME Mosely, 1933

*Leptonema vitum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 982, f 12, map 1 Costa Rica)

*Leptonema woldianum* OS Flint, JF McAlpine, & HH Ross, 1987 : NT (male redescribed by F Munioz-Quesada, 1999, Rev Biol Trop 47(4): 982-983, f 16, map 2 Panama)

*Leptonema zahradniki* JL Sykora, 1964 : AT (Madagascar)

### ***Leptophylax* N Banks, 1900**

*Leptophylax gracilis* N Banks, 1900 : NA (United States of America)

### ***Leptopsyche* R McLachlan, 1866**

*Leptopsyche gracilis* R McLachlan, 1866 : AU (Indonesia (Irian Jaya))

### ***Leptorussa* ME Mosely, 1953**

*Leptorussa darlingtoni* (N Banks, 1939) : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80 Holotype--Male; AUSTRALIA: South Australia, Mt Lofty Ranges, 29 Nov 1931; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 80) Australia (South Australia))

*Leptocerus darlingtoni* N Banks, 1939

Syn.: *Leptorussa russata* ME Mosely, 1953

### ***Leptotaulius* F Schmid, 1955**

*Leptotaulius gracilis* F Schmid, 1955 (Austria [not from Germany according to H Malicky, in litt])

### ***Leucotrichia* ME Mosely, 1934**

*Leucotrichia ayura* OS Flint, 1991 : NT (Colombia)

*Leucotrichia botosaneanui* OS Flint, 1996 : NT (Tobago)

*Leucotrichia brasiliiana* W Sattler & JL Sykora, 1977 : NT (Brazil)

*Leucotrichia brochophora* OS Flint, 1991 : NT (Colombia)

*Leucotrichia chiriquirensis* OS Flint, 1970 : NT (Panama)

*Leucotrichia dinamica* J Bueno-Soria, 2010 : NT (Male described originally near *Leucotrichia melleopicta* ME Mosely Holotype--Male; MEXICO: Distrito Federal, Delegacion Magdalena-Contreras, Parque "Los Dinamos," alt 3091 m, 29-vi-2007, M Razo & R Juarez; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (Distrito Federal))

*Leucotrichia extraordinaria* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Tabasco))

*Leucotrichia fairchildi* OS Flint, 1970 : NT (Recorded from Venezuela (Margarita) by L Botosaneanu & AL Vilorio, 2002, Mitt Mus Nat-kd Berl, Dtsch Entomol Z 49: 106 Panama)

*Leucotrichia gomezi* OS Flint, 1970 : NT (Male, larva, and case described originally)

Known only from type specimens according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 32 Dominican Republic)

*Leucotrichia imitator* OS Flint, 1970 : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Veracruz))

*Leucotrichia inflaticornis* L Botosaneanu, 1993 : NT (Trinidad)

*Leucotrichia inops* OS Flint, 1991 : NT (Colombia)

*Leucotrichia interrupta* OS Flint, 1991 : NT (Colombia)

*Leucotrichia limpia* HH Ross, 1944 : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Leucotrichia melleopicta* ME Mosely, 1934 : NT (Mexico (Tabasco))

*Leucotrichia mutica* OS Flint, 1991 : NT (Colombia)

*Leucotrichia padera* OS Flint, 1991 : NT (Colombia)

*Leucotrichia pictipes* (N Banks, 1911) : NA (

Larva and its habitat described from Ohio by JB Keiper & RJ Bartolotta, 2003, Entomol News 114(5): 255-259

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Orthotrichia pictipes* N Banks, 1911

*Leucotrichia sarita* HH Ross, 1944 : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 United States of America)

*Leucotrichia termitiformis* L Botosaneanu, 1993 : NT (Trinidad)

*Leucotrichia tritoven* OS Flint, 1996 : NT (Trinidad)

*Leucotrichia tubifex* OS Flint, 1964 : NT (Male, larva, case described originally)

Known from Puerto Rico, Jamaica, Haiti and Dominican Republic (La Vega, Azua, Dajabon, Elias Pina, El Seibo) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 32 Puerto Rico)  
*Leucotrichia viridis* OS Flint, 1967 : NT (Guatemala)

### ***Liapota* A Neboiss, 1959**

*Liapota lavara* A Neboiss, 1959 : AU (Holotype--Male; Australia: Tasmania, Cradle Mountain, (no date), J Carter and AM Lea; deposited in South Australian Museum, Adelaide, Australia Australia (Tasmania))

Syn.: *Tasmania caparti* S Jacquemart, 1965

### ***Limnephilus* WE Leach, 1815**

*Limnephilus* *Limnephilus* cianficconiae hispaniae L Botosaneanu, 2004 (Subspecies of *Limnephilus* cianficconiae H Malicky, 1980, Z Arbeitsgem oest Ent 32(1-2): 14, figs)

*Limnephilus abbreviatus* N Banks, 1908 : NA (United States of America)

*Limnephilus abstrusus* R McLachlan, 1872 (

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34 Russia (eastern Siberia))

*Limnephilus acnestus* HH Ross, 1938 : NA (United States of America)

*Limnephilus acula* HH Ross & DR Merkley, 1952 : NA (United States of America)

*Limnephilus adapus* HH Ross, 1950 : NA (United States of America)

*Limnephilus ademiensis* AV Martynov, 1914 (Russia (southeastern Siberia))



*Limnephilus ademus* HH Ross, 1941 : NA (Larva, pupa, and salt marsh habitat in Prince Edward, Canada, described by OS Flint, Jr, & DJ Giberson, 2005, *Prov Internatn Symp Trichoptera* 11: 121-130. United States of America)

*Limnephilus affinis* J Curtis, 1834 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Reported from Germany by PJ Neu, 1999, *Mitteilungen der Pollichia* 86: 151-160

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

Syn.: *Chaetotaulius angustatus* F Kolenati, 1848

Syn.: *Goniotaulius anastomosis* F Kolenati, 1848

Syn.: *Goniotaulius nigrovittatus* F Kolenati, 1859

Syn.: *Limnephilus costalis* JF Stephens, 1852

Syn.: *Limnephilus paonius* DG Denning, 1949

*Limnephilus aistleitneri* H Malicky, 1986 (Spain)

*Limnephilus alaicus* (AV Martynov, 1915) : PA (A synonym of *Limnephilus samoedus* R McLachlan according to VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 107, 110

A distinct species, with diagnostic characters in apical spurs, reported from WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 570 Lectotype--Male; Kara-Kul ravine, Alai Mts, 10-07-1895, Korzhinskiy leg (designated by VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 110); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Tadjikistan ("Turkestan"))

*Astratus alaicus* AV Martynov, 1915

*Limnephilus alberta* DG Denning, 1958 : NA (Canada)

*Limnephilus alconura* HH Ross & DR Merkle, 1952 : NA (United States of America)

*Limnephilus algosus* (R McLachlan, 1868) : NA, PA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57 possibly Sweden ("Lapland"))

*Stenophylax algosus* R McLachlan, 1868

Syn.: *Astenophylina kashmira* ME Mosely, 1936

Syn.: *Limnephilus innuitorum* AP Nimmo, 1991

Syn.: *Stenophylax crudus* R McLachlan, 1875

*Limnephilus alienus* AV Martynov, 1915 (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 203 Russia (Sakhalin))

*Limnephilus apache* OS Flint, 1965 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, *Southwestern Naturalist* 51(3): 326-337 United States of America)

*Limnephilus aretto* HH Ross, 1938 : NA (United States of America)

Syn.: *Colpotaulius tehamia* S Ling, 1938

*Limnephilus argenteus* N Banks, 1914 : NA (Female of *Limnephilus anadyrensis* AV Martynov described by RB Kuranishi, 2000, in T Komai, *Results Rec Res NE Asian Biota, Nat Hist Res Spec Issue* 7: 272-273, f 3 no 4-6, f 4 no 11 Lectotype of *Limnephilus anadyrensis* AV Martynov--Male (designated by VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 109); deposited in the Zoological

Institute of the Russian Academy of Sciences, St Petersburg, Russia Canada)

Syn.: *Limnophilus vernalis* AP Nimmo, 1977

Syn.: *Limnophilus anadyrensis* AV Martynov, 1936

*Limnophilus arizona* HH Ross, 1941 : NA (United States of America)

*Limnophilus asiaticus* (R McLachlan, 1874) : OL, PA ("Habitat in valle Sarafschanensi et prope Schachimardan (Kokan)," as *Colpotauius asiaticus*, R McLachlan, 1975, *Reise Turkestan Fedtschenko Neuroptera*, p 25

Not occurring in Iran according to A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from WP by H Malicky, 2005, *Linzer biol Beitr* 37(1): 570 Tadjikistan)

*Astratus asiaticus* R McLachlan, 1874

Syn.: *Limnophilus subrufus* AV Martynov, 1928

*Limnophilus assimilis* (N Banks, 1908) : NA (United States of America)

*Anobolia assimilis* N Banks, 1908

*Limnophilus atercus* DG Denning, 1965 : NA (United States of America)

*Limnophilus atlanticus* O Nybom, 1948 (Portugal (Azores))

*Limnophilus audeus* L Botosaneanu, 2000 (France)

*Limnophilus auricula* J Curtis, 1834 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Reported from Poland by J Majecki, 2000, *Acta Universitatis Lodziensis Folia Zoologica* 4: 39-46

Larva in its case and male photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, *Quaderni della "Sagra della Patata Rossa"* 3: 386-410, f 5-6

In lentic habitat near Potsdam Germany according to W Mey, 2005, *Lauterbornia* 54: 115-122

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

Syn.: *Limnophila guttata* P Rambur, 1842

Syn.: *Limnophilus geminus* JF Stephens, 1837

Syn.: *Limnophilus obscurus* J Curtis, 1834

Syn.: *Limnophilus signatus* JF Stephens, 1837

Syn.: *Phryganea nigradorsa* FJ Pictet, 1834

*Limnophilus baja* DE Ruiters, 1995 : NA (Mexico (Baja California))

*Limnophilus bifidus* N Banks, 1908 : NA (United States of America)

Syn.: *Limnophilus insularis* F Schmid, 1950

*Limnophilus biparta* DG Denning, 1966 : NA (Mexico (Durango))

*Limnophilus bipunctatus* J Curtis, 1834 (Life cycle, ecology & mountain pool habitat by F Cianficconi, G Moretti, & Maria Castellani, 1994, *Atti Congr Nax Ital Entomol* 17: 417-422

Larva, pupal case, pupa, and female photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, *Quaderni della "Sagra della Patata Rossa"* 3: 386-410, f 7-10

Degree of intolerance score (DIS) of 8.02 reported from eastern Spain (as "*Lasiocephala basalis*") by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Lasiocephalus basalis* , 1912

Syn.: *Limnephila obscura* P Rambur, 1842

Syn.: *Limnophilus barbatus* AV Martynov, 1917

Syn.: *Limnophilus diacanthus* L Navas, 1917

Syn.: *Limnophilus tuberculatus* F Brauer, 1857

Syn.: *Phryganea discoidea* JW Zetterstedt, 1840

*Limnephilus bloomfieldi* DE Ruiter, 1995 : NA (Mexico (Durango))

*Limnephilus borealis* (JW Zetterstedt, 1840) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Recorded from Denmark by A Sode & P Wiberg-Larsen, 1993, Entomol Meddr 61: 15-19

Adult illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 138

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Lapland)

*Phryganea borealis* JW Zetterstedt, 1840

Syn.: *Limnephilus hyperboreus* CG Thomson, 1891

Syn.: *Limnephilus pavidus* R McLachlan, 1862

*Limnephilus bucketti* DG Denning, 1965 : NA (United States of America)

*Limnephilus bulgani* W Mey, 1991 (Mongolia)

*Limnephilus canadensis* N Banks, 1908 : NA (Canada)

*Limnephilus castor* HH Ross & DR Merkle, 1952 : NA (United States of America)

*Limnephilus catula* DG Denning, 1965 : NA (United States of America)

*Limnephilus caucasicus* F Schmid, 1955 (Russia (Caucasus))

Syn.: *Limnophilus abbreviatus* AV Martynov, 1926

*Limnephilus centralis* J Curtis, 1834 (Cited as senior synonym by FCJ Fischer, 1968, Trich Cat 9: 54-65

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Diagnosis of larva from *Limnephilus wittmeri* provided by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1997, spiziana 2092): 176

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 120  
Britain)

Syn.: *Limnephilus audeus* L Botosaneanu, 2000

Syn.: *Limnephilus bipartitus* J Curtis, 1834

Syn.: *Limnephilus elongatus* JF Stephens, 1837

Syn.: *Limnephilus fuliginosus* JF Stephens, 1837

Syn.: *Limnephilus ochraceus* J Curtis, 1834

Syn.: *Limnephilus punctatus* JF Stephens, 1837

Syn.: *Limnephilus terminalis* J Curtis, 1834

Syn.: *Limnephilus ustulatus* JF Stephens, 1837

Syn.: *Limnophilus flavus* C Linnaeus, 1758

*Limnephilus challisa* DG Denning, 1958 : NA (United States of America)

*Limnephilus cianficconiae* H Malicky, 1980 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sicily))

*Limnephilus cianficconiae hispaniae* L Botosaneanu, 2004 (Subspecies of *Limnephilus cianficconiae* H Malicky, 1980, Z Arbeitsgem oest Ent 32(1-2): 14, figs)

*Limnephilus cinctus* HA Hagen, 1865 (Synonym of *Limnephilus affinis* J Curtis according to FCJ Fischer, 1968, Trich Cat 9: 22

Synonym of *Limnephilus nybomi* H Malicky according to H Malicky, 2005, Linzer biol Beitr 37(1): 571)

Resurrected from synonym by SJ Hughes, 2008, in PAV Borges, AMF Aguiar, M Boieiro, M Carles-Tolra, ARM Borges, C Abreu, AM Franquinho Aguiar, P Carvalho, R Jardim, I Melo, P Oliveira, C Sergio, ARM Serrano, & P Vieira, Os artropodes (Arthropoda) dos arquipelagos da Madeira e das Selvagens, p 263, in book entitled, A list of the terrestrial fungi, flora and fauna of Madeira and Selvagens archipelagos Portugal (Madeira))

Syn.: *Limnephila impurus* P Rambur, 1842

Syn.: *Stenophylax oblitus* HA Hagen, 1865

*Limnephilus cockerelli* N Banks, 1900 : NA (United States of America)

Syn.: *Limnephilus loloensis* SD Smith, 1971

*Limnephilus coenosus* J Curtis, 1834 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Anabolia coenosus variety paludum* F Kolenati, 1859

Syn.: *Stenophylax arcticus* F Kolenati, 1848

*Limnephilus coloradensis* (N Banks, 1899) : NA (United States of America)

*Goniotaulius coloradensis* N Banks, 1899

*Limnephilus concolor* N Banks, 1899 : NA (United States of America)

Syn.: *Limnephilus cerus* HH Ross & GJ Spencer, 1952

Syn.: *Limnephilus lunonus* HH Ross, 1941

*Limnephilus correptus* R McLachlan, 1880 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203

The male described by AV Martynov, 1935, Trav Inst Zool Acad Sci URSS 2(2-3) as *Limnephilus correptus* R McLachlan is actually *Limnephilus mutabilis* according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 110 and not a male of *Limnephilus orientalis* AV Martynov as supposed by F Schmid, 1965, Reichenbachia 7(22)

Male redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 30, f 2a-b  
Russia (southeastern Siberia))

*Limnephilus ctenifer* OS Flint, 1967 : NA (Mexico (Durango))

*Limnephilus decipiens* (F Kolenati, 1848) : PA (As senior synonym, FCJ Fischer, 1968, Trich Cat 9:  
74-85

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard,  
1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993,  
Fauna norv Ser B 40: 49-57

Sex determination genetics by F Marec & K Novak, 1998, Eur J Entomol 95(2): 197-209

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005,  
Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift  
128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Bosnia ("Carniola"),  
Dalmatia, Hungary, the Balkans)

*Chaetotaulius decipiens* F Kolenati, 1848

Syn.: *Chaetotaulius nobilis* , 1855

Syn.: *Phryganea bimaculata* , 1763

Syn.: *Phryganea binotata* , 1791

*Limnephilus diphyes* R McLachlan, 1880 : NA, PA (Bibliography and distribution in Japan provided by  
T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn  
Symp Trichoptera 12: 55 Russia (northwestern Siberia))

*Limnephilus discolor* (N Banks, 1901) : NT (Mexico (Distrito Federal))

*Platyphylax discolor* N Banks, 1901

*Limnephilus dispar* R McLachlan, 1875 : NA, PA (Red Data List for Poland according to S  
Czachorowski & P Buczynski, 1999, Parki Narodowe i Rezerwaty Przyrody 18(2): 103-110

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Poland["Silesia"], Posen,  
Russia, Lithuania, Finland)

Syn.: *Limnephilus acrocurvus* DG Denning, 1942

Syn.: *Limnephilus zhitkovi* AV Martynov, 1914

Syn.: *Stenophylax minusculus* N Banks, 1907

Syn.: *Stenophylax nigridorsus* F Kolenati, 1848

*Limnephilus distinctus* L Tian & L Yang, 1993 : OL (China (Sichuan))

*Limnephilus diversus* (N Banks, 1903) : NA (Mean frequency, maximum percent composition, percent  
of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW  
Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Anabolina diversus* N Banks, 1903

*Limnephilus ectus* HH Ross, 1941 : NA (United States of America)

*Limnephilus elegans* J Curtis, 1834 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T  
Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993,  
Fauna norv Ser B 40: 49-57

Reported from southwestern Hungary by S Nogradi & A Uherkovich, 2002, Somogyi Muzeumok  
Kozlemenyei 15, Supplement Termeszettudomány: 129-144

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69 Britain)

Syn.: *Limnephilus bicolor*, 1876

Syn.: *Phryganea signifer* JW Zetterstedt, 1840

*Limnephilus externus* HA Hagen, 1861 : NA, OL, PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Effect of amphibian predator *Ambystoma tigrinum nebulosum* on larval prey discussed by SA Wissinger, HH Whiteman, GB Sparks, GL Rouse, & WS Brown, 1999, Ecology 80(6): 2102-2116

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Life-history trade-offs resulting from diet supplementation and pond-drying reported by JE Jannot, SA Wissinger, & JR Lucas, 2008, Biological Journal of the Linnean Society 95(3): 495-504 Canada)

Syn.: *Limnephilus luteolus* N Banks, 1899

Syn.: *Limnephilus oslari* N Banks, 1907

Syn.: *Limnephilus tersus* C Betten, 1934

Syn.: *Limnophilus congener* R McLachlan, 1875

*Limnephilus extractus* F Walker, 1852 : NA (Canada)

*Limnephilus extricatus* R McLachlan, 1865 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Recorded from Turkey by F Sipahiler, 2001, Braueria 28: 21-23

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Limnephilus extricatus sibiricus* W Mey, 1991 (*Limnephilus sibiricus* is preoccupied in *Limnephilus* by R McLachlan, 1874, and AV Martynov, 1929, so that this subspecies name is to be replaced

~*extricatus* R McLachlan, 1865, Tr Ent Soc London (3) 5: 49-50, pl 10 f 11-12

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55)

*Limnephilus fagus* HH Ross, 1941 : NA (United States of America)

Syn.: *Limnephilus saltus* DG Denning, 1949

*Limnephilus femoralis* W Kirby, 1837 : NA, PA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57 Canada)

Syn.: *Limnephilus nebulosus* W Kirby, 1837

Syn.: *Limnephilus perforatus* F Walker, 1852

Syn.: *Limnephilus stipatus* F Walker, 1852

Syn.: *Limnophilus (Goniotauius) subpunctulatus* HA Hagen, 1861  
*Limnophilus femoratus* (JW Zetterstedt, 1840) (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57)

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 53 Lapland)

*Phryganea femoratus* JW Zetterstedt, 1840  
*Limnophilus fenestratus* (JW Zetterstedt, 1840) : NA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57)

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Belonging to a genus other than *Limnophilus* according to TS Vshivkova, JC Morse, & D Ruiter, 2007, Proceedings of the International Symposium on Trichoptera 12: 316-317 Lapland)

*Phryganea fenestratus* JW Zetterstedt, 1840  
Syn.: *Limnophilus miser* R McLachlan, 1875  
*Limnophilus fischeri* DE Ruiter, 1995 : NA (Canada)

Syn.: *Limnophilus elongatus* N Banks, 1920  
*Limnophilus flavastellus* N Banks, 1918 : NA (Canada)  
*Limnophilus flavicornis* (JC Fabricius, 1787) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval case discussed by E Gaino, F Cianficconi, M Reboria, and B Todini, 2002, Ital J Zool 69: 141-145

Larval case, pupal case, and male photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 11-14

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Iberian Peninsula (Portugal) by JM Menendez & MAG Gonzalez, 2009, Boln Asoc esp Ent 33(1-2): 259-261 Germany)

*Phryganea flavicornis* JC Fabricius, 1787  
Syn.: *Limnophilus dorsalis* JF Stephens, 1837  
Syn.: *Limnophilus sibiricusoccidentis* Z Spuris, 1988  
Syn.: *Limnophilus apicalis* AV Martynov, 1924  
Syn.: *Phryganea fusca*, 1878

Syn.: *Phryganea testacea* A Costa, 1847  
 Syn.: *Phryganea viridiventris* L Dufour, 1841  
*Limnephilus flavospinosus* (JPEF Stein, 1874) (Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Greece)  
*Stenophylax flavospinosus* JPEF Stein, 1874  
 Syn.: *Limnophilus henyeri* L Navas, 1923  
*Limnephilus frijole* HH Ross, 1944 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)  
*Limnephilus fumosus* (N Banks, 1900) : NA (Lectotype designated by GB Wiggins & CR Parker, 1997, Biol Surv Canada Monogr Ser 2: 819)

Belonging in Species Group "Limnephilus" fumosus Genus Incertae Sedis, not Limnephilus, in infratribe Limnephilita, subtribe Limnephilina, according to TS Vshivkova, JC Morse, & D Ruiter, 2007, Proceedings of the International Symposium on Trichoptera 12: 318, f 4 Alaska)  
*Asynarchus fumosus* N Banks, 1900  
 Syn.: *Limnephilus isobela* AP Nimmo, 1991  
*Limnephilus fuscicornis* (P Rambur, 1842) : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)  
*Limnephila fuscicornis* P Rambur, 1842  
 Syn.: *Desmotaulius fumigatus* F Kolenati, 1848  
 Syn.: *Limnophilus cingulatus* F Brauer, 1857  
 Syn.: *Limnophilus rubricollis* H Burmeister, 1839  
 Syn.: *Phryganea fusca* JW Zetterstedt, 1840  
*Limnephilus fuscinervis* (JW Zetterstedt, 1840) : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden [?][Lapland"]  
*Phryganea fuscinervis* JW Zetterstedt, 1840  
 Syn.: *Colpotaulius vulsellus* F Kolenati, 1848  
*Limnephilus fuscinervis nigrosignatus* AV Martynov, 1910 (described originally as a variety of *Limnophilus fuscinervis*,

~*fuscinervis* (JW Zetterstedt, 1840, Ins Lapp p 1065), *Phryganea*)  
*Limnephilus fuscinervis solutus* R McLachlan, 1875 (described originally as a variety of *Limnophilus fuscinervis*,

~*fuscinervis* (JW Zetterstedt, 1840, Ins Lapp p 1065), *Phryganea*)  
*Limnephilus fuscovittatus* S Matsumura, 1904 : OL (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203)

Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 30-33, f 2e-f, 3c-j

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn



Symp Trichoptera 12: 55

Occurrence in lakes of Japan, as *Limnephilus fuscovitatus*, discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Japan (Nagoya) by T Nozaki, 2010, Nature of Irrigation Pond 49: 22 Japan)

Syn.: *Limnophilus subfuscus* G Ulmer, 1907

*Limnephilus germanus* R McLachlan, 1875 : PA (Two slightly different species are comprised under this name according to FCJ Fischer, 1968, Trich Cat 9: 152, but not so according to H Malicky, in litt

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval head widths, larval instars, life cycle, larva distinguished from *Limnephilus lunatus* by M Bolzhuber, 1998, Lauterbornia 34: 219-226

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany ("Bavaria"), Italy)

Syn.: *Limnephilus luniger* CG Thomson, 1891

*Limnephilus graecus* F Schmid, 1965 (Greece)

*Limnephilus granti* AP Nimmo, 1991 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribed, female described by DE Ruiter, 2007, Proc Entomol Soc Washington 109(1): 86-89, f 1-7 United States of America)

*Limnephilus griseus* (C Linnaeus, 1758) : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Reported from Norway and all North Atlantic Islands except Svalbard by GM Gislason, 2005, Verh Internatn Verein Limnol 29: 199

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Confirmed from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Sweden)

*Phryganea griseus* C Linnaeus, 1758

Syn.: *Limnephila variegata* P Rambur, 1842

Syn.: *Limnephilus bipunctatus* JF Stephens, 1837

Syn.: *Limnephilus fenestralis* J Curtis, 1834

Syn.: *Limnephilus luniger* JF Stephens, 1837

Syn.: *Limnephilus marginalis* JF Stephens, 1837

Syn.: *Limnephilus obliquus* JF Stephens, 1837

Syn.: *Limnephilus signatus* JF Stephens, 1837  
*Limnephilus griseus selene* F Kolenati, 1848 (originally described as a variety of *Goniotaulius griseus*)

~griseus (C Linnaeus, 1758, Syst Nat ed 10: 547), Phryganea)  
*Limnephilus griseus senex* F Kolenati, 1848 (originally described as variety of *Goniotaulius griseus*)

~griseus (C Linnaeus, 1758, Syst Nat ed 10: 547), Phryganea)  
*Limnephilus griseus taeniatus* F Kolenati, 1848 (originally described as a variety of *Goniotaulius griseus*)

~griseus (C Linnaeus, 1758, Syst Nat ed 10: 547), Phryganea)  
*Limnephilus guadarramicus* F Schmid, 1955 (Variations of larval case, extension of range to central and southern Iberian Peninsula discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 58)

Degree of intolerance score (DIS) of 7.64 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521 Spain)

*Limnephilus hageni* N Banks, 1930 : NA (Canada)

*Limnephilus hamifer* OS Flint, 1963 : NT (Costa Rica)

*Limnephilus harrimani* N Banks, 1900 : NA (Alaska)

Syn.: *Limnephilus aequalis* N Banks, 1914

*Limnephilus helveticus* F Schmid, 1965 (Androconial structures of wings, possible role in mating by MC Bicchierai & G Moretti, 1997, P Internatn Symp Trich 8: 31-36 Switzerland)

*Limnephilus hermonianus* L Botosaneanu, 1992 (Described originally as a subspecies of *Limnephilus turanus* (AV Martynov, 1928, Annuaire Mus Leningrad 28 ("1927"): 488-489, pl 27 f 6-11), *Astratodes*)

Elevated to species level by VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 107, 114

Transferred to *Astratodes* by VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 107, 114, but this action is premature according to W Mey, D Ruiter, and V Ivanov, 2002, Proc Internatn Symp Trich 10: 118-119 Lebanon and Syria)

*Limnephilus hirsutus* (FJ Pictet, 1834) (First record for Finland reported by Anonymous, 1999, Entomol Fenn 10(1): 1-5)

Larval case, pupal case, and male photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 15-18

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Larva and pupa described by F Cianficconi & P Salerno, 2003, Braueria 30: 26, f 1-20

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

*Phryganea hirsutus* FJ Pictet, 1834

*Limnephilus homeros* H Malicky, 2011 : OL (Male described originally Holotype--Male; CHINA: Sichuan, Erlang Shan, 2100 m, 29°52'N, 102°18'E, 6-x-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))

*Limnephilus horstaspoecki* H Malicky, 2004 : OL (Female described originally near *Limnephilus bipunctatus* J Curtis and *Limnephilus lakshaman* J Olah)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Female; NEPAL: Lichtfang beim Lager 1, 1-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Limnephilus hovsgolicus* JC Morse, 1999 ( Reported skating on the surface of Lake Hovsgol by JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227 Mongolia)

*Limnephilus hyalinus* HA Hagen, 1861 : NA (Canada)

*Limnephilus ignavus* R McLachlan, 1865 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Female described by F Cianficconi, C Corallini, S Mazzerioli, & P Salerno, 2000, Boll Assoc Romana Entomol 55(1-4): 59-59, f 10-12

Pupal case, male, and female photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 19-21

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

Syn.: *Halesus rivularis* L Navas, 1917

*Limnephilus indivisus* F Walker, 1852 : NA (Canada)

Syn.: *Limnephilus selatus* DG Denning, 1966

Syn.: *Limnephilus subguttatus* F Walker, 1852

*Limnephilus infernalis* (N Banks, 1914) : NA (United States of America)

*Anisogamus infernalis* N Banks, 1914

*Limnephilus iranus* (AV Martynov, 1928) (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Astratodes iranus* AV Martynov, 1928

*Limnephilus italicus* R McLachlan, 1884 (Originally described as variety of *Limnephilus centralis*

Reported from Luxembourg by PJ Neu, 2005, Lauterbornia 54: 79-90 Italy)

*Limnephilus janus* HH Ross, 1938 : NA (United States of America)

Syn.: *Colpotaulius minusculus* N Banks, 1924

*Limnephilus kalama* DG Denning, 1968 : NA (United States of America)

*Limnephilus kaumarajiva* F Schmid, 1961 : OL (Pakistan)

*Limnephilus kedrovayaensis* AP Nimmo, 1995 (Russia (Primorye))

*Limnephilus kennicotti* N Banks, 1920 : NA (Canada)

Syn.: *Limnephilus moselyi* , 1951

*Limnephilus labus* HH Ross, 1941 : NA (United States of America)

*Limnephilus lakshaman* J Olah, 1994 : OL (Pakistan)

*Limnephilus lithus* (LJ Milne, 1935) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Anabolina lithus* LJ Milne, 1935

*Limnephilus lopho* HH Ross, 1949 : NA (United States of America)

*Limnephilus lunatus* J Curtis, 1834 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Larva distinguished from *Limnephilus germanus* by M Bolzhuber, 1998, Lauterbornia 34: 219-226

In situ bioassay to short-term insecticide contamination described by R Schulz & M Liess, 1999, Environ Toxicol Chem 18(10): 2243-2250

Acute and chronic effects of particle-associated fenvalerate R Schulz, & M Liess, 2001, Archives of Environmental Contamination and Toxicology 40(4): 481-488

Larval case, pupa, pupal case, and male photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 22-25

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Limnephila flavida* P Rambur, 1842

Syn.: *Limnephilus apicalis* J Curtis, 1834

Syn.: *Limnephilus nebulosus* J Curtis, 1834

Syn.: *Phryganea lunaris* FJ Pictet, 1834

*Limnephilus lunatus concavus* O Siitonen, 1947 (Originally described as form of *Limnephilus lunatus* J Curtis, 1834, Phil Mag 4: 123)

*Limnephilus lunatus hyalinulus* J Sahlberg, 1894 (Originally described as a variety of *Limnephilus lunatus* J Curtis, 1834, Phil Mag 4: 123)

*Limnephilus luridus* J Curtis, 1834 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from France by G Coppa, A Manach, & J Le Doare, 2004("2003"), Ephemera 5(1): 19-22 Britain)

Syn.: *Limnephilus irroratus* JF Stephens, 1837

*Limnephilus major* (AV Martynov, 1909) : NA, PA (Reports of *Limnephilus incisus* J Curtis in eastern Russia are in error but are *Limnephilus major* instead according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 111

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Armenia)

*Colpotauius major* AV Martynov, 1909

Syn.: *Colpotauius tarsalis* N Banks, 1920

Syn.: *Limnephilus alvatus* DG Denning, 1968

*Limnephilus malickyi* F Sipahiler, 1992 (Turkey)

*Limnephilus mandibulus* L Yang & W Yang, 2005 (Male described originally, near *Limnephilus ornatulus*, from Shaanxi and Gansu Province Holotype--Male; CHINA: Shaanxi Province, Zhouzhi County, Houzhenzi, 2500-3000 m, 22-vi-1999, coll. He Tongli; deposited in the Insect Collection of the Institute of Zoology, Chinese Academy of Sciences, Beijing, People's Republic of China China (Shaanxi))

*Limnephilus marmoratus* J Curtis, 1834 (Functional morphology of adult thorax described by AR Tindall, 1965, Trans Roy Entomol Soc London 117(5): 127-166

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Limnephila vitrea* P Rambur, 1842

Syn.: *Limnephilus discoidalis* J Curtis, 1834

Syn.: *Limnephilus (Chaetotaulius) vitratus* F Walker, 1852

Syn.: *Phryganea atomaria* JW Zetterstedt, 1840

Syn.: *Phryganea maculata* A Costa, 1847

*Limnephilus marmoratus nobilis* F Kolenati, 1848 ( ~marmoratus J Curtis, 1834, Phil Mag 4: 123

originally described as a species of *Chaetotaulius*

(R McLachlan, 1875, Rev Syn p 55-56, as a variety of *Limnophilus marmoratus*)

*Limnephilus martynovi* K Kumanski, 1994 (Preoccupied in *Limnephilus* by *Limnephilus +martynovi* (FM Carpenter, 1931, Ann ent Soc Amer 24: 322, f 5), +*Miopsyche*, and needing to be replaced Russia (central Siberia))

*Limnephilus maya* OS Flint, 1967 : NT (Guatemala)

*Limnephilus mclachlani* VN Grigorenko, 2002 (Replacement name for *Limnephilus signifer* AV Martynov, 1909 China (Qinghai))

Syn.: *Limnophilus signifer* AV Martynov, 1909

*Limnephilus mexicanus* OS Flint, 1967 : NA (Mexico (Durango))

*Limnephilus microdentatus* AV Martynov, 1913 (Reported from Romania (Western Plain, Cefa) by L Ujvarosi, 1999("1998"), Entomologica Romanica 3: 73-78

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Georgia)

*Limnephilus minos* H Malicky, 1971 (Greece (Crete))

*Limnephilus moestus* N Banks, 1908 : NA (Canada)

Syn.: *Limnephilus gioia* DG Denning, 1948

Syn.: *Limnephilus hingstoni* ME Mosely, 1929

Syn.: *Limnephilus valhalla* AP Nimmo, 1971

*Limnephilus morrisoni* N Banks, 1920 : NA (United States of America)

*Limnephilus mutabilis* AV Martynov, 1914 : NA (Described originally as a subspecies of *Phryganea borealis* JW Zetterstedt, 1840, Ins Lapp p 1062-1063

Elevated to species status by VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 107, 109-110

*Limnephilus mutabilis* AV Martynov was called *Limnephilus subcentralis* by AP Nimmo, TI Arefina, and IM Levanidova, 1997, in VS Kononenko (ed.), Key Ins Russian Far East according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 109

The male described by AV Martynov, 1935, Trav Inst Zool Acad Sci URSS 2(2-3) as *Limnephilus correptus* R McLachlan is actually *Limnephilus mutabilis* according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 110 and not a male of *Limnephilus orientalis* AV Martynov as supposed by F Schmid, 1965, Reichenbachia 7(22) Lectotype--Male; Kamchatka River nr Kamaki village, Kulukoltseva Prorva, 12-08-1908, A Derzhavin leg (designated by VN Grigorenko, 2002, Proc

Internatn Symp Trich 10: 109); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia (Kamtchatka))

Syn.: *Limnephilus alagnaki* DE Ruiter, 1995

*Limnephilus nigriceps* (JW Zetterstedt, 1840) : NA, PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 54

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Belonging to Species Group *Limnephilus nigriceps* according to TS Vshivkova, JC Morse, & D Ruiter, 2007, Proceedings of the International Symposium on Trichoptera 12: 318, f 4

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Lapland)

*Phryganea nigriceps* JW Zetterstedt, 1840

Syn.: *Chaetotaulius striola* F Kolenati, 1848

Syn.: *Limnephilus forcipatus* N Banks, 1924

*Limnephilus nimmoi* D Roy & PP Harper, 1975 : NA (Canada)

*Limnephilus nipponicus* F Schmid, 1964 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Limnephilus nogus* HH Ross, 1944 : NA (United States of America)

*Limnephilus nybomi* H Malicky, 1984 ("Forma brachyptera" male and female of *Mesophylax oblitus* (HA Hagen, 1865) described by O Nybom, 1963, Notulae Entomologicae 43: 116-117, f 1 Portugal (Madeira))

Syn.: *Limnephila impurus* P Rambur, 1842

Syn.: *Stenophylax oblitus* HA Hagen, 1865

*Limnephilus obsoletus* P Rambur, 1842 (Spain)

Syn.: *Limnophilus acrophylax* F Schmid, 1952

*Limnephilus occidentalis* N Banks, 1908 : NA (United States of America)

Syn.: *Limnephilus whiteheadi* AP Nimmo, 1991

*Limnephilus orientalis* AV Martynov, 1935 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 203-204

The male described by AV Martynov, 1935, Trav Inst Zool Acad Sci URSS 2(2-3) as *Limnephilus correptus* R McLachlan is actually *Limnephilus mutabilis* according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 110 and not a male of *Limnephilus orientalis* AV Martynov as supposed by F Schmid, 1965, Reichenbachia 7(22)

Male and female redescribed, first recorded from Korean peninsula by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 30, f 2c-d, 3a-b

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Lectotype-Female (designated by VN

Grigorenko, 2002, Proc Internatn Symp Trich 10: 110); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Japan)

Syn.: *Limnophilus ukibaensis* M Kobayashi, 1975

*Limnophilus ornatulus* F Schmid, 1965 (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204 Russia (Kurile Islands))

*Limnophilus ornatus* N Banks, 1897 : NA, PA (Occurring in Europe and Iceland according to AP Nimmo, 1971, Quaest ent 7: XX?)

Occurring in Greenland, but not Iceland (based on omission from list of G Gíslason, 1981, Proc Internatn Symp Trich 3: 99-109), and included in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 571

Attracted to sugar maple (*Acer saccharum* Marsh) sap, Prince Edward Island, Canada, according to CG Majka, 2010, ZooKeys 51: 73-82 United States of America)

*Limnophilus pantodapus* R McLachlan, 1875 : PA (Lapland)

Syn.: *Limnophilus asaphes* R McLachlan, 1880

*Limnophilus pantodapus brachypterus* O Siitonen, 1951 (

~*pantodapus* R McLachlan, 1875, Rev Syn p 70-71, pl 9 f 1-9, Limnophilus)

*Limnophilus pantodapus hyalinatus* HDJ Wallengren, 1879 (described originally as *Limnophilus hyalinatus*)

reduced to variety of *Limnophilus pantodapus* by J Sahlberg, 1894, Acta Soc F Fl Fenn 9(3): 4, 9

~*pantodapus* R McLachlan, 1875, Rev Syn p 70-71, pl 9 f 1-9, Limnophilus)

*Limnophilus partitus* F Walker, 1852 : NA (Canada)

Syn.: *Limnophilus adustus* N Banks, 1920

*Limnophilus parvulus* (N Banks, 1905) : NA (United States of America)

*Stenophylax ? parvulus* N Banks, 1905

Syn.: *Apolopsyche pallida* N Banks, 1924

Syn.: *Limnophilus roberti* N Banks, 1930

*Limnophilus pati* JP O'Connor, 1980 (Republic of Ireland)

Syn.: *Limnophilus eidelii* W Tobias, 1981

*Limnophilus peculiaris* R McLachlan, 1875 (Caucasus)

*Limnophilus peltus* DG Denning, 1962 : NA (

Belonging in some genus other than *Limnophilus* and with tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 United States of America)

*Limnophilus perpusillus* F Walker, 1852 : NA (Canada)

Syn.: *Colpotaulius rhaeus* LJ Milne, 1935

Syn.: *Limnophilus merinthus* HH Ross, 1938

*Limnophilus petri* M Marinkovic-Gospodnetic, 1966 (Bosnia)

*Limnophilus picturatus* R McLachlan, 1875 : NA, PA (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia, Sweden, Finland)

Syn.: *Limnophilus clausus* N Banks, 1924

Syn.: *Limnophilus kincaidi* N Banks, 1900

Syn.: *Limnophilus exulans* R McLachlan, 1876

Syn.: *Limnophilus miyadai* M Tsuda, 1924

*Limnophilus politus* R McLachlan, 1865 : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Reported from United Kingdom (West Midlands, Sandwell Valley) by Anonymous, 2000, Sandnats 22(3): 10-12, 20

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Goniotaulius concentricus* F Kolenati, 1848

*Limnephilus pollux* OS Flint, 1967 : NA (Mexico (Durango))

*Limnephilus ponticus* R McLachlan, 1898 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Asia Minor, Mesopotamia)

*Limnephilus primoryensis* AP Nimmo, 1995 (Russia (Primorye))

*Limnephilus productus* N Banks, 1914 : NA (United States of America)

Syn.: *Limnephilus neoaculus* DG Denning, 1965

Syn.: *Limnephilus utahensis*

*Limnephilus quadratus* AV Martynov, 1914 : PA (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204 Russia (southeastern Siberia - Sakhalin))

*Limnephilus rhea* DE Ruiter, 1995 : NA (United States of America (Idaho))

*Limnephilus rhombicus* (C Linnaeus, 1758) : NA, PA (Atypical larval case construction by J Majecki, 1983 ("1982"), Acta Univ Loziensis Folia Limnol 1: 51-60

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Fossils described by JO Solem and HH Birks, 2002, Proc Internatn Symp Trich 10: 75-80

Larval case and male photographed by F Cianficconi, C Corallini, S Mazzerioli, and P Salerno, 2002, Quaderni della "Sagra della Patata Rossa" 3: 386-410, f 26-27

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, Can J Zool 81: 1083-1095

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64, 70



Belonging to Species Group *Limnephilus rhombicus* according to TS Vshivkova, JC Morse, & D Ruiter, 2007, Proceedings of the International Symposium on Trichoptera 12: 318, f 4

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea rhombicus* C Linnaeus, 1758

Syn.: *Limnephilus chilcotinensis* AP Nimmo, 1991

Syn.: *Limnephilus combinatus* F Walker, 1852

Syn.: *Phryganea rhomboidica*, 1795

*Limnephilus rhombicus monolobatus* AV Martynov, 1910 (Described originally as an abnormality of *Limnephilus miser*)

~*rhombicus* (C Linnaeus, 1758, Syst Nat ed 10: 548), *Phryganea*)

*Limnephilus rhombicus reseri* H Malicky, 1985 (~*rhombicus* (C Linnaeus, 1758, Syst Nat ed 10: 548), *Phryganea*)

Second record for Valais, Switzerland, provided by H Malicky, 1999, Entomol Ber Luzern 42: 103-108

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Limnephilus rohweri* N Banks, 1908 : NA (United States of America)

*Limnephilus rothi* DG Denning, 1966 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Limnephilus sackeni* N Banks, 1930 : NA (United States of America)

Syn.: *Limnephilus susana* AP Nimmo, 1971

*Limnephilus samoedus* (R McLachlan, 1880) : NA, OL (Belonging in Species Group "*Limnephilus*" *samoedus* Genus Incertae Sedis, not *Limnephilus*, in new infratribe *Colpotauliita*, subtribe *Limnephilina*, according to TS Vshivkova, JC Morse, & D Ruiter, 2007, Proceedings of the International Symposium on Trichoptera 12: 318, f 4 Russia (central Siberia))

*Astratus samoedus* R McLachlan, 1880

Syn.: *Astratus tricalcaratus* ME Mosely, 1936

Syn.: *Limnephilus chereshevi* AP Nimmo, 1995

Syn.: *Zaporota pallens* N Banks, 1920

*Limnephilus sansonii* N Banks, 1918 : NA (Canada)

*Limnephilus santanus* HH Ross, 1949 : NA (United States of America)

*Limnephilus secludens* N Banks, 1914 : NA (Canada)

*Limnephilus sericeus* (T Say, 1824) : NA, PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Canada)

*Phryganea sericeus* T Say, 1824

Syn.: *Anabolia decepta* N Banks, 1899

Syn.: *Apatania fuscostigma* S Matsumura, 1931

Syn.: *Limnephilus despectus* F Walker, 1852

Syn.: *Limnephilus eminens* C Betten, 1934

Syn.: *Limnephilus multifarius* F Walker, 1852

Syn.: *Limnophilus perforatus* F Walker, 1852  
Syn.: *Limnophilus shimushirensis* M Tsuda, 1942  
Syn.: *Phryganea pilosula* JW Zetterstedt, 1840  
*Limnophilus sibiricus* AV Martynov, 1929 (Described originally as *Limnophilus subfuscus sibiricus* Russia (southwestern Siberia))  
Syn.: *Limnophilus spurisi* VN Grigorenko, 2002  
*Limnophilus sierrata* DG Denning, 1968 : NA (United States of America)  
*Limnophilus sitchensis* (F Kolenati, 1859) : NA (United States of America)  
*Goniotaulius sitchensis* F Kolenati, 1859  
Syn.: *Limnophilus pacificus* N Banks, 1899  
*Limnophilus solidus* (HA Hagen, 1861) : NA, NT (Mexico)  
*Hallesus solidus* HA Hagen, 1861  
Syn.: *Limnophilus toussainti* N Banks, 1924  
*Limnophilus sparsus* J Curtis, 1834 : PA (As senior synonym, FCJ Fischer, 1968, Trich Cat 9: 300-314

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai, Irkusk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 120  
Britain)

Syn.: *Desmotaulius megerlei* F Kolenati, 1848  
Syn.: *Desmotaulius unimaculatus* F Kolenati, 1848  
Syn.: *Limnophilus cianficconiae hispaniae* L Botosaneanu, 2004  
Syn.: *Limnophilus flavescens* JF Stephens, 1837  
Syn.: *Limnophilus fuscatus* JF Stephens, 1837  
Syn.: *Limnophilus fuscus* JF Stephens, 1837  
Syn.: *Limnophilus punctatissimus* JF Stephens, 1837  
Syn.: *Limnophilus tenebricus* J Curtis, 1834  
Syn.: *Limnophilus vinculum* J Curtis, 1834  
Syn.: *Limnophilus paramushirensis* M Tsuda, 1942  
*Limnophilus sparsus instillatus* HDJ Wallengren, 1879 ( ~sparsus J Curtis, 1834, Phil Mag 4: 123 [as senior syn, FCJ Fischer, 1968, Trich Cat 9: 300-314]

originally described as a species of *Limnophilus*

(HDJ Wallengren, 1884, Ent Tidskr 5: 124, as variety of *Limnophilus sparsus*)  
*Limnophilus sparsus pallidus* AV Martynov, 1928 (originally described as a variety of *Limnophilus sparsus*)

~*sparsus* J Curtis, 1834, Phil Mag 4: 123 [as senior syn, FCJ Fischer, 1968, TrichCat 9: 300-314]  
*Limnophilus sparsus simplex* KH Forsslund, 1935 (originally described as a variety of *Limnophilus sparsus*)

~*sparsus* J Curtis, 1834, Phil Mag 4: 123

[as senior syn, FCJ Fischer, 1968, Trich Cat 9: 300-314]  
*Limnophilus spinatus* N Banks, 1914 : NA (United States of America)  
*Limnophilus stigma* J Curtis, 1834 : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhøe, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Ultrastructure of midgut described by SYu Chaika & GV Farafonova, 19XX, Revue 'Entomologis de l'URSS 59(1): 67-72, f 3-5

First record for Hungary provided by S Nogradi, 1998, Folia Entomol Hungarica 59: 73-78

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai, Chita Region)) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Confirmed from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 (Britain)

Syn.: *Goniotaulius stigmaticus* F Kolenati, 1848

Syn.: *Limnophila fulva* P Rambur, 1842

*Limnophilus stigma palmeni* J Sahlberg, 1894 (Originally described as *Limnophilus griseus* var *palmeni* [probably *Limnophilus griseus* HDJ Wallengren nec Linnaeus, a synonym of *Limnophilus stigma* according to FCJ Fischer, 1968, Trich Cat 9: 325];

~*stigma* J Curtis, 1834, Phil Mag 4: 123)

*Limnophilus subcentralis* F Brauer, 1857 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhøe, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

*Limnephilus mutabilis* AV Martynov was called *Limnephilus subcentralis* by AP Nimmo, TI Arefina, and IM Levanidova, 1997, in VS Kononenko (ed.), Key Ins Russian Far East according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 109

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 54

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Russia (European part, Sakhalin, Far East, Siberia) and Europe by TI Arefina, N Minakawa, & T Nozaki, 2004, Flora and Fauna of Sakhalin Island (Materials of International Sakhalin Project) Part I, Vladivostok, Dalnauka, p 212

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria)

*Limnephilus sublunatus* L Provancher, 1877 : NA (Canada)

Syn.: *Limnephilus macgillivrayi* N Banks, 1908

Syn.: *Limnephilus americanus* N Banks, 1900

*Limnephilus submonilifer* F Walker, 1852 : NA (Belonging to some unknown genus other than *Limnephilus* and with tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 North America)

Syn.: *Limnephilus (Goniotaulius) pudicus* HA Hagen, 1861

*Limnephilus subnitidus* R McLachlan, 1875 : PA ("Habitat prope Maracandam," R McLachlan, 1975, Reise Turkestan Fedtschenko Neuroptera, p 27

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Uzbekistan)

Syn.: *Limnephilus scalenus* HDJ Wallengren, 1879

*Limnephilus sylviae* DG Denning, 1949 : NA (United States of America)

*Limnephilus taloga* HH Ross, 1938 : NA (United States of America)

Syn.: *Limnephilus chavas* AP Nimmo, 1991

*Limnephilus tauricus* F Schmid, 1964 (Recorded from Denmark by P Wiberg-Larsen, M Stoltze, & B Mogensen, 1980, Entomol Meddr 48: 12

Reported from Italy (Calabria) by H Malicky, 2005("2004"), Gortania 26: 254 Turkey)

Syn.: *Limnephilus hirsutoides* , 1971

*Limnephilus thorus* HH Ross, 1938 : NA (United States of America)

*Limnephilus tibeticus* F Schmid, 1966 : OL (India)

*Limnephilus tiunovae* TI Arefina & IM Levanidova, 1996 (Russia (Primorye Region))

*Limnephilus transcaucasicus* AV Martynov, 1909 (Not listed as a WP species, taxonomic situation relative to *Limnephilus bipunctatus* J Curtis, 1834, and to its synonym *Limnephilus barbatus* AV Martynov, 1917, discussed by H Malicky, 2005, Linzer biol Beitr 37(1): 570 Georgia)

*Limnephilus tulatus* DG Denning, 1962 : NA, NT (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Limnephilus turanus* (AV Martynov, 1928) : PA (Reported from Iran by A Mirmoayedi & H Malicky,

2002, *Zoology in the Middle East* 26: 163-168 Lectotype--Male; Dagenstan, Petrovsk-Port, Museum, at light, 7-10-1925, M Rjabov leg (designated by VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 114); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia (Caucasus), Uzbekistan)

*Astratodes turanus* AV Martynov, 1928

*Limnephilus uintah* AP Nimmo, 1991 : NA (United States of America)

*Limnephilus valleii* H Malicky, 2004 (Male described originally near *Limnephilus sparsus*, *Limnephilus obsoletus*, and *L. cianficconiae*)

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Holotype--Male; Italy: Corsica, Bach suedlich des Lac de Barrage de l'Ospedale, 900 m, 41°39'N, 9°12'E, 12-vi-1981, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Italy (Corsica))

*Limnephilus vittatus* (JC Fabricius, 1798) : PA (Listed as senior synonym by FCJ Fischer, 1968, *Trich Cat* 9: 337-352)

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Life cycle, ecology & mountain pool habitat by F Cianficconi, G Moretti, & Maria Castellani, 1994, *Atti Congr Nax Ital Entomol* 17: 417-422

Single species in resurrected *Goniotaulius* F Kolenati, 1848, according to VN Grigorenko, 2002, *Proc Internatn Symp Trich* 10: 107, 114

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Germany)

*Phryganea vittatus* JC Fabricius, 1798

Syn.: *Limnephilus consobrinus* J Curtis, 1834

Syn.: *Limnephilus nigrivittatus* JF Stephens, 1837

Syn.: *Limnephilus notatus* JF Stephens, 1837

Syn.: *Limnephilus praeustus* JF Stephens, 1837

Syn.: *Limnephilus substrigosus* JF Stephens, 1837

Syn.: *Phryganea elegans* FJ Pictet, 1834

Syn.: *Phryganea subpunctulatus* JW Zetterstedt, 1840

*Limnephilus wittmeri* H Malicky, 1972 (Larval description, diagnosis from larva of *Limnephilus centralis*, larval and pupal habitat provided by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1997, *Spiziana* 2092): 173-177 Spain)

*Limnephilus xanthodes* R McLachlan, 1873 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32)

Reported from Oestfold and Akershus, Norway, as *Limnephilus binotatus* J Curtis, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, as *Limnephilus binotatus* J Curtis, by T Andersen, LO Hansen, KA

Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Listed from northwestern Turkey as *Limnephilus binotatus* Curtis, 1834, by F Sipahiler, 2007, Braueria 34: 39

Reported from Gotland Island, Sweden, as *Limnephilus binotatus* J Curtis, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine as *Limnephilus binotatus* J Curtis by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Chaetotaulius borealis* F Kolenati, 1848

Syn.: *Limnephilus binotatus*, 1834

*Limnephilus xanthodes selene* R McLachlan, 1875 (as variety of *Limnephilus xanthodes* [preoccupied in *Limnephilus* by F Kolenati, 1848],

~*xanthodes* R McLachlan, 1873, Ent Montly Mag 10: 164, *Limnephilus*)

*Limnephilus zhejiangensis* K-M Leng & L-F Yang, 2004 : OL (Male described originally near *Limnephilus distinctus* L-X Tian & L-F Yang Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Zhejiang Province, Qinyuan County, Mt Baishanzu, 550 m, 23-iv-1994, col XU Yu-Zhong; deposited in the Insect Collection of the Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Limnephilus znojko* AV Martynov, 1938 (Azerbaijan)

### ***Limnocentropus* G Ulmer, 1907**

*Limnocentropus apollon* H Malicky, 1999 : OL (Thailand)

*Limnocentropus arcuatus* L-F Yang & JC Morse, 2005 (Male described originally from China (Gansu, Shaanxi) near *Limnocentropus insolitus* G Ulmer China (Gansu))

*Limnocentropus auratus* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Limnocentropus bifidus* DE Kimmins, 1950 : OL (Myanmar)

*Limnocentropus borneonius* G Ulmer, 1930 : OL (Indonesia (Kalimantan))

*Limnocentropus grandis* N Banks, 1934 : OL (Malaysia (Sabah))

*Limnocentropus himalayanus* AV Martynov, 1930 : OL (Described originally as a subspecies of *Limnocentropus insolitus* G Ulmer;

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

Syn.: *Limnocentropus fletcheri* ME Mosely, 1935

*Limnocentropus hysbald* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Limnocentropus insolitus* G Ulmer, 1907 (Japan)

Syn.: *Kitagama montana* M Iwata, 1927

*Limnocentropus inthanonensis* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Limnocentropus mergatus* DE Kimmins, 1950 : OL (India)

*Limnocentropus moselyi* DE Kimmins, 1950 : OL (Myanmar)

*Limnocentropus rectus* DE Kimmins, 1950 : OL (India)

*Limnocentropus sammuanensis* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Limnocentropus siribhumensis* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

### ***Limnoecetis* G Marlier, 1955**

*Limnoecetis tanganicae* G Marlier, 1955 : AT (Reported skating on the surface of Lago Toro, Osorno, Chile, according to G Marlier, 1955, Revue de zoologie et de botanique africaines 52: 150-155 and JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227 Democratic Republic of the Congo)

### ***Lingora* ME Mosely, 1936**

*Lingora aurata* ME Mosely, 1936 : AU (Australia)  
Syn.: *Lingora caparti* S Jacquemart, 1965  
*Lingora coomata* ME Mosely, 1953 : AU (Australia)  
*Lingora plicata* N Banks, 1939 : AU (Australia)  
*Lingora vesca* A Neboiss, 1977 : AU (Australia)

#### ***Lithax* R McLachlan, 1876**

*Lithax incanus* (HA Hagen, 1859) (Armenia)  
Silo *incanus* HA Hagen, 1859  
*Lithax musaca* H Malicky, 1972 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Turkey)  
*Lithax niger* (HA Hagen, 1859) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)  
Silo *niger* HA Hagen, 1859  
Syn.: *Aspatherium frigidum* LR Meyer-Duer, 1864  
*Lithax obscurus* (HA Hagen, 1859) (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 260

First report for Slovenia by G Urbanic, C Krusnik, & H Malicky, 2000, Acta Entomologica Slovenica 8(1): 43-48

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)  
Silo *obscurus* HA Hagen, 1859  
Syn.: *Lithax fuscipes* M Rostock, 1879

#### ***Lype* R McLachlan, 1878**

*Lype afra* ME Mosely, 1939 : AT (Uganda)  
*Lype atnia* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam as *Lype vietnamella* by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Vietnam, Thailand, Indonesia (Sumatra) by J Olah & H Malicky, 2010, Braueria 37: 28

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Thailand)  
Syn.: *Lype vietnamella* W Mey, 1996  
*Lype auripilis* R McLachlan, 1884 (habitat, distribution, larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1998, Spixiana 21(3): 230 Portugal)  
*Lype dadayensis* F Sipahiler, 2006 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)  
*Lype daurica* VD Ivanov & IM Levanidova, 1996 (Russia (Primorye Region))  
*Lype dhumravarna* F Schmid, 1972 : OL (India)  
*Lype diversa* (N Banks, 1914) : NA (Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, Can J Zool 81: 1083-1095 United States of America)

*Psychomyia diversa* N Banks, 1914  
Syn.: *Lype griselda* C Betten, 1934  
*Lype excisa* W Mey, 1991 (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52 Russia (Sakhalin))  
*Lype lubaretsi* TI Arefina, 2005 (Male described originally near *Lype phaeopa* HA Hagen and *Lype*

zwicki Holotype--Male; RUSSIA: Amurskaya Oblast, Aldikon River near Norsk Village (Amur River Basin), 16-vi-2004, TI Arefina Russia (Amurskaya Oblast)

*Lype nitida* B Statzner, 1976 : AT (Democratic Republic of the Congo)

*Lype phaeopa* (JF Stephens, 1836) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Female and emergence-mating-oviposition described by P Wiberg-Larsen, 1995, Aq Ins 17(2): 65-70, f 1-2

Adult mesonotum illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 158

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Morphological characteristics of sensilla on the female ovipositor reported by B Spaenhoff, C Alecke, N Kaschek, J Lange, & EI Meyer, 2003, Journal of Insect Science (Tucson) 3(12): Unpaginated

Larval mouthparts, gut contents, and retreat-construction described by B Spaenhoff, U Schulte, C Alecke, N Kaschek, & EI Meyer, 2003, European Journal of Entomology 100(4): 563-570

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Listed from northwestern Turkey as *Lype phaeorpa* by F Sipahiler, 2007, Braueria 34: 39

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 68

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Anticyra phaeopa* JF Stephens, 1836

Syn.: *Anticyra gracilipes* JF Stephens, 1836

Syn.: *Beraea melas* F Brauer, 1857

Syn.: *Cyrnus urbanus* JF Stephens, 1836

Syn.: *Lype phaeopa meridionalis* GP Moretti, 1986

Syn.: *Lype sinuata* R McLachlan, 1878

Syn.: *Psychomia derelicta* R McLachlan, 1863

Syn.: *Tinodes (Homoeocerus) pusillus* F Kolenati, 1859

*Lype phaeopa meridionalis* GP Moretti, 1986 (

~*phaeopa* (JF Stephens, 1836, Ill Br Ent 6: 159), *Anticyra*)

*Lype reducta* (HA Hagen, 1868) (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Female and emergence-mating-oviposition described by P Wiberg-Larsen, 1995, Aq Ins 17(2): 65-70, f 3-4

Genital morphology discussed by F Cianficconi, S Mazzerioli, G Moretti, & P Salerno, 1999, bolletino della Societa Entomologica Italiana 131(2): 147-177

Range extended to southeastern Iberian Peninsula by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 56

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797



Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Germany)

*Psychomia reducta* HA Hagen, 1868

Syn.: *Lype flavospinosa* ME Mosely, 1930

*Lype tipmanee* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Lype zwicki* TI Arefina, 2002 (Reported from Russia (Khabarovsky Krai, Amur River Basin) by TI Arefina, 2005, *Zootaxa* 1088: 46 Russia (Khabarovsky Krai))

### ***Machairocentron* F Schmid, 1982**

*Machairocentron ascanius* F Schmid, 1982 : NT (Panama)

*Machairocentron echinatum* (OS Flint, 1981) : NT (Venezuela)

*Xiphocentron echinatum* OS Flint, 1981

Syn.: *Machairocentron carmentis* F Schmid, 1982

*Machairocentron lucumon* F Schmid, 1982 : NT (Mexico (Veracruz))

*Machairocentron tarpeia* F Schmid, 1982 : NT (Mexico (Michoacan))

*Machairocentron teucus* F Schmid, 1982 : NT (Panama)

### ***Macronema* FJ Pictet, 1836**

*Macronema amazonense* OS Flint, 1978 : NT (Brazil)

*Macronema argentilineatum* G Ulmer, 1905 : NT (Brazil)

Syn.: *Macronema polygramma* L Navas, 1927

*Macronema bicolor* G Ulmer, 1905 : NT (Brazil)

Syn.: *Leptonema apicale* L Navas, 1927

Syn.: *Macronema agnathum* F Mueller, 1921

Syn.: *Macronema chloraemus* F Mueller, 1921

*Macronema bifidum* OS Flint, 1974 : NT (Surinam)

*Macronema burmeisteri* N Banks, 1924 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 42 Brazil)

*Macronema chalybeoides* G Ulmer, 1951 : NT (Mexico (Mexico))

*Macronema esterum* OS Flint, 1983 : NT (Argentina)

*Macronema exophthalmum* OS Flint, 1978 : NT (Brazil)

*Macronema fragile* N Banks, 1915 : NT (Guiana)

*Macronema fraternum* N Banks, 1910 : NT (Guiana)

*Macronema fulvum* G Ulmer, 1905 : NT (Brazil)

*Macronema gundlachi* N Banks, 1924 : NT (Cuba)

*Macronema hageni* N Banks, 1924 : NT (Brazil)

*Macronema immaculatum* ME Mosely, 1934 : NT (Argentina)

*Macronema lachlani* N Banks, 1924 : NT (Brazil)

*Macronema lineatum* FJ Pictet, 1836 : NT (Brazil)

*Macronema luteipenne* OS Flint & J Bueno-Soria, 1979 : NT (Panama)

*Macronema matthewsi* OS Flint, 1964 : NT (Puerto Rico)

*Macronema muelleri* N Banks, 1924 : NT (Brazil)

*Macronema paliferum* OS Flint, 1974 : NT (Surinam)

*Macronema partitum* L Navas, 1932 : NT (Brazil)

*Macronema parvum* G Ulmer, 1905 : NT (Surinam)

*Macronema pennyi* OS Flint, 1978 : NT (Brazil)

*Macronema percitans* F Walker, 1860 : NT (Brazil)

Syn.: *Macronema fulvum* G Ulmer, 1905

*Macronema pertyi* N Banks, 1924 : NT (Brazil)

*Macronema picteli* N Banks, 1915 : NT (Guiana)

*Macronema reinburgi* L Navas, 1933 : NT (Peru)

*Macronema rubiginosum* FE Guerin-Meneville, 1837 : NT (The species is valid since 1937 as an indication, based on an illustration of this species that appeared in that year, on plate 63 of volume 7,

livraison 45, of Felix Edouard Guerin-Meneville's Iconographie du rÈgne animal de G. Cuvier, ou, ReprÈsentation d'aprÈs nature de l'une des espÈces les plus et souvent non encore figurÈes de chaque genre d'animaux avec un texte descriptif mis au courant de la science : ouvrage pouvant servir d'atlas a tous les traitÈs de zoologie (Miguel Angel Alonso Zaragaza, personal communication)

Cited by FCJ Fischer as *Macronema rubiginosum* FE Guerin-Meneville, 1843, Icon Regne animal 3: 395-396, pl 63 f 8-8b, although the text did not appeared until 1844 (Miguel Angel Alonso Zaragaza, personal communication, based on Cowan, 1971, J Soc Biblphy nat Hist 6(1): 18-29, and Evenhuis, Literatura Taxonomica Dipterorum)

Brazil)

*Macronema studiosorum* L Botosaneanu & EJ Hyslop, 1999 : NT (Holotype--gender?; Jamaica: St. Elizabeth, YS Falls, YS River; deposition ?? Jamaica)

*Macronema tremenda* L Botosaneanu, 1980 : NT (Cuba)

*Macronema variipenne* OS Flint & J Bueno-Soria, 1979 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Mexico (San Luis Potosi))

### ***Macrostactobia* F Schmid, 1958**

*Macrostactobia elawalikanda* F Schmid, 1958 : OL (Sri Lanka)

*Macrostactobia runcing* A Wells & J Huisman, 1992 : OL (Malaysia (Sabah))

### ***Macrostemum* F Kolenati, 1859**

*Macrostemum adpictum* (L Navas, 1934) : AT (Madagascar)

*Macronema adpictum* L Navas, 1934

*Macrostemum albardanum* (N Banks, 1931) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Malaysia (Peninsular))

*Macronema albardanum* N Banks, 1931

*Macrostemum alienum* (G Ulmer, 1907) : AT (Sudan)

*Macronema alienum* G Ulmer, 1907

*Macrostemum arcuatum* (WF Erichson, 1848) : NT (Guyana)

*Macronema arcuatum* WF Erichson, 1848

*Macrostemum auriferum* A Neboiss, 1984 : AU (Papua New Guinea)

*Macrostemum austrovicinorum* W Mey, 1989 (Korean People's Democratic Republic)

*Macrostemum bacham* DH Hoang, K Tanida, & YJ Bae, 2005 : OL (Male and female described originally, near *Macrostemum fastosum* F Walker and *Macrostemum midas* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Da Nang Province, Ba Na, Tuy Loan River, 200 m asl, 21-iv-2002, VV Nguyen and DH Hoang (SWU-TRI-769); deposited in the Seoul Women's University Insect Collection, Seoul, Korea Vietnam)

*Macrostemum barnardi* OS Flint, 2003 : OL (Male and female described originally near *Macrostemum pseudoneura* (F Brauer), *Macrostemum nebulosum* (H Hagen), and *Macrostemum splendidum* (H Hagen) Holotype--male; Sri Lanka: Ratnapura Dist, Weddagala, 8-13 Feb 1977, KV Krombein et al, collected at light; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Macrostemum bellerophon* H Malicky & P Chantaramongkol, 1998 : OL (Thailand)

*Macrostemum bellum* (N Banks, 1916) : OL ([male described by H Malicky, 1998, Linzer biol Beitr 30(2): 774, pl 2, 8] Philippines)

*Macronema bellum* N Banks, 1916

Syn.: *Macronema philippinum* L Navas, 1924

*Macrostemum bifenstratum* (L Navas, 1929) : OL (Malaysia (Peninsular))

*Macronema bifenstratum* L Navas, 1929

*Macrostemum boettcheri* (G Ulmer, 1930) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 777-778, pl 3, 11

Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 16 Philippines)

*Macronema boettcheri* G Ulmer, 1930

*Macrostemum bouvieri* (L Navas, 1923) : AT (Democratic Republic of the Congo)  
*Macronema bouvieri* L Navas, 1923  
*Macrostemum brasiliense* (FCJ Fischer, 1970) : NT (as replacement name for *Macronema maculatum* M Perty Brazil)  
*Macronema brasiliense* FCJ Fischer, 1970  
Syn.: *Phryganea maculata* , 1834  
*Macrostemum braueri* (N Banks, 1924) : NT (Brazil)  
*Macronema braueri* N Banks, 1924  
*Macrostemum caliptera* (N Banks, 1931) : OL (Philippines)  
*Macronema caliptera* N Banks, 1931  
*Macrostemum capense* (F Walker, 1852) : AT (Widely distributed in South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)  
*Macronema capense* F Walker, 1852  
Syn.: *Macronema fulva* S Jacquemart, 1961  
Syn.: *Macronema natalense* G Ulmer, 1931  
Syn.: *Macronema rhodesianum* G Ulmer, 1931  
Syn.: *Macronema sjoestedti* G Ulmer, 1904  
*Macrostemum capense signatum* (F Walker, 1852) ((G Ulmer, 1907, Cat Coll Selys 6(2): 106, pl 5 f 34, as variety of *Macronema capense*)  
~capense (F Walker, 1852, Cat Br Mus Neur 1: 77), *Macronema*  
*Macronema capense signatum* F Walker, 1852  
*Macrostemum capense stigmatum* (L Navas, 1930) ((a variety of *Macronema stigma* according to G Ulmer, 1931, D ent Z, p 2.)  
~capense (F Walker, 1852, Cat Br Mus Neur 1: 77), *Macronema*  
*Macronema capense stigmatum* L Navas, 1930  
*Macrostemum carolina* (N Banks, 1909) : NA (Design and function of polymorphic larval retreats discussed by GR Plague & JV McArthur, 2000, Florida Entomologist 83(4): 497-500  
Molecular genetic markers provide no evidence for reproductive isolation among retreat-building phenotypes reported by GR Plague, M Mulvey, TC Glenn, & JV McArthur, 2001, Molecular Ecology 10(1): 243-248  
Phenotypic plasticity of larval retreat design described by GR Plague & JV McArthur, 2003, Behavioral Ecology 14(2): 221-226  
United States of America)  
*Macronema carolina* N Banks, 1909  
*Macrostemum centrotum* (L Navas, 1917) : OL (Male described by H Malicky, 1998, Linzer biol Beitr 30(2): 773, pl 2, 7  
Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 "Indochina")  
*Macronema centrotum* L Navas, 1917  
*Macrostemum croceum* (L Navas, 1924) : AU (Louisiane Archipelago)  
*Macronema croceum* L Navas, 1924  
*Macrostemum dairiana* H Malicky, 1998 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Macrostemum diagramma* (R McLachlan, 1871) : NT (Brazil)  
*Macronema diagramma* R McLachlan, 1871  
*Macrostemum dione* H Malicky & P Chantaramongkol, 1998 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179  
Distributed in Thailand, Laos, Vietnam, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262  
Indonesia (Sumatra))  
*Macrostemum distinctum* (G Ulmer, 1912) : AT (Spanish Guinea)  
*Macronema distinctum* G Ulmer, 1912

*Macrostemum distinguendum* (G Ulmer, 1905) : OL (Male described by H Malicky, 1998, Linzer biol Beitr 30(2): 773, pl 2, 7

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Macronema distinguendum* G Ulmer, 1905

*Macrostemum dohrni* (G Ulmer, 1905) : OL (Male described by H Malicky, 1998, Linzer biol Beitr 30(2): 773-774, pl 2, 7

Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 165, 167, f 16-17

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 18 Indonesia (Sumatra))

*Macronema dohrni* G Ulmer, 1905

*Macrostemum dulce* (R McLachlan, 1866) : AU (Misool Island)

*Macronema dulce* R McLachlan, 1866

*Macrostemum eleanora* (N Banks, 1938) : OL (Malaysia (Peninsular))

*Macronema eleanora* N Banks, 1938

*Macrostemum erichsoni* (N Banks, 1920) : NT (French Guiana)

*Macronema erichsoni* N Banks, 1920

*Macrostemum erigone* H Malicky, 1998 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Macrostemum fastosum* (F Walker, 1852) : OL (Species reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86

Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 769-770, pl 1

Key to subspecies of West Bengal, India, provided by SK Ghosh & M Chaudhury, 1999, Trichoptera, in Fauna of West Bengal, Part 8: Insecta (Trichoptera, Thysanoptera, Neuroptera, Hymenoptera, and Anoplura), Zoological Survey of India, page 10

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 167, f 18-19, and by DH Hoang & YJ Bae, 2006, Biol Inland Waters Suppl 1: 15

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Nepal, Laos, Vietnam, Burma, India, and Indonesia (Bali, Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

New records and variation from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, Zootaxa 2618: 18

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 China (Hong Kong))

*Macronema fastosum* F Walker, 1852

Syn.: *Macronema tripunctatum* N Banks, 1924

*Macrostemum fastosum bifasciatum* AV Martynov, 1935 (originally described as a form of *Macronema fastosum*,

~*fastosum* (F Walker, 1852, Cat Br Mus Neur 1: 76), *Macronema*)

*Macrostemum fastosum fasciatum* H Albarda, 1881 (originally described as *Macronema fasciatum*

(G Ulmer, 1906, Not Leyden Mus 28: 73, 74, 107, as variety of *Macronema fastosum*),

~*fastosum* (F Walker, 1852, Cat Br Mus Neur 1: 76), *Macronema*)

*Macrostemum fenestratum* (H Albarda, 1881) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 775-776, pl 9, 10

Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 167, f 20-21

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia, Laos, Vietnam, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Listed from Indonesia (Sumatra), as *Macrostemum splendens*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Cited from Indonesia (Kalimantan), variation in male described as *Macrostemum splendens* N Banks by H Malicky, 2008, Linzer Biologische Beitrage 40(1): 852, pl 18

Reported from Thailand (Chang Island), as *Macrostemum similior* (N Banks), by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27

Male redescribed by H Malicky, 2009, Braueria 36: 47, f 46

Holotype--Female according to H Malicky, 2009, Braueria 36: 47 Indonesia (Sumatra))

*Macronema fenestratum* H Albarda, 1881

Syn.: *Macronema similior* N Banks, 1931

*Macrostemum floridum* (L Navas, 1929) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 777, pl 3, 9

Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 167-168, f 22-23

Distributed in Thailand, China, India, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 China (Guangxi))

*Macronema floridum* L Navas, 1929

*Macrostemum formosicolum* (S Matsumura, 1931) : OL ([wing illustrated by H Malicky, 1998, Linzer biol Beitr 30(2): 771, pl 1] Taiwan)

*Macronema formosicolum* S Matsumura, 1931

*Macrostemum fuscum* (AV Martynov, 1935) : OL (Originally described as a form of *Macronema fastosum* F Walker, 1852, Cat Br Mus Neur 1: 76

Treated as a subspecies of *Macrostemum fastosum* (F Walker, 1852) in accordance with International Code of Zoological Nomenclature until elevated to species by H Malicky, 1998, Linzer biol Beitr 30(2): 770-771, pl 1, 5, in which work the name is cited as "*Macrostemum fuscum* Malicky spec. nova (= "*fastosum* forma *fuscum*" Martynov 1935)"

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Macronema fuscum* AV Martynov, 1935

*Macrostemum giganteum* (AV Martynov, 1935) : OL (India)

*Leptonema giganteum* AV Martynov, 1935  
*Macrostemum gigapunctatus* Y Li & L Tian, 1990 : OL (China (Tibet))  
*Macrostemum gihannae* Z Andriambelo & FM Gibon, 2001 : AT (Described originally in the *Macrostemum graphicum* Group Holotype--XXX?; MADAGASCAR: Manampatrana basin, Sahavatoy River Madagascar)  
*Macrostemum graphicum* (L Navas, 1934) : AT (Madagascar)  
*Macronema graphicum* L Navas, 1934  
*Macrostemum hestia* H Malicky & P Chantaramongkol, 1998 : OL (Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Thailand)  
*Macrostemum hyalinum* (FJ Pictet, 1836) : NT ("East Indies")  
*Hydropsyche hyalinum* FJ Pictet, 1836  
*Macrostemum indistinctum* (N Banks, 1911) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 777, pl 3, 10  
Male of *Macrostemum saowapa* redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 778, pl 2, 11  
Reported from Sri Lanka and male and female redescribed by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 819-821, f 7-12, 44  
Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 168, f 24-25  
Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179  
Distributed in Thailand, India, China, Laos, Vietnam, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262  
Holotype--Male; [India]: Pusa, Bengal, Oct 07, A Mujtaba; type number 11765, deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint, 2003, Proc Entomol Soc Washington 105(4): 820) India)  
*Macronema indistinctum* N Banks, 1911  
Syn.: *Macronema brisi* L Navas, 1930  
Syn.: *Macronema fulvescens* AV Martynov, 1935  
Syn.: *Macrostemum saowapa* P Chantaramongkol & H Malicky, 1986  
*Macrostemum inscriptum* (F Walker, 1852) : AT ([a variety of *Macronema signatum* according to G Ulmer 1906 Not Leyden Mus 28: 65, a distinct species according to B Statzner & FM Gibon 1984 Rev Hydrobiol trop 17: 136] Sierra Leone)  
*Macronema inscriptum* F Walker, 1852  
Syn.: *Macronema sansibaricum* HJ Kolbe, 1897  
*Macrostemum krombeini* OS Flint, 2003 : OL (Female described originally Holotype--Female; Sri Lanka: Kandy Dist, Peradeniya [near top of hill behind University], 1,700 ft (ca 520 m), 13 Nov [not Oct as labelled] 1970, OS Flint, Jr; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)  
*Macrostemum lacroixi* (L Navas, 1923) : AT (Madagascar)  
*Macronema lacroixi* L Navas, 1923  
*Macrostemum langettiferum* FM Gibon & Z Andriambelo, 2001 : AT (Described originally in the *Macrostemum graphicum* Group Holotype--XXX?; MADAGASCAR: Sahanivoraky River Madagascar)  
*Macrostemum lautum* (R McLachlan, 1862) : OL (China (Hong Kong))  
*Macronema lautum* R McLachlan, 1862  
*Macrostemum loraii* (L Navas, 1930) : AU ([a different species than *Macronema loraii* L Navas 1933 (now in *Baliomorpha*) according to FCJ Fischer, 1964, from DE Kimmins, personal communication] Papua New Guinea)  
*Macronema loraii* L Navas, 1930  
*Macrostemum luteipes* (DE Kimmins, 1955) : OL ([male described by H Malicky, 1998, Linzer biol Beitr 30(2): 773, pl 2] Malaysia (Sarawak))  
*Macronema luteipes* DE Kimmins, 1955

*Macrostemum madagascariense* (G Ulmer, 1905) : AT (Madagascar)  
*Macronema madagascariense* G Ulmer, 1905  
*Macrostemum mainty* FM Gibon & Z Andriambelo, 2001 : AT (Described originally in the *Macrostemum madagascariense* Group Holotype--XXX?; MADAGASCAR: Manampatrana basin, Sahavatoy river Madagascar)  
*Macrostemum malickyi* OS Flint, 2003 : OL (Male and female described originally Holotype--Male; Sri Lanka, Galle Dist, Udugama, Kanneliya Jungle, 400 ft [ca 120 m], 6-12 Oct 1973, KV Krombein et al, at black light; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)  
*Macrostemum marabe* FM Gibon & Z Andriambelo, 2001 : AT (Described originally in the *Macrostemum graphicum* Group Holotype--XXX?; MADAGASCAR: Andringitra Massif Madagascar)  
*Macrostemum marpessa* H Malicky, 1998 : OL (India)  
*Macrostemum midas* H Malicky & P Chantaramongkol, 1998 : OL (Female described from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 168-169, f 26-29)

Distributed in Thailand, Burma, and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 (Thailand)

*Macrostemum mithras* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Khampaeng Phet Province, Klong Lan National Park, Namtok Klong Lan, 310 m, 16\*07'N, 99\*16'E, 7-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))  
*Macrostemum multifarium* (F Walker, 1852) : OL (Transferred to *Macrostemum*, female redescribed by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 823 Holotype--Gender unknown; Ceylon: William Templeton; deposited in The Natural History Museum, London, UK (OS Flint, 2003, Proc Entomol Soc Washington 105(4): 823) Sri Lanka)  
*Hydropsyche multifarium* F Walker, 1852  
*Macrostemum nebulosum* (HA Hagen, 1858) : OL (Transferred to *Macrostemum*, male and female redescribed by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 823 Lectotype--Male; Ceylon, [Ramboda, Nuwara Eliya Dist], Nietner; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint, 2003, Proc Entomol Soc Washington 105(4): 824) Sri Lanka)  
*Macronema nebulosum* HA Hagen, 1858  
*Macrostemum negrense* OS Flint, 1978 : NT (Brazil)  
*Macrostemum obscurum* (N Banks, 1920) : AT (Primary homonym of *Macronema obscurum* G Ulmer, 1905, to be replaced Madagascar)  
*Macronema obscurum* N Banks, 1920  
*Macrostemum okinawanum* (S Matsumura, 1931) (Liukiu Island)  
*Macronema okinawanum* S Matsumura, 1931  
*Macrostemum opulentum* (G Ulmer, 1905) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Borneo ?)  
*Macronema opulentum* G Ulmer, 1905  
*Macrostemum pallidipennis* (AV Martynov, 1935) : OL (India)  
*Macronema pallidipennis* AV Martynov, 1935  
*Macrostemum pallipes* (N Banks, 1931) : OL (Malaysia (Sabah))  
*Macronema pallipes* N Banks, 1931  
*Macrostemum par* (L Navas, 1930) : NT (Brazil)  
*Macronema par* L Navas, 1930  
*Macrostemum paradiatum* Y Li & L Tian, 1991 : OL (Holotype--Male; People's Republic of China: Zhejiang Province, Anji, 12-VI-1984, He Jilong; deposited in the Department of Plant Protection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))  
*Macrostemum placidum* (L Navas, 1935) : AT (Madagascar)  
*Macronema placidum* L Navas, 1935  
*Macrostemum pseudodistinctum* (G Marlier, 1965) : AT (Angola)  
*Macronema pseudodistinctum* G Marlier, 1965  
*Macrostemum pseudoneura* (F Brauer, 1865) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 778, pl 3, 11)

Male and female redescribed by OS Flint, Proc Entomol Soc Washington 105(4): 824, 826-827, f 25-30, 51 Sri Lanka)

*Macronema pseudoneura* F Brauer, 1865

*Macrostemum pseudoneura dilutum* (AV Martynov, 1935) (

~*pseudoneura* (F Brauer, 1865, Verh zool bot Ges 15: 420-421), *Macronema*)

*Macronema pseudoneura dilutum* AV Martynov, 1935

*Macrostemum pseudoneura ethelda* (N Banks, 1939) (Originally described as a distinct species

Reduced to subspecies by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 824)

*Macronema pseudoneura ethelda* N Banks, 1939

*Macrostemum pulcherrimum* (F Walker, 1852) : AT ([a variety of *Macronema capense* according to G Ulmer 1907 Cat Coll Selys 6(2): 106 pl 5 f 35, a distinct species according to B Statzner & FM Gibon, 1984, Rev Hydrobiol trop 17: 136] Sierra Leone)

*Macronema pulcherrimum* F Walker, 1852

*Macrostemum punctatum* (C Betten, 1909) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 772, pl 1, 6

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Macronema punctatum* C Betten, 1909

*Macrostemum quinquepunctatum* (N Banks, 1920) : OL (Considered a form of *Macronema fastosum* by G Ulmer, 1951, Arch Hydrobiol Suppl 19: 217

Male redescribed, treated as separate species by H Malicky, 1998, Linzer biol Beitr 30(2): 772, pl 1, 7

Reported from The Philippines (Luzon, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15

Reported from The Philippines by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Philippines)

*Macronema quinquepunctatum* N Banks, 1920

*Macrostemum quinquepunctatum* (S Matsumura, 1931) : OL ([preoccupied by N Banks, 1920, to be renamed] Taiwan)

*Macronema quinquepunctatum* S Matsumura, 1931

*Macrostemum radiatum* (R McLachlan, 1872) (Factors influencing habitat colonization downstream of reservoir by Y Furuya, 1998, Japanese Journal of Limnology 59(4): 429-441

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302 Russia (southern Far East))

*Macronema radiatum* R McLachlan, 1872

Syn.: *Macronema lacustre* M Iwata, 1927

*Macrostemum radiatum hospitum* (R McLachlan, 1862) (Described originally as a species

Reduced to subspecies by L Tian, Y Li, & C Sun, 1991, Proc Internatn Symp Trich 6: 367 China



(Jiangsu))

- Macronema radiatum hospitum* R McLachlan, 1862  
*Macrostemum santaeritae* (G Ulmer, 1905) : NT (Brazil)  
*Macronema santaeritae* G Ulmer, 1905  
*Macrostemum saundersii* (R McLachlan, 1866) : AU (Misool Island)  
*Macronema saundersii* R McLachlan, 1866  
*Macrostemum scriptum* (P Rambur, 1842) : AT (Madagascar)  
*Macronema scriptum* P Rambur, 1842  
*Macrostemum seba* H Malicky & T Prommi, 2009 : OL (Male described originally near *Macrostemum fenestratum* H Albarda Holotype--Male; THAILAND: Phangnga Prov, Sriphanga National Park, Tonontoe Waterfall, 65 m, 08°58'N, 098°27'E, 7-viii-2004; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Macrostemum sepultum* (HA Hagen, 1859) : OL (Transferred to *Macrostemum*, male and female redescribed by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 827, f 31-36, 52 Lectotype--Male; Ceylon, [Ramboda], Nietner; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint, 2003, Proc Entomol Soc Washington 105(4): 827) Sri Lanka)  
*Macronema sepultum* HA Hagen, 1859  
*Macrostemum spectabilis* (N Banks, 1931) : OL (Malaysia (Peninsular))  
*Macronema spectabilis* N Banks, 1931  
*Macrostemum splendidum* (HA Hagen, 1858) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 778, pl 3, 11

Male and female redescribed by OS Flint, 2003, Proc Entomol Soc Washington 105(4): 827-831, f 37-42, 53-54 Lectotype--Male; Ceylon, [Ramboda], Nietner; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (HH Ross, 1952, Psyche 59: 35) (OS Flint, 2003, Proc Entomol Soc Washington 105(4): 830) Sri Lanka)

- Macronema splendidum* HA Hagen, 1858  
*Macrostemum subaequale* (N Banks, 1920) : NT (Argentina)  
*Macronema subaequale* N Banks, 1920  
*Macrostemum surinamense* (OS Flint, 1974) : NT (Surinam)  
*Macronema surinamense* OS Flint, 1974  
*Macrostemum thomasi* W Mey, 1993 : OL (Wing illustrated by H Malicky, 1998, Linzer biol Beitr 30(2): 771, pl 1

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

- Macrostemum tonkinensis* (ME Mosely, 1934) : OL (Male described by H Malicky, 1998, Linzer biol Beitr 30(2): 775, pl 2, 9

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Vietnam)

- Macronema tonkinensis* ME Mosely, 1934  
*Macrostemum transversum* (F Walker, 1852) : NA (United States of America)  
*Hydropsyche transversum* F Walker, 1852  
Syn.: *Macronema polygrammatum* R McLachlan, 1871  
*Macrostemum trifasciatum* (N Banks, 1934) : OL (  
[G Ulmer, 1951, Arch Hydrobiol Suppl 19: 204, 217, 220, as form of *Macronema fastosum* F Walker]

[DE Kimmins, 1955, J Sarawak Mus 6: 400, as subspecies of *Macronema fastosum* F Walker]

[male illustrated, treated as separate species by H Malicky, 1998, Linzer biol Beitr 30(2): 771-772, pl 1, 6] Malaysia (Sabah))

- Macronema trifasciatum* N Banks, 1934  
*Macrostemum trigramma* (L Navas, 1916) : NT (Brazil)  
*Macronema trigramma* L Navas, 1916  
Syn.: *Macronema pullatum* L Navas, 1932  
*Macrostemum trilineatum* (S Jacquemart, 1961) : AT (Democratic Republic of the Congo)  
*Macronema trilineatum* S Jacquemart, 1961

*Macrostemum triste* (L Navas, 1916) : NT (Brazil)

*Macronema triste* L Navas, 1916

*Macrostemum tsilo* Z Andriambelo & FM Gibon, 2001 : AT (Described originally in the *Macrostemum graphicum* Group Holotype--XXX?; MADAGASCAR: Anjozorobe forest, Ambatoasana River Madagascar)

*Macrostemum tuberosum* (G Ulmer, 1905) : NT (Brazil)

*Macronema tuberosum* G Ulmer, 1905

*Macrostemum tuberosum ramosa* L Navas, 1916 (

~*tuberosum* (G Ulmer, 1905, Ann Hofmus Wien 20: 82, f 51), *Macronema*

described originally as a variety of *Macronema tuberosum*

[a valid species according to RW Holzenthal, 1996, personal communication])

*Macrostemum ulmeri* (N Banks, 1913) : NT (Colombia)

*Macronema ulmeri* N Banks, 1913

Syn.: *Macronema siolii* G Marlier, 1964

*Macrostemum uncatum* Y Li & L Tian, 1991 : OL (Holotype--Male; People's Republic of China: Hainan Province, Jianfenglin, 27-VIII-1984, Long Jianguo; deposited in the Department of Plant Protection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China (Hainan))

*Macrostemum wallacei* (R McLachlan, 1866) : AU (New Guinea)

*Macronema wallacei* R McLachlan, 1866

*Macrostemum zebratum* (HA Hagen, 1861) : NA (Canada)

*Macronema zebratum* HA Hagen, 1861

Syn.: *Macronema australe* R McLachlan, 1862

Syn.: *Monopseudopsis inscriptus* F Walker, 1852

### ***Maesaipsyche* H Malicky et P Chantaramongkol, 1993**

*Maesaipsyche mekongensis* Mey, 2001 : OL (Holotype--XXX?; LAOS: Luang Prabang, Mekong River Laos)

*Maesaipsyche prichapanyai* H Malicky et P Chantaramongkol, 1993 : OL (Thailand)

*Maesaipsyche serrulata* CH Sun & LF Yang, 2009 : OL (Male described originally near *Maesaipsyche mekongensis* W Mey Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Province, Longlin Co, Jinzhongshan Provincial Forest Preserve, waterfall of Wuchonggou Stream, 800 m West of Wuchong Village (24.67°N, 104.88°E; alt 775 m), 10-vi-2004, collected by J Morse and Sun Chang-Hai; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China (Guangxi))

*Maesaipsyche stengeli* H Malicky, 1997 : OL (Thailand)

### ***Maetalaiptila* H Malicky & P Chantaramongkol, 2007**

*Maetalaiptila pyramus* H Malicky & P Chantaramongkol, 2007 : OL (Holotype--Male; THAILAND: Mae Talai (S Chiang Dao), 19°16'N, 098°16'E, 400 m, 13-xii-1997, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

### ***Maeyaptila* H Malicky & P Chantaramongkol, 2007**

*Maeyaptila xuthos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Prov Mae Hong Son, Oberlauf des Huai Mae Ya bei Doi Mae Ya, 19°14'N, 098°35'E, 1200 m, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

### ***Manophylax* GB Wiggins, 1973**

#### **subgenus *Madeophylax* AD Huryn & JB Wallace, 1984**

*Manophylax (Madeophylax) altus* (AD Huryn & JB Wallace, 1984) : NA (Diagnostic characters to distinguish from *Manophylax butleri* provided by GA Schuster, 1997, P Internatn Symp Trich 8: 41 United States of America)

*Madeophylax altus* AD Huryn & JB Wallace, 1984

*Manophylax (Madeophylax) butleri* GA Schuster, 1997 : NA (United States of America)  
*Manophylax (Madeophylax) futabae* H Nishimoto, 1997 (Description revised by H Nishimoto, 2002, Proc Internatn Symp Trich 10: 219-221, f 11A, 12, 14 Japan)  
*Manophylax (Madeophylax) kyushuensis* H Nishimoto, 2002 (male, female, larva, and case originally described Holotype--Male (pinned); Takasumi-jinjya, Soeda-machi, Tagawa-gun, Fukuoka Pref, Japan, collected as pupa 6-V-1997 and emerged 15-31-V-1997 (H Nishimoto); deposited in Lake Biwa Museum, Kusatu, Shiga Prefecture, Japan Japan)  
*Manophylax (Madeophylax) omogoensis* H Nishimoto, 1997 (Description revised by H Nishimoto, 2002, Proc Internatn Symp Trich 10: 219-221, f 11B, 13, 14 Japan)

**subgenus *Manophylax* GB Wiggins, 1973**

*Manophylax (Manophylax) alascensis* S Chuluunbat & JC Morse, 2010 : NA (Male, female, larva, & pupa described originally in subgenus *Manophylax* near *Manophylax annulatus* GB Wiggins Holotype--Male; UNITED STATES OF AMERICA: Alaska, Juneau, Nugget Creek Waterfall, above Mendenhall Lake, 22 July 2002, M Wesener, J Lessard, & E Benbow; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)  
*Manophylax (Manophylax) annulatus* GB Wiggins, 1973 : NA (Diagnostic characters to distinguish from *Manophylax butleri* by GA Schuster, 1997, P Internatn Symp Trich 8: 41 United States of America)

***Marilia* F Mueller, 1880**

*Marilia aenigmata* A Neboiss, 2002 : AU (Male and female described originally Holotype--Male; Australia: Tasmania, Apsley River, 5 km NW of Bicheno, 20 Dec 1989, J Jackson; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))  
*Marilia aerope* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)  
*Marilia alata* OS Flint, 1974 : NT (Surinam)  
*Marilia albicornis* (H Burmeister, 1839) : NT (Brazil)  
*Mystacides albicornis* H Burmeister, 1839  
*Marilia albofusca* F Schmid, 1959 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 China (Yunnan))  
*Marilia amnicola* OS Flint, 1968 : NT (Jamaica)  
*Marilia baumanni* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia morsei* J Bueno-Soria & A Rojas-Ascencio, also in Tabasco Holotype--Male; Mexico: Oaxaca, Chiltepec, 24-v-1990, E Barrera, A Cadena; Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico, Distrito Federal, Mexico Mexico (Oaxaca))  
*Marilia biloba* OS Flint, 1974 : NT (Surinam)  
*Marilia bola* ME Mosely, 1953 : AU (Diagnostic notes provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 77 Australia)  
*Marilia cinerea* L Navas, 1931 : NT (Argentina)  
*Marilia crea* ME Mosely, 1949 : NT (Male redescribed by J Bueno-Soria & A Rojas-Ascencio, 2004, Proc Entomol Soc Washington 106(3): 681, f 6-10 Costa Rica)  
*Marilia eleutheria* OS Flint, 1983 : NT (Argentina)  
*Marilia elongata* AV Martynov, 1912 : NT (Peru)  
*Marilia enikiana* J Olah & KA Johanson, 2010 : OL (Male and female described originally near *Marilia aerope* H Malicky & P Chantaramongkol Holotype--Male; LAOS PDR: Luang Namtha Prov, Nam Ha NBCA, Lakkhammai Village, Nam Leung stream, 749 m, UTM 47Q0744602, 2339873, 30-iv-2005, light trap, loc 29 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)  
*Marilia fasciculata* N Banks, 1913 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Brazil)  
*Marilia flexuosa* G Ulmer, 1905 : NA, NT (Male redescribed, reported from Canada, United States of America (Arizona, California, Texas), Mexico (Baja California Norte, Baja California Sur, Sonora, Chihuahua, Durango, Tamaulipas, Veracruz), Guatemala, Costa Rica, Panama, Peru, Colombia, and Brazil by J Bueno-Soria & A Rojas-Ascencio, 2004, Proc Entomol Soc Washington 106(3): 681-684, f 11-17)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 45

Reported from Arizona by Blinn & Ruiters, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

Syn.: *Anisocentropus fuscus* N Banks, 1905

*Marilia flinti* J Bueno-Soria & A Rojas-Ascencio, 2004 : NA (Male described originally, related to *Marilia nobscia* LJ Milne Holotype--Male; Mexico: San Luis Potosi, 25 mi N Tamazunchale, 400', 3-4-viii-1963, Duckworth & Davis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (San Luis Potosi))

*Marilia furthi* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia baumanni* J Bueno-Soria & A Rojas-Ascencio Holotype--Male; Mexico: Tabasco, Municipio Huimanguillo, Carlos A Madrazo, 17°23.759N, 93°39.757W, Rio Pueblo Viejo, 12-vi-1997, J Bueno-Soria and R Barba; Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Distrito Federal, Mexico Mexico (Tabasco))

*Marilia fusca* DE Kimmins, 1953 : AU (Preoccupied by N Banks, 1905, must be replaced)

Diagnostic notes provided by A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 77 Australia)

*Marilia gigas* OS Flint, 1991 : NT (Colombia)

*Marilia gracilis* N Banks, 1938 : NT (Male described originally)

Known from only the type series from the Massif de la Selle, Haiti, according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 49 Holotype--Male; HAITI: [Departement de l'Ouest] La Visite & vic, La Selle Range, 5-7000 ft [1525-2135 m], 16-23 Sept 1934, M Bates; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 49) Haiti)

*Marilia guaira* OS Flint, 1983 : NT (Paraguay)

*Marilia holzenthali* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia nobscia* LJ Milne, also from Guatemala Holotype--Male; Belize: Rio Privassion, Blancaneaux Lodge, 9-vii-1963, Y Sedman; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Belize)

*Marilia humerosa* OS Flint, 1983 : NT (Argentina)

*Marilia infundibulum* OS Flint, 1983 : NT (Brazil)

*Marilia javana* G Ulmer, 1951 : OL (Indonesia (Java))

*Marilia jonssoni* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia malickyi* J Olah & KA Johanson Holotype--Male; LAOS PDR: Luang Phrabang Prov., Nam Sat stream, 50 m upstream Noi Sat Village, 336 m, UTM 49Q0220672, 2260175, 28-iv-02-v-2005, Malaise trap, loc 16 [N Joansson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Marilia katakaha* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia mendolonga* J Olah & KA Johanson Holotype--Male; MALAYSIA: O. Borneo [East Borneo, Kalimantan], Songri Boh [Mjoeberg]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Marilia kingsolveri* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia morsei* J Bueno-Soria & A rojas-Ascencio Holotype--Male; Costa Rica: Puntarenas, Rio Bellavista, ca 1-5 km, NW Las Alturas, 8-951°N, 82-846°W, el 1400 m, 8-9-iv-1987, Holzenthal, Hamilton, and Heyn; deposited in the University of Minnesota insect collection, St Paul, Minnesota, United States of America Costa Rica)

*Marilia lata* G Ulmer, 1926 : OL (China (Guangdong))  
*Marilia lateralis* OS Flint, 1983 : NT (Paraguay)  
*Marilia major* F Mueller, 1880 : NT (Brazil)  
*Marilia malickyi* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia mogtiana* H Malicky Holotype--Male; LAOS PDR: Luang Namtha Prov, Nam Ha NBCA, Lakkammai Village, Nam Leung stream, 749 m, UTM 47Q0744602, 2339873, 30-iv-2005, light trap, loc 29 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)  
*Marilia mathisi* J Bueno-Soria & A Rojas-Ascencio, 2004 : NA (Male described originally, related to *Marilia nobscia* LJ Milne Holotype--Male; Mexico: Durango, 5 mi SW El Salto, 20-vii-1960, RA Scheiber; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Durango))  
*Marilia mendolonga* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia katakaha* J Olah & KA Johanson Holotype--Male; MALAYSIA: Borneo, Sabah, Sipitang, Mondolong Nursery, 28-iv-1988, at light [Stig Adebratt]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))  
*Marilia mexicana* (N Banks, 1901) : NT (Holotype--Female (J Bueno-Soria & A Rojas-Ascencio, 2004, Proc Entomol Soc Washington 106(3): 689) Mexico (Morelos))  
*Leptocerus mexicana* N Banks, 1901  
*Marilia microps* OS Flint, 1991 : NT (Colombia)  
*Marilia minor* F Mueller, 1880 : NT (Brazil)  
*Marilia misionensis* OS Flint, 1983 : NT (Argentina)  
*Marilia mixta* (HA Hagen, 1858) : OL (Sri Lanka)  
*Molanna mixta* HA Hagen, 1858  
 Syn.: *Marilia ceylanica* AV Martynov, 1936  
*Marilia modesta* N Banks, 1913 : NT (Colombia)  
*Marilia mogtiana* H Malicky, 1989 : OL (Thailand)  
*Marilia morsei* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia kingsolveri* J Bueno-Soria & A Rojas-Ascencio Holotype--Male; Guatemala: Dpto El Progreso, Finca La Cajeta, 12-20-viii-1965, Flint and Ortiz; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Guatemala)  
*Marilia namha* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia tuyetmira* J Olah & KA Johanson Holotype--Male; LAOS PDR: Luang Namtha Prov, Nam Ha NVCA, Nam Mat Noi stream, 600 m, upstr Don Sai Village, 100 m upstream junction to Nam Mat Ngai, 719 m, UTM 47Q0744378, 2333774, 30-iv-02-v-2005, Malaise trap, loc 28 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)  
*Marilia nebulosa* G Ulmer, 1951 : OL (Indonesia (Java))  
*Marilia nigrescens* N Banks, 1941 : NT (Male described originally as subspecies *Marilia gracilis nigrescens* N Banks, 1941

Elevated from subspecies of *Marilia gracilis* N Banks, known distribution limited to Cordillera Central in Dominican Republic (La Vega, Peravia, Santiago) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 49 Holotype--Male; DOMINICAN REPUBLIC: [La Vega Province] Valle Nuevo, SE Constanza, c 7000 ft [2135 m], Aug 1938, Darl[ington]; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 49) Dominican Republic)

*Marilia nobscia* LJ Milne, 1936 : NA, NT (Male redescribed, reported from USA (Arizona, Texas), Mexico, and Guatemala by J Bueno-Soria & A Rojas-Ascencio, 2004, Proc Entomol Soc Washington 106(3): 691-693, f 47-51

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337

Female described by DE Ruitter & DW Blinn, 2009, Braueria 36: 5, f 12a

Reported from Arizona by Blinn & Ruitter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Marilia obliqua* (HA Hagen, 1858) : OL (Sri Lanka)  
*Macronema obliqua* HA Hagen, 1858

*Marilia parallela* C Hwang, 1957 : OL (China (Fujian))  
*Marilia salta* OS Flint, 1983 : NT (Argentina)  
*Marilia scudderi* N Banks, 1924 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)  
*Marilia simulans* KH Forsslund, 1935 : OL (China (Sichuan))  
*Marilia siolii* G Marlier, 1964 : NT (Brazil)  
*Marilia spangleri* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia holzenthali* J Bueno-Soria & A Rojas-Ascencio Holotype--Male; Mexico: Oaxaca, Sierra de Juarez, Cerro Pelon, km 110 carr Tuxtepec-Oaxaca, 28-iii-1991, 1-iv-1991, A Ibarra; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Distrito Federal, Mexico (Oaxaca))  
*Marilia spinosula* OS Flint, 1996 : NT (Trinidad)  
*Marilia sumatrana* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male redescribed, female head illustrated, reported from Indonesia (Sumatra), Laos, and Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2457: 93, f 211-216 Indonesia (Sumatra)

*Marilia triangularis* OS Flint, 1983 : NT (Paraguay)

*Marilia truncata* OS Flint, 1983 : NT (Paraguay)

*Marilia tuyetmira* J Olah & KA Johanson, 2010 : OL (Male described originally near *Marilia lata* G Ulmer, *Marilia simulans* KH Forsslund, *Marilia javana* G Ulmer, *Marilia parallela* QL Hwang, and *Marilia albofusca* F Schmid, with description beginning with last paragraph on p 93, although header occurs in middle of p 94 Holotype--Male' LAOS PDR: Vientiane Prov, Vang Vieng, Nam Xong River, upstream bamboo footbridge, 363 m, UTM 48Q0223506, 2115465, 26-iv-2005, light trap, loc 10 [N Joensson, T Malm & B Viklund]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Marilia valga* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Marilia gracilis* N Banks, from Dominican Republic (Peravia, La Vega, La Altagracia) Holotype--Male; DOMINICAN REPUBLIC: Peravia Province, 3 km SW La Nuez, upp Rio Las Cuevas, 18°40'N, 70°36'W, 1850 m, cloud forest on river, 5-6 August 1990, J Rawlins & S Thompson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Marilia williammerrilli* J Bueno-Soria & A Rojas-Ascencio, 2004 : NT (Male described originally, related to *Marilia flexuosa* G Ulmer Holotype--Male; Costa Rica: Alajuela, Reserva forestal San Ramon, Rio San Josecito y tributarios, 10-216°N, 84-607°W, el 980 m, 30-iii, 1-iv-1987, Holzenthal, Hamilton, and Heyn; deposited in the University of Minnesota insect collection, St Paul, Minnesota, United States of America Costa Rica)

*Marilia wrighti* N Banks, 1924 : NT (Cuba)

### ***Martynomyia* FCJ Fischer, 1970**

*Martynomyia ayderensis* F Sipahiler, 1989 (Described originally in "*Martinomyia*")

Female described by F Sipahiler, 2001, Braueria 28: 23 Turkey)

*Martynomyia martynovi* F Sipahiler, 1995 (Described originally in "*Martinomyia*" Turkey)

*Martynomyia tripartita* (AV Martynov, 1913) (Georgia)

*Protomyia tripartita* AV Martynov, 1913

### ***Mastigoptila* OS Flint, 1967**

*Mastigoptila bicornuta* (F Schmid, 1958) : NT (Chile)

*Antoptila bicornuta* F Schmid, 1958

*Mastigoptila brevicornuta* (F Schmid, 1958) : NT (Chile)

*Antoptila brevicornuta* F Schmid, 1958

*Mastigoptila complicornuta* RW Holzenthal, 2004 : NT (Male originally described Holotype--Male; Chile: VIII Region del Bio-Bio, Bio-Bio, small trib to Rio Queco, 5 km E Ralco, 37°51.619'S, 71°36.257'W, el 500 m, 16-i-2000, Holzenthal & Munoz; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Chile)

*Mastigoptila curvicornuta* OS Flint, 1967 : NT (Chile)

*Mastigoptila ecornuta* OS Flint, 1974 : NT (Chile)  
*Mastigoptila elae* RW Holzenthal, 2004 : NT (Male originally described Holotype--Male; Chile: VII Region del Araucania, Cautin, nr Pucon, 4-i-1966, Flint and Cekalovic; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Chile)  
*Mastigoptila longicornuta* (F Schmid, 1958) : NT (larval population density, larva and pupa described by A del C Valverde & ML Miserendino, 1998, Rev Soc Entomol Argentina 57(1-4): 50 Chile)  
*Antoptila longicornuta* F Schmid, 1958  
*Mastigoptila ruizi* (L Navas, 1933) : NT (Chile)  
*Mortoniella ruizi* L Navas, 1933  
Syn.: *Antoptila duplicicornuta* F Schmid, 1964  
*Mastigoptila ventricornuta* OS Flint, 1967 : NT (Chile)

### ***Matasia* ME Mosely, 1936**

*Matasia satana* ME Mosely, 1936 : AU (Australia)

### ***Matrioptila* HH Ross, 1956**

*Matrioptila jeanae* (HH Ross, 1938) : NA (United States of America)  
*Protoptila jeanae* HH Ross, 1938

### ***Mayatrichia* ME Mosely, 1937**

*Mayatrichia acuna* HH Ross, 1944 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Mayatrichia ayama* ME Mosely, 1937 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Guerrero))

*Mayatrichia illobia* SC Harris & RW Holzenthal, 1990 : NT (Costa Rica)

*Mayatrichia moselyi* RL Blickle & DG Denning, 1977 : NA (United States of America)

*Mayatrichia ponta* HH Ross, 1944 : NA (

Life history described by YK Wang & JH Kennedy, 2004, Proc Entomol Soc Washington 106(3): 523-530

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Mayatrichia rualda* ME Mosely, 1937 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Mayatrichia tuscaloosa* SC Harris & JL Sykora, 1996 : NA (United States of America)

### ***Maydenoptila* A Neboiss, 1977**

*Maydenoptila antennifera* A Wells, 1983 : AU (Australia)

*Maydenoptila baynesi* A Wells, 1983 : AU (Australia)

*Maydenoptila commista* A Wells, 1980 : AU (Australia)

*Maydenoptila cuneola* A Neboiss, 1977 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Tasmania, Wedge River, 17 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (Tasmania))

*Maydenoptila explicata* A Wells, 1980 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype-Male; Australia: Tasmania, Gordon River, 1 km above First Split, 11 Jan 1977; deposited in the Museum of Victoria (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (Tasmania))

*Maydenoptila kurandica* A Wells, 1980 : AU (Australia)

*Maydenoptila pseudorupina* A Wells, 1980 : AU (Australia)

*Maydenoptila rupina* A Neboiss, 1977 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Tasmania, Guide River Falls nr Ridgley, 18 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (Tasmania))

### ***Mecynostomella* DE Kimmins, 1953**

*Mecynostomella brevis* KA Johanson, 2003 : AU (Male described originally Holotype--Male; NEW CALEDONIA: stream, Val de l'Hermitage, 1 km NE Terr Route 1, 76 m, 10-x-1972 (N34), WL & JG Peters; in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Mecynostomella caledonia* KA Johanson, 2003 : AU (Male and female described originally Holotype--Male; NEW CALEDONIA: Trib of Karionan River, 5 km NW Paita, 122 m (N54), 14-xi-1972, WL Peters & JG Peters; in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Mecynostomella flinti* KA Johanson, 2003 : AU (Male described originally near *Mecynostomella fusca* DE Kimmins Holotype--Male; NEW CALEDONIA: Mt Aoupinie, 700 m, 21\*11'S, 165\*18'E, 6-8-iii-1984, M Pogue; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America New Caledonia)

*Mecynostomella fusca* DE Kimmins, 1953 : AU (Male redescribed by KA Johanson, 2003, Zootaxa 270: 21-22, f 12, 51-52, 54 Holotype--Male; NEW CALEDONIA: N New Caledonia, Mt Tinchialit, 2020 ft, 22-viii--10-ix-1949, at light, LE Cheesman; mounted on 3 slides; deposited in The Natural History Museum, London, United Kingdom (KA Johanson, 2003, Zootaxa 270: 21) New Caledonia)

*Mecynostomella hollowayi* KA Johanson, 2003 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Plateau N Col d'Amos, 13-vii-1971, 440 m (#46), JD Holloway; in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Mecynostomella sigma* KA Johanson, 2003 : AU (Male described originally near *Mecynostomella hollowayi* KA Johanson Holotype--Male; NEW CALEDONIA: E Col d'Amieu Forestry Station, 320 m, 17-vi-1971 (#26), JD Holloway; in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada New Caledonia)

*Mecynostomella spinosa* KA Johanson, 2003 : AU (Male and female described originally Holotype--Male; NEW CALEDONIA: 5 km S Tohu, 100 m, Ponandou River, 20\*49.5'S, 165\*13'E, 22-23-ii-1984, M Pogue & M Epstein; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America New Caledonia)

### ***Megogata* A Neboiss, 1962**

*Megogata necopina* A Neboiss, 1962 : AU (Australia)

### ***Mejicanotrichia* SC Harris & RW Holzenthal, 1997**

*Mejicanotrichia blantoni* (OS Flint, 1970) : NA (Transferred from *Alisotrichia* by SC Harris & RW Holzenthal, 1997, P Internatn Symp Trich 8: 131

Larva described by DE Bowles, SC Harris, & J Bueno-Soria, 1999, P Internatn Symp Trich 9: 46 Mexico (San Luis Potosi))

*Alisotrichia blantoni* OS Flint, 1970

*Mejicanotrichia estaquilloso* SC Harris & RW Holzenthal, 1997 : NA (Larva described by DE Bowles, SC Harris, & J Bueno-Soria, 1999, P Internatn Symp Trich 9: 47 Mexico (Nuevo Leon))

*Mejicanotrichia harrisi* J Bueno-Soria & R Barba-Alvarez, 1999 : NT (Mexico (Guerrero))

*Mejicanotrichia rara* J Bueno-Soria & R Barba-Alvarez, 1999 : NT (Mexico (Guerrero))

*Mejicanotrichia tamaza* (OS Flint, 1970) : NT (redescribed, transferred from *Alisotrichia* by SC Harris & RW Holzenthal, 1997, P Internatn Symp Trich 8: 133 Mexico (Oaxaca))



*Alisotrichia tamaza* OS Flint, 1970  
*Mejicanotrichia tridentata* (J Bueno-Soria & SW Hamilton, 1986) : NT (redescribed, transferred from *Alisotrichia* by SC Harris & RW Holzenthal, 1997, P Internatn Symp Trich 8: 134 Mexico (?))  
*Alisotrichia tridentata* J Bueno-Soria & SW Hamilton, 1986  
*Mejicanotrichia trifida* (OS Flint, 1970) : NT (redescribed, transferred from *Alisotrichia* by SC Harris & RW Holzenthal, 1997, P Internatn Symp Trich 8: 134 Guatemala)  
*Alisotrichia trifida* OS Flint, 1970

### ***Melampophylax* F Schmid, 1955**

*Melampophylax altuspyrenaicus* L Botosaneanu, 1994 (France)  
*Melampophylax austriacus* H Malicky, 1990 (Austria)  
*Melampophylax cantalicus* L Botosaneanu, 1994 (France)  
*Melampophylax melampus* (R McLachlan, 1876) (Switzerland)  
*Halesus melampus* R McLachlan, 1876  
*Melampophylax mucoreus* (HA Hagen, 1861) (Response to rapid sedimentation discussed by PJ Wood, AR Vann, & PJ Wanless, 2001, Hydrobiologia 455: 183-188)

Described as misidentified *Allogamus stadleri* (Schmid, 1951) by L Botosaneanu, 2004, Trav Mus Natn Hist Natr "Grigore Antipa" 46, fig 11, according to H Malicky, 2005, Linzer biol Beitr 37(1): 575

Reported from Italy (Piemonte) by H Malicky, 2005("2004"), Gortania 26: 254

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 35 (Switzerland)

*Halesus mucoreus* HA Hagen, 1861  
Syn.: *Halesus guttatipennis* R McLachlan, 1865  
Syn.: *Halesus helveticus*, 1875  
*Melampophylax mucoreus alpinus* F Schmid, 1951 (originally described as *Halesus alpinus*)

a variety of *Halesus mucoreus* (F Schmid, 1951, Bull Soc Vaudoise Sci nat 65: 68-69),

~*mucoreus* (HA Hagen, 1861, Stettin ent Zeit 22: 115), *Halesus*)  
*Melampophylax nepos* (R McLachlan, 1880) (Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389 Germany)  
*Halesus nepos* R McLachlan, 1880  
*Melampophylax nepos triangulifera* L Botosaneanu, 1957 ( ~*nepos* (R McLachlan, 1880, Rev Syn Suppl 2: 40), *Halesus*)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20)

*Melampophylax polonicus* H Malicky, 1990 (Poland)  
*Melampophylax polonicus banaticus* L Botosaneanu, 1995 ( ~*polonicus* H Malicky, 1990, Nachrichtenbl Bayer Entomol 39(1): 8, figs)  
*Melampophylax polonicus gutinicus* L Botosaneanu, 1995 ( ~*polonicus* H Malicky, 1990, Nachrichtenbl Bayer Entomol 39(1): 8, figs)  
*Melampophylax vestinorum* GP Moretti, 1991 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

### ***Melanotrichia* G Ulmer, 1906**

*Melanotrichia acclivopennis* (C Hwang, 1957) : OL (China (Fujian))  
*Kibuneopsychomyia acclivopennis* C Hwang, 1957  
*Melanotrichia attia* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Melanotrichia attiaides* W Mey, 1998 : OL (Male described originally near *Melanotrichia attia* H Malicky & P Chantaramongkol, 1992)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Holotype--Male; Vietnam: Tam Dao, 900 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Melanotrichia chichupala* F Schmid, 1982 : OL (India)  
*Melanotrichia dakcha* F Schmid, 1982 : OL (Malaysia (XX?))  
*Melanotrichia dhananjaya* F Schmid, 1982 : OL (India)  
*Melanotrichia drupada* F Schmid, 1982 : OL (India)  
*Melanotrichia forficula* (M Kobayashi, 1964) (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)  
*Tsukushitrichia forficula* M Kobayashi, 1964  
*Melanotrichia hanuman* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Melanotrichia hwangi* (HH Ross, 1949) : OL (China (Zhejiang))  
*Xiphocentron hwangi* HH Ross, 1949  
*Melanotrichia ikchvaku* F Schmid, 1982 : OL (India)  
*Melanotrichia jamadagni* F Schmid, 1982 : OL (India)  
*Melanotrichia janamejaya* F Schmid, 1982 : OL (India)  
*Melanotrichia kachika* F Schmid, 1982 : OL (India)  
*Melanotrichia kibuneana* (M Tsuda, 1942) (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)  
*Kibuneopsychomyia kibuneana* M Tsuda, 1942  
*Melanotrichia mayavi* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Melanotrichia pachupati* F Schmid, 1982 : OL (India)  
*Melanotrichia polydeukes* H Malicky, 2008 : OL (Male described originally near *Melanotrichia dakcha* F Schmid Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 31-iii-2000, B1323PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Melanotrichia prajapati* F Schmid, 1982 : OL (India)  
*Melanotrichia radhasuta* F Schmid, 1982 : OL (India)  
*Melanotrichia samaconius* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Melanotrichia serica* PC Barnard & D Dudgeon, 1984 : OL (Hong Kong)  
*Melanotrichia singularis* G Ulmer, 1906 : OL (India)  
*Melanotrichia taiwanensis* LP Hsu & CS Chen, 1996 : OL (Taiwan)  
*Melanotrichia tanzawaensis* (M Kobayashi, 1971) (Japan)  
*Kibuneopschomiya tanzawaensis* M Kobayashi, 1971  
*Melanotrichia uparichara* F Schmid, 1982 : OL (India)  
*Melanotrichia vasudeva* F Schmid, 1982 : OL (India)  
*Melanotrichia vichvamitra* F Schmid, 1982 : OL (India)  
*Melanotrichia yadu* F Schmid, 1982 : OL (India)

### ***Merionoptila* F Schmid, 1959**

*Merionoptila wygodzinskyi* F Schmid, 1959 : NT (Reported skating on the surface a small stream in northern Argentina according to F Schmid, 1959, Acta Zoologica Lilloana 17: 477-483 and JC Morse & S Chuluunbat, 2007, Proceedings of the International Symposium on Trichoptera 12: 219-227)

Re-illustrated, reported from northwestern Argentina by PAR Martin & FM Gibon, 2008, Ann Limn - International Journal of Limnology 44(3): 215, f 12 Argentina)

### ***Mesophylax* R McLachlan, 1882**

*Mesophylax aethiopicus* H Malicky, 1976 (Ethiopia)  
*Mesophylax africanus* H Malicky, 1997 (Ethiopia)  
*Mesophylax arabicus* H Malicky, 1998 (Oman)  
*Mesophylax aspersus* (P Rambur, 1842) (Mouthparts morphology discussed by C Corallini-Sorcetti & G Spinelli-Batta, 1997, P Internatn Symp Trich 8: 83-88)

Reported from Yemen by H Malicky, 1999, Esperiana 7: 343-348

Population genetic structure (allozyme variation at nine putative loci) of five populations on the Canary Islands reported by LC Kelly, DT Bilton, SD Rundle, 2001, Heredity 86(3): 370-377

Diagnosis of larva from that of *Mesophylax impunctatus*, adaptation to drought discussed by N

Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 59, f 2h, 2i

Degree of intolerance score (DIS) of 6.66 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Distribution discussed, reported from Tunisia by K Kumanski, 2007, Braueria 33: 18

Climatic conditions, diapause, and migration of this troglophile caddisfly discussed by V Salavert, C Zamora-Munoz, M Ruiz-Rodriguez, A Fernandez-Cortes, & JJ Soler, 2008, Freshwater Biology 53(8): 1606-1617

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 (France)

*Limnephila aspersus* P Rambur, 1842

Syn.: *Stenophylax meridionalis* F Kolenati, 1848

*Mesophylax aspersus canariensis* R McLachlan, 1882 (~*aspersus* (P Rambur, 1842, Hist nat Nevr p 475), *Limnephila*)

Genetic population structure and dispersal reported by LC Kelly, SD Rundle, & DT Bilton, 2002, Freshwater Biology 47(9): 1642-1650

*Mesophylax aspersus hoggarensis* H Malicky, 1998 (

~*aspersus* (P Rambur, 1842, Hist nat Nevr p 475), *Limnephila*)

*Mesophylax impunctatus* R McLachlan, 1884 (Listed from northwestern Turkey by F Siphahiler, 2007, Braueria 34: 40 Switzerland)

*Mesophylax impunctatus aduncus* (L Navas, 1923) (Described originally as a species

~*impunctatus* R McLachlan, 1884, Rev Syn Add Suppl p 10-11, pl 1 f 1-3

Synonym of *Mesophylax aspersus* according to F Schmid 1957 Trab Mus Zool Barcelona 2(2): 46-47

Subspecies of *Mesophylax impunctatus* according to H Malicky, 1998, Beitr Ent 48: 132-133 pl 5 7 9 11 12)

*Stenophylax impunctatus aduncus* L Navas, 1923

*Mesophylax impunctatus zetlandicus* R McLachlan, 1884 (

~*impunctatus* R McLachlan, 1884, Rev Syn Add Suppl p 10-11, pl 1 f 1-3)

*Mesophylax morettii* H Malicky, 1997 (Endemic to geographic Italy (Sardinia, Corsica, Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Mesophylax pamirensis* H Malicky, 1997 : OL (Afghanistan)

*Mesophylax sardous* GP Moretti & S Gianotti, 1964 (Described originally as a subspecies of *Mesophylax asperus*)

Segregated as a separate species by GP Moretti & F Cianficconi, 1983 ("1980"), Lav Soc Ital Biogeogr NS 8: ? or by GP Moretti & F Cianficconi, 1982 ("1978"), Lav Soc Ital Biogeograf 7: 232 ff, figs

Endemic to geographic Italy (Sardinia, Corsica, Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Mesophylax skalskii* H Malicky, 1997 (Tadzikistan)

### ***Metachorema* F Schmid, 1957**

*Metachorema gregarium* F Schmid, 1957 : NT (Chile)

*Metachorema griseum* F Schmid, 1957 : NT (Larva and pupa described by WR Bravo & EB)

Angrisano, 2003, Aquatic Insects 25(3): 203-209 Chile)

***Metacosmoecus* F Schmid, 1955**

*Metacosmoecus nigrofasciatus* F Schmid, 1955 : NT (Chile)

***Metalype* F Klapalek, 1898**

*Metalype anaktujuh* (H Malicky, 1995) : OL (Transferred to *Metalype* from *Psychomyia* by YJ Li & JC Morse, 1997, P Internatn Symp Trich 8: 275

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Psychomyia anaktujuh* H Malicky, 1995

*Metalype fragilis* (FJ Pictet, 1834) (Transferred from *Psychomyia* to *Metalype* by YJ Li & JC Morse, 1997, P Internatn Symp Trich 8: 275

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Larva described and compared with *Paduniella vandeli* by G Coppa, A Robe, & Y Letet, 2010, Ephemera ("2009") 11(1): 1-15, f 1A, 1C, 2, 3A Switzerland)

*Hydropsyche fragilis* FJ Pictet, 1834

Syn.: *Psychomia urbana* HA Hagen, 1860

*Metalype mahayinna* (F Schmid, 1961) : OL (Transferred to *Metalype* from *Psychomyia* by YJ Li & JC Morse, 1997, P Internatn Symp Trich 8: 275

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Psychomyia mahayinna* F Schmid, 1961

*Metalype uncatissima* (L Botosaneanu, 1970) (Transferred to *Metalype* from *Psychomyia* by YJ Li & JC Morse, 1997, P Internatn Symp Trich 8: 275

Recorded from Japan as *Psychomyia uncatissima* by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Korean People's Democratic Republic)

*Psychomyia uncatissima* L Botosaneanu, 1970

***Metanoea* R McLachlan, 1880**

*Metanoea anatolica* F Sipahiler, 1986 (Turkey)

*Metanoea euphorion* H Malicky, 2002 (Male described originally Holotype--Male; France: E Col de Turini (Alpes Maritimes, Wildbach an der oestlichen (E) Auffahrt zum Col de Turini, 1200 m, 43°59'N, 7°25'E, 29-6-2001); deposited in the H Malicky Collection, Lunz am See, Austria France)

*Metanoea flavipennis* (FJ Pictet, 1834) (Distribution in Austria and Switzerland, larva described by J Waringer, W Graf, & KJ Maier, 2000, Aq Ins 22(1): 66-70

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, Molecular Phylogenetics and Evolution 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, Denisia 29: 389, f 30 Switzerland)

*Phryganea flavipennis* FJ Pictet, 1834

Syn.: *Metanoea chapmani* KJ Morton, 1914

*Metanoea malickyi* F Sipahiler, 1992 (France)

Syn.: *Metanoea vercorsica*, 2003

*Metanoea rhaetica* F Schmid, 1956 (Larva distinguished from *Metanoea flavipennis* by J Waringer, W Graf, & KJ Maier, 2000, Aq Ins 22(1): 66-70

Phylogeny and evolution of feeding ecology discussed by SU Pauls, W Graf, P Haase, HT Lumbsch, & J Waringer, 2008, *Molecular Phylogenetics and Evolution* 46: 776-791

Larva keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 389 (Germany)

Syn.: *Halesus flavipennis* HA Hagen, 1859

### ***Metrichia* HH Ross, 1938**

*Metrichia aberrans* (OS Flint, 1972) : NT (Mexico (Veracruz))

*Ochrotrichia aberrans* OS Flint, 1972

*Metrichia acicula* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia kumanskii* Holotype--Male; Costa Rica: Guanacaste, Rio Mena, 4.2 km W Santa Cecilia, 11-059°N, 85-448°W, el 260 m, 11-iii-1986, Holzenthal & Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia adamsae* OS Flint & J Bueno-Soria, 1998 : NT (Peru)

*Metrichia alajuela* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia triquetra* Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216°N, 84-607°W, el 980 m, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia amplitudinis* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia aberrans* Group near *Metrichia aberrans* Holotype--Male; Costa Rica: Cartago, Reserva Tapanti, Rio Grande de Orosoi, 9-686°N, 83-756°W, el 1650 m, 15-16-vii-1987, Holzenthal, Morse, Clausen; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia ancora* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia exclamacionis* Group near *Metrichia lemniscata* Holotype--Male; Costa Rica: Guanacaste, Rio Gongora (Sulfur mine), 4 km (air) NE Quebrada Grande, 10-887°N, 85-470°W, el 590 m, 21-vii-1987, Holzenthal, Morse, Clausen; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia angulosa* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia nigritta* Group closest in appearance to *Metrichia biungulata* Holotype--Male; Costa Rica: Puntarenas, Rio Coton in Las Alturas, 8-938°N, 82-826°W, el 1360 m, 16-ii-1986, Holzenthal, Morse, Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia anisoscola* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia anisoscola* OS Flint, 1991

*Metrichia araguensis* (OS Flint, 1981) : NT (Venezuela)

*Ochrotrichia araguensis* OS Flint, 1981

*Metrichia arenifera* (OS Flint, 1980) : NT (Peru)

*Ochrotrichia arenifera* OS Flint, 1980

*Metrichia argentina* F Schmid, 1958 : NT (Larva described by EB Angrisano & JV Sganga, 2005, *Aquatic Insects* 27(2): 116, f 19 Argentina)

*Metrichia arizonensis* (OS Flint, 1972) : NA (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 United States of America)

*Ochrotrichia arizonensis* OS Flint, 1972

*Metrichia avon* (J Bueno-Soria, 1983) : NT (Male of *Metrichia extragna* described originally in the *Metrichia penicillata* Group near *Metrichia trigonella* (OS Flint); Holotype--Male; MEXICO: Guerrero, Taxco, Totoapan, rio Temascalapa, 8 km NW Ahuehuepan, Rd 51, 18°22.70'N, 99°39.77'W, 10-iv-1995, R Barba & D Ocana; deposited in the National Insect Collection, Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City, Mexico)

Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, *Stud Neotr Fauna Envir* 38(3): 196, f 6 Mexico (Chiapas)

*Ochrotrichia avon* J Bueno-Soria, 1983

Syn.: *Metrichia extragna* J Bueno-Soria & R Barba-Alvarez, 1999

*Metrichia bidentata* (OS Flint, 1983) : NT (Larva described by EB Angrisano & JV Sganga, 2005,

Aquatic Insects 27(2): 116-117, f 15-18 Argentina)  
*Ochrotrichia bidentata* OS Flint, 1983  
*Metrichia biungulata* (OS Flint, 1972) : NT (Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, Stud Neotr Fauna Envir 38(3): 196, f 7 Panama)  
*Ochrotrichia biungulata* OS Flint, 1972  
*Metrichia bola* (OS Flint, 1991) : NT (Colombia)  
*Ochrotrichia bola* OS Flint, 1991  
*Metrichia brevitarsis* J Bueno-Soria & S Santiago-Fragoso, 2002 : NT (Panama)  
*Metrichia bulbosa* (S Jacquemart, 1963) : NT (Larva and female described by EB Angrisano & JV Sganga, 2005, Aquatic Insects 27(2): 117-119, f 9, 12, 20 Argentina)  
*Argentitrichia bulbosa* S Jacquemart, 1963  
*Metrichia cafetalera* L Botosaneanu, 1980 : NT (Male described originally)

Known from Cuba (Las Villas) and Dominican Republic (La Vega, Peravia) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 32 Cuba)  
*Metrichia campana* (OS Flint, 1968) : NT (Dominica)  
*Ochrotrichia campana* OS Flint, 1968  
*Metrichia carbetina* (L Botosaneanu, 1994) : NT (Reported from Martinique, male redescribed by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 40, f 1-3 Guadeloupe)  
*Ochrotrichia carbetina* L Botosaneanu, 1994  
*Metrichia ceer* (OS Flint, 1992) : NT (Puerto Rico)  
*Ochrotrichia ceer* OS Flint, 1992  
*Metrichia circulatrix* J Bueno-Soria, 2002 : NT (Mexico (XXX??))  
*Metrichia continentalis* (OS Flint, 1972) : NT (Panama)  
*Ochrotrichia continentalis* OS Flint, 1972  
*Metrichia crenula* J Bueno-Soria, 2002 : NT (Mexico (XXX??))  
*Metrichia cuenca* (PP Harper & P Turcotte, 1985) : NT (Ecuador)  
*Ochrotrichia cuenca* PP Harper & P Turcotte, 1985  
*Metrichia cuniapiru* EB Angrisano, 2005 : NT (Male and female described originally, near *Metrichia neotropicalis* F Schmid Holotype--Male; ARGENTINA: Misiones Cuna Piru Provincial Park, Cuna Piru Stream, 18/19-V-1997; deposited in the Museo de La Plata, Buenos Aires, Argentina Argentina)  
*Metrichia cuspidata* (OS Flint, 1991) : NT (Colombia)  
*Ochrotrichia cuspidata* OS Flint, 1991  
*Metrichia decora* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia biungulata* Holotype--Male; Costa Rica: Heredia, Rio Sarapiquí, 7 km W Puerto Viejo, 10-452\*N, 84-067\*W, el 50 m, 11-ii-1986, Morse & Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)  
*Metrichia dietzi* (OS Flint, 1974) : NT (Guyana)  
*Ochrotrichia dietzi* OS Flint, 1974  
*Metrichia difusa* J Bueno-Soria & S Santiago-Fragoso, 2002 : NT (Panama)  
*Metrichia diosa* OS Flint & J Bueno-Soria, 1998 : NT (Peru)  
*Metrichia disparilis* (OS Flint, 1983) : NT (Larva described by EB Angrisano & JV Sganga, 2005, Aquatic Insects 27(2): 119, f 21 Argentina)  
*Ochrotrichia disparilis* OS Flint, 1983  
*Metrichia enigmatica* J Bueno-Soria & S Santiago-Fragoso, 2002 : NT (Panama)  
*Metrichia espera* L Botosaneanu, 1977 : NT (Cuba)  
*Metrichia excisa* (K Kumanski, 1987) : NT (Cuba)  
*Ochrotrichia excisa* K Kumanski, 1987  
*Metrichia exclamationis* (OS Flint, 1968) : NT (Possible female described by L Botosaneanu, 2000, Ann Limnol 36(4): 250, 252, f 5-7 Dominica)  
*Ochrotrichia exclamationis* OS Flint, 1968  
*Metrichia extragna* J Bueno-Soria & R Barba-Alvarez, 1999 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia trigonella* (OS Flint) Holotype--Male; MEXICO: Guerrero, Taxco, Totopan, rio Temascalapa, 8 km NW Ahuehuepan, Rd 51, 18\*22.70'N, 99\*39.77'W, 10-iv-1995, R Barba & D Ocana; deposited in the National Insect Collection, Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City, Mexico Mexico (Guerrero))  
*Metrichia favus* (L Botosaneanu, 1993) : NT (Trinidad)  
*Ochrotrichia favus* L Botosaneanu, 1993  
*Metrichia florecita* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia fontismoreaui* (L Botosaneanu, 1991) : NT (Male and female described originally

Known from Haiti and Dominican Republic (La Vega, Duarte, Independencia, Barahona, Monsenor Nouel) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 32 Haiti)

*Ochrotrichia fontismoreaui* L Botosaneanu, 1991

*Metrichia geminata* (OS Flint, 1996) : NT (Trinidad)

*Ochrotrichia geminata* OS Flint, 1996

*Metrichia gordita* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia decora* Holotype--Male; Costa Rica: Puntarenas, Rio Singri, ca 2 km (air) S Finca Helechales, 9-057\*N, 83-082\*W, el 720 m, 21-ii-1986, Holzenthal, Morse, Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia helenae* OS Flint & J Bueno-Soria, 1998 : NT (Peru)

*Metrichia jorobada* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia juana* (OS Flint, 1964) : NT (Puerto Rico)

*Ochrotrichia juana* OS Flint, 1964

*Metrichia kumanskii* (L Botosaneanu, 1991) : NT (Male and female described originally

Known from Haiti, the Dominican Republic (La Vega, Monsenor Nouel), and possibly Jamaica according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 33 Haiti)

*Ochrotrichia kumanskii* L Botosaneanu, 1991

*Metrichia kumanskii jamaicae* L Botosaneanu, 1998 (~*kumanskii* (L Botosaneanu, 1991, Bull Inst R Sci Nat Belg Entomol 61: 128, figs), *Ochrotrichia*

This subspecies may be a synonym of the nominotypical subspecies according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 33)

*Metrichia lacuna* (J Bueno-Soria, 1983) : NT (Mexico (Chiapas))

*Ochrotrichia lacuna* J Bueno-Soria, 1983

*Metrichia lemniscata* (OS Flint, 1972) : NT (Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, Stud Neotr Fauna Envir 38(3): 196, f 10 Panama)

*Ochrotrichia lemniscata* OS Flint, 1972

*Metrichia lenophora* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia lenophora* OS Flint, 1991

*Metrichia longispina* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Metrichia cafetalera* L Botosaneanu, from the Dominican Republic (La Vega) Holotype--Male; DOMINICAN REPUBLIC: [La Vega Province] Covento, 12 km S Constanza, 6-13 June 1999, Flint & Gomez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Metrichia longitudinis* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia luna* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia picuda* Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216\*N, 84-607\*W, el 980 m, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia macrophallata* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia macrophallata* OS Flint, 1991

*Metrichia madicola* (L Botosaneanu, 1994) : NT (Reported from Martinique, male redescribed by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 40, f 4 Guadeloupe)

*Ochrotrichia madicola* L Botosaneanu, 1994

*Metrichia madre* OS Flint & J Bueno-Soria, 1998 : NT (Peru)

*Metrichia magna* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia nigritta* Group near *Metrichia meta* Holotype--Male; Costa Rica: Puntarenas, roadside seep, route 2, just W km 234, 8-976\*N, 83-299\*W, el 100 m, 20-ii-1986, Holzenthal, Morse, Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia malada* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia malada* OS Flint, 1991

*Metrichia mechuda* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally Holotype--Male; Costa Rica: San Jose, Rio Savegra, ca San Gerardo de Dota, 9-33\*N, 83-48\*W, el 2200 m, 9-iv-1995, Cheng Young; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania,

United States of America Costa Rica)

*Metrichia meta* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia nigritta* Group near *Metrichia biungulata* Holotype--Male; Costa Rica: Guanacaste, Parque Nacional Rincon de la Vieja, Quebrada Zopilote, 10-765\*N, 85-309\*W, el 785 m, 3-iii-1986, Holzenthal and Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia minera* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia muniaca* L Botosaneanu, 1977 : NT (Cuba)

*Metrichia necopina* L Botosaneanu & A Thomas, 2005 : NT (Male described originally near *Metrichia exclamationis* (OS Flint) and *Metrichia Rawlinsi* (OS Flint & J Sykora) Holotype--Male; MARTINIQUE: Riv Lezarde au depart de la route forestiere de Palourde, alt 250 m, 30-vi-2002; deposited in the Zoological Museum, Amsterdam, The Netherlands Martinique)

*Metrichia neotropicalis* F Schmid, 1958 : NT (Larva, pupa, and female described by EB Angrisano & JV Sganga, 2005, Aquatic Insects 27(2): 119-120, f 10, 13, 22-24 Argentina)

*Metrichia nigritta* (N Banks, 1907) : NA, NT (Reported from Panama by J Bueno-Soria & S Santiago-Fragoso, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 245-254

Reported from Mexico (XXX??) by J Bueno-Soria, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 223-243

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin, as *Ochrotrichia (Metrichia) nigritta*, by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas, as *Ochrotrichia nigritta* by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Orthotrichia nigritta* N Banks, 1907

Syn.: *Metrichia volada* RL Blickle & DG Denning, 1977

*Metrichia pakitza* OS Flint & J Bueno-Soria, 1998 : NT (Peru)

*Metrichia palida* J Bueno-Soria & S Santiago-Fragoso, 2002 : NT (Panama)

*Metrichia patagonica* (OS Flint, 1983) : NT (Larva and female described by EB Angrisano & JV Sganga, 2005, Aquatic Insects 27(2): 121, f 11, 14, 25 Argentina)

*Ochrotrichia patagonica* OS Flint, 1983

*Metrichia penicillata* (OS Flint, 1972) : NT (Reported from Panama by J Bueno-Soria & S Santiago-Fragoso, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 245-254

Reported from Mexico (XXX??) by J Bueno-Soria, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 223-243

Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, Stud Neotr Fauna Envir 38(3): 196, f 15

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Guatemala)

*Ochrotrichia penicillata* OS Flint, 1972

*Metrichia picuda* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group near *Metrichia alajuela* Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216\*N, 84-607\*W, el 980 m, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia pitu* EB Angrisano & JV Sganga, 2009 : NT (Male described originally near *Metrichia cuniapiru* EB Angrisano Holotype--Male; ARGENTINA: Misiones, Departamento de Cainguas, Parque Provincial Salto Encantado, 24-30-x-2004; Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Metrichia platigona* (L Botosaneanu, 1993) : NT (Tobago)

*Ochrotrichia platigona* L Botosaneanu, 1993

*Metrichia potosina* J Bueno-Soria, 2002 : NT (Mexico (XXX??))



*Metrichia prolata* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group similar to *Metrichia savegra* Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216\*N, 84-607\*W, el 980 m, 1-4-v-1990, Holzenthal and Blahnik; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia proluxa* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia protrudens* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia protrudens* OS Flint, 1991

*Metrichia pseudopatagonica* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia patagonica* Group closely related to *Metrichia patagonica*)

Reported from Panama by J Bueno-Soria & S Santiago-Fragoso, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 245-254 Holotype--Male; Costa Rica: Limon, E-A-R-T-H, forest reserve arroyo, 7.5 km (air) NW Pocora, 10-23\*N, 83-56\*W, 4-5-ii-1992, el 10 m, Holzenthal, Munoz, Kjer; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia quadrata* (OS Flint, 1972) : NT (Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, Stud Neotr Fauna Envir 38(3): 196, f 19 Mexico (Veracruz))

*Ochrotrichia quadrata* OS Flint, 1972

*Metrichia rawlinsi* (OS Flint & JL Sykora, 1993) : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 42 Dominica)

*Ochrotrichia rawlinsi* OS Flint & JL Sykora, 1993

*Metrichia riva* (J Bueno-Soria, 1983) : NT (Male redescribed, reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2003, Stud Neotr Fauna Envir 38(3): 196, f 20 Mexico (Chiapas))

*Ochrotrichia riva* J Bueno-Soria, 1983

*Metrichia rona* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia rona* OS Flint, 1991

*Metrichia sacculifera* (OS Flint, 1991) : NT (Colombia)

*Ochrotrichia sacculifera* OS Flint, 1991

*Metrichia savegra* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group resembling *Metrichia luna* and *Metrichia picuda* Holotype--Male; Costa Rica: San Jose, Rio Savegra, ca San Gerardo de Dota, 9-33\*N, 83-48\*W, el 2200 m, 9-viii-1995, Cheng Young; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Costa Rica)

*Metrichia separata* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally related to *Metrichia triquetra* Holotype--Male; Costa Rica: Alajuela, Rio Agrio, ca 3-4 km NE Bajos del Toro, 10-243\*N, 84-279\*W, el 1290 m, 20-viii-1990, Holzenthal, Blahnik, Munoz, Huisman; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia sesquipedalis* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally

Reported from Panama by J Bueno-Soria & S Santiago-Fragoso, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 245-254 Holotype--Male; Costa Rica: San Jose, Rio Savegra, ca San Gerardo de Dota, 9-33\*N, 83-48\*W, el 2200 m, 9-viii-1995, Cheng Young; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Costa Rica)

*Metrichia similis* (OS Flint, 1968) : NT (Dominica)

*Ochrotrichia similis* OS Flint, 1968

*Metrichia sonora* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

*Metrichia spica* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally in the *Metrichia penicillata* Group related to *Metrichia savegra* Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216\*N, 84-607\*W, 980 m, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia squamigera* (OS Flint, 1992) : NT (Male described originally

Female associated, distribution including Puerto Rico (Luquillo Mountains) and the Dominican Republic (Independencia) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 33 Puerto Rico)

*Ochrotrichia squamigera* OS Flint, 1992

*Metrichia temascalapensis* J Bueno-Soria & R Barba-Alvarez, 1999 : NT (Male described originally in the *Metrichia nigriflora* Group Holotype--Male; MEXICO: Guerrero, Taxco, Teucisapan, rio Tamascalapa, 12 km NW Ahuehuepan, rd 51, 18°25.56'N, 99°42.5'W, 1052 m, 23-i-1995, R Barba & A Rojas; deposited in the National Insect Collection, Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City, Mexico Mexico (Guerrero))

*Metrichia thirysae* (S Jacquemart, 1980) : NT (Chile)

*Ochrotrichia thirysae* S Jacquemart, 1980

*Metrichia triangula* J Bueno-Soria & S Santiago-Fragoso, 2002 : NT (Panama)

*Metrichia trigonella* (OS Flint, 1972) : NT (Mexico (Veracruz))

*Ochrotrichia trigonella* OS Flint, 1972

*Metrichia triquetra* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally

Reported from Panama by J Bueno-Soria & S Santiago-Fragoso, 2002, Transactions of the American Entomological Society (Philadelphia) 128(2-3): 245-254 Holotype--Male; Costa Rica: San Jose, Rio Savegra, ca San Gerardo de Dota, 9-33°N, 83-48°W, el 2200 m, 9-viii-1995, Cheng Young; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Costa Rica)

*Metrichia trispinosa* (J Bueno-Soria, 1979) : NT (Mexico (Veracruz))

*Ochrotrichia trispinosa* J Bueno-Soria, 1979

*Metrichia truncata* J Bueno-Soria & RW Holzenthal, 2003 : NT (Male described originally, related to *Metrichia avon* Holotype--Male; Costa Rica: Alajuela, Rio Pizote, ca 5 km (air) S Brasilia, 10-972°N, 84-345°W, el 390 m, 12-iii-1986, Holzenthal and Fasth; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Metrichia warema* (OS Flint, 1974) : NT (Surinam)

*Ochrotrichia warema* OS Flint, 1974

*Metrichia yalla* (OS Flint, 1968) : NT (Jamaica)

*Ochrotrichia yalla* OS Flint, 1968

*Metrichia yavesia* J Bueno-Soria, 2002 : NT (Mexico (XXX??))

### ***Micrasema* R McLachlan, 1876**

*Micrasema (gelidum) canusa* L Botosaneanu, 1990 : NA (Described originally as a propecies of superspecies *Micrasema gelidum* R McLachlan, 1876 Holotype--Male; Canada: Ontario, Thunder Bay District, small stream crossing Rt 11, 7.2 miles S from Beardmore, 21-VI-1971, ROM Field Party; deposited in the Royal Ontario Museum, Toronto, Canada Canada (Ontario))

*Micrasema (gelidum) extremum* L Botosaneanu, 1990 : NA (Described originally as a propecies of superspecies *Micrasema gelidum* R McLachlan, 1876 Holotype--Male; Russia: Chukotka Peninsula, Schmidt Cape (Mys Schmidta), lake near airport, 21-VII-1972, Chereshev; deposited in the Zoological Institute of Leningrad, Russia Russia (northeastern Siberia - Chukotka Peninsula))

*Micrasema (gelidum) gelidum* R McLachlan, 1876 : NA, PA (*Micrasema (gelidum) gelidum* R McLachlan is the nominate propecies of *Micrasema gelidum* R McLachlan according to L Botosaneanu, 1990, Riv Idrobiol 27: 181-210)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Emergence period by T Ito, H Kamei, A Ohkawa, N Kuhara, & H Nishimoto, 1998, Biol Inland Waters 13: 1-17

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 18-19

Reported from Siberia (Altai, Chita Region, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Finland)

Syn.: *Micrasema kluane*, 1973

Syn.: *Micrasema scissum* R McLachlan, 1884

Syn.: *Micrasema sibiricum* AV Martynov, 1924

Syn.: *Micrasema subscissum* AV Martynov, 1926  
*Micrasema (gelidum) gentile* R McLachlan, 1880 : NA (A prospecies of *Micrasema gelidum* R McLachlan, 1876, according to L Botosaneanu, 1990("1988"), Riv Idrobiol 27(2-3): 199-200, f 57-67)

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (northwest Siberia))

*Micrasema (gelidum) kurilicum* L Botosaneanu, 1990 (Originally described as a prospecies of superspecies *Micrasema gelidum* R McLachlan, 1876 Holotype--Male; Russia: Kuril Islands, Kunashir, Golovnin volcano, 7-VI-1976, Levanidova; deposited in the Zoological Institute of Leningrad, Russia Russia (Kuril Islands))

*Micrasema (gelidum) primoricum* L Botosaneanu, 1990 (Originally described as a prospecies of superspecies *Micrasema gelidum* R McLachlan, 1876

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Holotype--Male; Russia: S Primorie, mineral spring in the Upper Ussuri nature reserve, lower than 600 m-a-s-l (light catch), 12-VII-1976, Vshivkova; deposited in the Zoological Institute of Leningrad, Russia Russia (Primorie))

*Micrasema abhavyam* F Schmid, 1992 : OL (India)

*Micrasema adhacharam* F Schmid, 1992 : OL (India)

*Micrasema adhiram* F Schmid, 1992 : OL (India)

*Micrasema aigisthos* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Micrasema akagiae* T Nozaki & K Tanida, 2007 (Male, female, and larva described originally near *Micrasema quadriloba* AV Martynov, after the larva and male having been described as *Micrasema* sp MB by I Akagi, 1959, Annales Kansai Natural Science Association 12: 42-43 Holotype--Male; JAPAN: [Honshu], collected by the trap, 9-23-xii-2001, T Nozaki (CBM-ZI 130732); in alcohol; deposited in the Natural History Museum and Institute, Ciba, Japan Japan)

*Micrasema alexanderi* DG Denning, 1948 : NA (United States of America)

*Micrasema anatolicum* L Botosaneanu, 1974 (Turkey)

*Micrasema apratitam* F Schmid, 1992 : OL (India)

*Micrasema arizonicum* S Ling, 1938 : NA (United States of America)

*Micrasema asajjanam* F Schmid, 1992 : OL (India)

*Micrasema asuro* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Micrasema avadhiritam* F Schmid, 1992 : OL (India)

*Micrasema bactro* HH Ross, 1938 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Micrasema baitinum* ME Mosely, 1938 : OL (Myanmar)

*Micrasema bennetti* HH Ross, 1947 : NA (United States of America)

*Micrasema bifoliatum* AV Martynov, 1925 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Armenia)

*Micrasema borneense* N Banks, 1931 : OL (Malaysia (Sabah))

*Micrasema bricco* H Malicky & P Chantaramongkol, 1992 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Thailand)

*Micrasema burksi* HH Ross and JD Unzicker, 1965 : NA (United States of America)

*Micrasema cenerentola* F Schmid, 1952 (Unclear species according to H Malicky, 2005, Linzer biol Beitr 37(1): 562

Larva described by R Vieira-Lanero, MA Gonzalez, F Cobo, & MJ Servia, 2008, Ferrantia 55: 133-140 Spain)

*Micrasema charonis* N Banks, 1914 : NA (United States of America)

*Micrasema cinereum* ME Mosely, 1930 (Synonym of *Micrasema vestitum* L Navas according to FCJ Fischer, 1970

Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Micrasema consimile* W Mey, 1997 : OL (Male described originally near *Micrasema turbo* H Malicky & P Chantaramongkol and *Micrasema jihmam* F Schmid

Reported from Vietnam, as *Micrasema consimilis*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 26-iii-1995, leg W Mey; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)  
*Micrasema cupido* H Malicky & P Chaibu, 2000 : OL (Holotype--XXX?; THAILAND: Wang Tad Thailand)  
*Micrasema dabhrum* F Schmid, 1992 : OL (Possibly a synonym of *Micrasema punjaubi* ME Mosely, 1938, according to H Malicky, 2007, Linzer biol Beitr 39(1): 493 India)  
*Micrasema difficile* ME Mosely, 1934 (Unclear species according to H Malicky, 2005, Linzer biol Beitr 37(1): 562 France)  
*Micrasema dimicki* (LJ Milne, 1936) : NA (United States of America)  
*Brachycentrus dimicki* LJ Milne, 1936  
*Micrasema diteris* HH Ross, 1947 : NA (United States of America)  
*Micrasema dolcinii* L Botosaneanu & GP Moretti, 1986 (Described originally as a subspecies of *Micrasema setiferum* (FJ Pictet, 1834, Rech Phryg p 197, pl 16 f 24), Rhyacophila

An enigmatic form according to H Malicky, 2005, Linzer biol Beitr 37(1): 563

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Elevated to species status by F Cianficconi & M Gonzalez, 2009, Deutsch Entomol Z 56(1):: 133-136 Italy)

*Micrasema etra* DG Denning, 1948 : NA (United States of America)  
*Micrasema fortiso* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Micrasema gabusi* F Schmid, 1952 (Spain)  
*Micrasema hakonense* M Kobayashi, 1969 (Male described near *Micrasema quadriloba* originally Holotype--Male; Japan: Kanagawa Prefecture, Hakone, Riv Hayakawa, 12 May 1967, M Kobayashi (M 2054); in alcohol; deposited in the Kanagawa Prefecture Museum, Yokohama, Japan Japan)  
*Micrasema hanasense* M Tsuda, 1942 (Factors determining distribution and larval densities in Japan (Nikko) by H Kato & T Kagaya, 1999, P Internatn Symp Trich 9: 157-164

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 53

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 19

Recorded from Japan as *Micrasema hanasensis* by W Mey & T Nozaki, 2007, Braueria 33: 24

Female described, distributed in Japan (Hokkaido, Honshu), Russia (Kuriles), as *Micrasema hanasensis*, according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255, f 4 Japan)

Syn.: *Micrasema hakonense* M Kobayashi, 1969  
*Micrasema helveio* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Micrasema jihmam* F Schmid, 1992 : OL (India)  
*Micrasema karunam* F Schmid, 1992 : OL (India)  
*Micrasema kripanam* F Schmid, 1992 : OL (India)  
*Micrasema kyknos* H Malicky & J Nawvong, 2004 : OL (Male described originally Holotype--Male; Thailand: Phrae Province, Weing Ko Sai National Park, Namtok Maekueng Luang, 17°58'N, 99°35'E, 400 m, 19--20-12-2002, leg J Naevong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Micrasema longulum* R McLachlan, 1876 (Larval cases described by P Zwick, 1998, Ann Limnol 34(4): 437-444;

Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Degree of intolerance score (DIS) of 8.26 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 Germany)

*Micrasema mencilis* F Sipahiler, 1995 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)

*Micrasema minimum* R McLachlan, 1876 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36)

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria, Germany)

Syn.: *Beraea valirana* L Navas, 1917

Syn.: *Micrasema exiguus* R McLachlan, 1876

*Micrasema moestum* (HA Hagen, 1868) (Larval variations on Iberian Peninsula discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 57)

Degree of intolerance score (DIS) of 8.58 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 Spain)

*Dasystema moestum* HA Hagen, 1868

*Micrasema morosum* (R McLachlan, 1868) (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99 Carinthia)

*Oligoplectrum morosum* R McLachlan, 1868

Syn.: *Micrasema tristellum* R McLachlan, 1876

*Micrasema nepalicum* L Botosaneanu, 1976 : OL (Possibly a synonym of *Micrasema punjaubi* ME Mosely, 1938, according to H Malicky, 2007, Linzer biol Beitr 39(1): 493 Nepal)

*Micrasema onisca* HH Ross, 1947 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337)

Female described by DE Ruiter & DW Blinn, 2009, Braueria 36: 4, f 1a-c United States of America)

*Micrasema oregonum* DG Denning, 1983 : NA (United States of America)

*Micrasema ozarkanum* HH Ross and JD Unzicker, 1965 : NA (United States of America)

*Micrasema philomele* H Malicky, 2000 : OL (Malaysia (Sabah))

*Micrasema prokne* H Malicky, 2000 : OL (Malaysia (Sabah))

*Micrasema punjaubi* ME Mosely, 1938 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 India)

*Micrasema quadrilobum* AV Martynov, 1933 (Factors determining distribution and larval densities in Japan (Nikko) by H Kato & T Kagaya, 1999, P Internatn Symp Trich 9: 157-164)

Seasonal distribution changes during life cycle in Honshu, Nara, Shigo River reported by Y Isobe, 2000, Biology of Inland Waters 15: 32-37

Algal diet described by I Katano, A Houki, Y Isobe, and T Oishi, 2002, Proc Internatn Symp Trich 10: 521-528

Relationship between ambulatory behavior and periphyton quantity described by I Katano, H Mitsuhashi, Y Isobe, & T Oishi, 2005, Proc Internatn Symp Trichoptera 11: 219-222

Grazing effect on periphyton abundance and community structure in relation to distribution reported by I Katano, H Doi, A Houki, Y Isobe, & T Oishi, 2007, Limnology 8(3): 219-226 Japan)

*Micrasema rickeri* HH Ross and JD Unzicker, 1965 : NA (United States of America)

*Micrasema rusticum* (HA Hagen, 1868) : NA (Canada)

*Dasystema rusticum* HA Hagen, 1868

Syn.: *Micrasema falcatum* N Banks, 1914

*Micrasema salardum* F Schmid, 1952 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Spain)

*Micrasema scotti* HH Ross, 1947 : NA (United States of America)

*Micrasema sericeum* F Klapalek, 1902 (Bosnia)

*Micrasema servatum* (L Navas, 1918) (Biology, diagnostic characters, larva by R Vieira-Lanero, MA Gonzalez, & F Cobo, 1998, Graellsia 54: 3-8 Portugal)

*Brachycentrus servatum* L Navas, 1918

*Micrasema setiferum* (FJ Pictet, 1834) (Male and female redescribed, recorded for Denmark by P Wiberg-Larsen, 1986, Entomol Meddr 53: 55-56, f 10-12)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Fossils described and illustrated from United Kingdom 340,000-3000,000 years before present reported by MT Greenwood, 2008, Braueria 35: 21-22 Switzerland)

*Rhyacophila setiferum* FJ Pictet, 1834

Syn.: *Dasystema nigrum* F Brauer, 1857

Syn.: *Hydronautia maculata concolor* F Kolenati, 1848

*Micrasema spinosum* T Nozaki & K Tanida, 2007 (Male, female, and possible larva described originally Holotype--Male; JAPAN: [Hokkaido?, Honshu?], collected by the trap, 2-16-iii-2002, T Nozaki (CBM-ZI 130743); in alcohol; deposited in the Natural History Museum and Institute, Ciba, Japan Japan)

*Micrasema sprulesi* HH Ross, 1941 : NA (Canada)

*Micrasema tereus* H Malicky, 2000 : OL (Malaysia (Sabah))

*Micrasema togatum* (HA Hagen, 1864) (Endemic to geographic Italy (Sardinia, Corsica, Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Dasystema togatum* HA Hagen, 1864

*Micrasema turbo* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Micrasema uenoi* AV Martynov, 1933 (Larval habitat and diet by H Kato, 1997, P Internatn Symp Trich 8: 213-219)

Factors determining distribution and larval densities in Japan (Nikko) by H Kato & T Kagaya, 1999, P Internatn Symp Trich 9: 157-164 Japan)

Syn.: *Micrasema genjiroense* M Kobayashi, 1971

*Micrasema vestitum* L Navas, 1918 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353)

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119 Spain)

*Micrasema wataga* HH Ross, 1938 : NA (United States of America)

### ***Microchorema* F Schmid, 1955**

*Microchorema extensum* F Schmid, 1964 : NT (Chile)

*Microchorema larica* OS Flint, 1970 : NT (Chile)

*Microchorema peniai* F Schmid, 1958 : NT (Chile)

*Microchorema recintoi* F Schmid, 1955 : NT (Chile)

### ***Microptila* F Ris, 1897**

*Microptila apsara* F Schmid, 1960 : OL (Pakistan)

*Microptila atlantis* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; NEPAL: Mahdev Khola, 27°53'N, 085°39'E, 1300 m, 12-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Microptila bejela* ME Mosely, 1948 : AT (Occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 547 Democratic Republic of Yemen)

*Microptila chora* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Microptila apsara* F Schmid Holotype--Male; NEPAL: Mahadev Khola, 27\*53'N, 85\*39'E, 1300 m, 12-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Microptila feredougoubae* (FM Gibon, 1987) : AT (Transferred to *Microptila* by J Kjaerandsen, 2004, Zool Scripta 33: 139 Ivory Coast)

*Dhatrichia feredougoubae* FM Gibon, 1987

*Microptila hintama* J Olah, 1989 : OL (Reported from Vietnam, also as *Microptila xedapa* J Olah, by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27)

Male redescribed, reported from Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1026, pl 15 Vietnam)

Syn.: *Microptila xedapa* J Olah, 1989

*Microptila ikaros* H Malicky, 2004 : OL (Male described originally near *Microptila apsara* F Schmid

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: hygropetrischen Stellen entlang der Strasse bei Babai Basar, 7-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Microptila indra* F Schmid, 1960 : OL (Pakistan)

*Microptila minutissima* F Ris, 1897 (Genitalia redescribed by F Cianficconi, C Corallini, & G Moretti, 1999, P Internatn Symp Trich 9: 55-63)

Larva described by W Graf, J Waringer, & J Zika-Roemer, 2004, Aq Ins 26(1): 31-38, f 1-5, tab 1 Switzerland)

*Microptila pasak* A Wells, 1993 : OL (Indonesia (Bali))

*Microptila roudra* F Schmid, 1960 : OL (Reported from Pakistan and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1027 Pakistan)

*Microptila taji* A Wells, 1993 : OL (Indonesia (Bali))

*Microptila tyndareos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Boripat Waterfall, 06\*59'N, 100\*09'E, 27-28-iv-1993, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

### ***Microthremma* F Schmid, 1955**

*Microthremma angulatum* OS Flint, 2002 : NT (Male described originally in *Microthremma crassifimbriatum* Complex Holotype--Male; Chile: Pcia Nuble, Recinto, 4-6 Mar 1968, Flint & Pena; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Chile)

*Microthremma bipartitum* OS Flint, 1983 : NT (*Microthremma griseum* Complex according to OS Flint, 2002, Entomol News 113(4): 230 Chile)

*Microthremma caudatum* OS Flint, 1970 : NT (Additional locality, *Microthremma griseum* Complex according to OS Flint, 2002, Entomol News 113(4): 230-231 Chile)

*Microthremma crassifimbriatum* F Schmid, 1955 : NT (Male redescribed in *Microthremma crassifimbriatum* Complex by OS Flint, 2002, Entomol News 113(4): 226, f 1-3 Holotype--Male; Chile: Pcia Nuble, Recinto, 30 Nov 1951, LE Pena; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (OS Flint, 2002, Entomol News 113(4): 226) Chile)

*Microthremma griseum* F Schmid, 1957 : NT (Additional localities, *Microthremma griseum* Complex according to OS Flint, 2002, Entomol News 113(4): 230-231 Chile)

*Microthremma lobatum* OS Flint, 2002 : NT (Male described originally in *Microthremma griseum* Complex Holotype--Male; Chile: Pcia Valdivia, Las Trancas, W La Union, 5-10 Feb 1988, LE Pena G; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Chile)

*Microthremma patagonicum* OS Flint, 2002 : NT (Male described originally in *Microthremma crassifimbriatum* Complex Holotype--Male; Argentina: Pcia Neuquen, 3 km W Estacion Forestal Pucara, 30 Jan 1974, OS Flint Jr; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Argentina)

*Microthremma villosum* F Schmid, 1957 : NT (Additional localities, *Microthremma crassifimbriatum*

Complex according to OS Flint, 2002, Entomol News 113(4): 225 Chile)

***Missitrichia* A Wells, 1991**

*Missitrichia nusam* A Wells, 1991 : AU (Papua New Guinea)

***Molanna* J Curtis, 1834**

**subgenus *Molanna* J Curtis, 1834**

*Molanna (Molanna) albicans* (JW Zetterstedt, 1840) : PA (Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Reported from Germany by B Wolf & T Gregor, 2005, Lauterbornia 55: 23-24

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Altai, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Poland by S Czachorowski, L Pietrzak, & A Zawal, 2007, Parki Narodowe i Rezerwaty Przyrody 26(4): 105-114

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302 "Lapland" (probably Sweden))

*Phryganea albicans* JW Zetterstedt, 1840

Syn.: *Molanna distinguenda* HDJ Wallengren, 1891

Syn.: *Molanna palpata* R McLachlan, 1877

*Molanna (Molanna) angustata* J Curtis, 1834 : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva described by R Albert, 1997, Mikrokosmos 86(1): 29-31

Larva illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 19

Cost and benefit from shield cases C Otto, 2000, Hydrobiologia 436: 35-40

Costs and benefits of shield case reported by C Otto, 2000, Hydrobiologia 436: 35-40

Wings of male and female exchanged in H Malicky, 2004, Atlas of European Trichoptera, p 297 according to H Malicky, 2007, Braueria 34: 51

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Poland by S Czachorowski, L Pietrzak, & A Zawal, 2007, Parki Narodowe i Rezerwaty Przyrody 26(4): 105-114

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

Syn.: *Molanna nigripalpis* JF Stephens, 1836

Syn.: *Nais plicata* P Rambur, 1842

Syn.: *Phryganea vestita* JW Zetterstedt, 1840

*Molanna (Molanna) angustata sericea* F Kolenati, 1858 ( ~angustata J Curtis, 1834, Phil Mag 4: 214)

*Molanna (Molanna) flavicornis* N Banks, 1914 : NA (Canada)

*Molanna (Molanna) kunmingensis* C Hwang, 1957 : OL (China (Yunnan))

*Molanna (Molanna) nervosa* G Ulmer, 1927 (male, female, larva, case described by T Ito, 1998, Entomol Sci 1(1): 92 Japan)

*Molanna (Molanna) nigra* JW Zetterstedt, 1840 (Additional record in Germany (Bavaria), diagnostic



characters of abdomen by A Weinzierl, 1999, *Lauterbornia* 37: 19-22 "Lapland" (probably Sweden))  
Syn.: *Molanna carbonia* R McLachlan, 1877  
*Molanna (Molanna) submarginalis* R McLachlan, 1872 : PA (Redlisted in Sweden according to B Gullefors, 2002, *Entomol Tidskr* 123(3): 134

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (northwestern))

Syn.: *Molanna coreana* M Tsuda, 1942  
*Molanna (Molanna) submarginalis caudata* AV Martynov, 1924 ( ~submarginalis R McLachlan, 1872, *CR Soc Natural Moscou* 10: 116 (spe p 4-6),fig)  
*Molanna (Molanna) tryphena* C Betten, 1934 : NA (Life history in Texas streams, morphology of eggs-larvae-pupae-adults-cases by TS Gupta & KW Stewart, 2000, *Ann Entomol Soc Amer* 93(1): 65-74. United States of America)  
*Molanna (Molanna) ulmerina* L Navas, 1934 : NA (United States of America)  
Syn.: *Molanna musetta*  
*Molanna (Molanna) uniophila* CT Vorhies, 1909 : NA (United States of America)  
*Molanna (Molanna) walgreana* LJ Milne, 1934 (Lapland [country XX?])

#### **subgenus *Molanneria* AV Martynov, 1910**

*Molanna (Molanneria) blenda* CK Sibley, 1926 : NA (United States of America)  
*Molanna (Molanneria) cinerea* HA Hagen, 1861 : NA (Known from only the mutilated lectotype, its diagnostic characters are not clear [nomen dubium] according to F Schmid, 1983, *Memoires de la Societe Entomologique du Canada* 125: 54 Lectotype--Female; CANADA: [Ontario], St Lawrence River, 1859, O Sacken; Number 10957; "only fragments of head and legs, and a fairly complete set of wings are left"; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (HH Ross, 1938, *Psyche* 45(1): 20) Canada)  
*Molanna (Molanneria) crinita* GB Wiggins, 1968 : OL (India)  
*Molanna (Molanneria) cupripennis* G Ulmer, 1906 : OL (Male redescribed by A Neboiss, 1993, *Tijdschr Entomol* 136: 258, f 4 Indonesia (Sulawesi))  
*Molanna (Molanneria) gamdaha* J Olah & KA Johanson, 2010 : OL (Male described originally near *Molanna crinita* GB Wiggins and *Molanna oglamar* H Malicky Holotype--Male; MYANMAR: Kambaiti, 2000 m, 16-v-1934 [R Malaise]; Malaise BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)  
*Molanna (Molanneria) jolandae* A Neboiss, 1993 : OL (Male described originally near *Molanna cupripennis* G Ulmer Holotype--Male; INDONESIA: Sulawesi, Tenggara, Moramo (4°09'S, 122°38'E, Sungai Sena, 50 m asl, 15 Nov 1989, R de Jong and J Huisman, site S 8946, mixed forest, dense undergrowth; deposited in the National Museum of Natural History, Leiden, The Netherlands Indonesia (Sulawesi))  
*Molanna (Molanneria) moesta* N Banks, 1906 : OL (Redescribed by T Ito, 1998, *Entomol Sci* 1(1): 87

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Occurrence in lakes of Japan, as *Mollana moesta*, discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu), Russia (Kuriles, Sakhalin, Far East), China, Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

Syn.: *Molanna falcata* G Ulmer, 1908  
Syn.: *Molanna stenoptera* L Navas, 1933  
*Molanna (Molanneria) oglamar* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)  
*Molanna (Molanneria) paramoesta* GB Wiggins, 1968 : OL (Reported from Nepal by H Malicky,

2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Molanna (Molanneria) saetigera* GB Wiggins, 1968 : OL (India)

*Molanna byssa* TI Arefina, 2005 (Male described originally near *Molanna xiaguana* H Malicky Holotype--Male; RUSSIA: Amurskaya Oblast, Byssa River at Fevralsk Town (Amur River Basin), 15-vi-2004, TI Arefina Russia (Amurskaya Oblast))  
*Molanna taprobane* OS Flint, 1973 (Sri Lanka)  
*Molanna xiaguana* H Malicky, 1994 (China ( province XX? ))  
*Molanna yaeyamensis* T Ito, 2006 (Male, female, larva, and pupa described originally Holotype--Male; JAPAN: Okinawa Prefecture, Taketomi-cho, [Yaeyama Islands,] Iriomote Island, Komi, seeping spring beside Maira River, 24\*19'13"N, 123\*53'42"E, 10 m above sea level, 18-x-2005 (larva), reared and emerged on 20-30-iii-2006, T Ito (CBM-ZI-13051); deposited in the Natural History Museum and Institute of Chiba, Japan Japan (Yaeyama Islands))

### ***Molannodes* R McLachlan, 1866**

*Molannodes alticola* (H Malicky & P Chantaramongkol, 1996) : OL (Female described by H Malicky, 2009, Braueria 36: 56, f 57 Thailand)

*Indomolannodes alticola* H Malicky & P Chantaramongkol, 1996

*Molannodes comans* (GB Wiggins, 1968) : OL (India)

*Indomalonnodes comans* GB Wiggins, 1968

*Molannodes decurvatus* (GB Wiggins, 1968) : OL (India)

*Indomolannodes decurvatus* GB Wiggins, 1968

*Molannodes ephalos* H Malicky, 2000 : OL (China (Zhejiang))

*Molannodes ephialtes* H Malicky, 2000 (China (Henan))

*Molannodes excavatus* (GB Wiggins, 1968) : OL (India)

*Indomolannodes excavatus* GB Wiggins, 1968

*Molannodes falcifer* (GB Wiggins, 1968) : OL (India)

*Indomolannodes falcifer* GB Wiggins, 1968

*Molannodes hevila* H Malicky, 2009 : OL (Male described originally near *Molannodes lirr* H Malicky & P Chantaramongkol Holotype--Male; LAOS: Central Laos, Prov Kham Mouan, Ban Khoun Ngeun, 200 m, 18\*07'N, 104\*29'E, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Molannodes hydorn* (H Malicky & P Chantaramongkol, 1991) : OL (Thailand)

*Indomolannodes hydorn* H Malicky & P Chantaramongkol, 1991

*Molannodes incurvatus* (GB Wiggins, 1968) : OL (India)

*Indomolannodes incurvatus* GB Wiggins, 1968

*Molannodes itoae* ER Fuller & GB Wiggins, 1987 (adult, larva, case described by T Ito, 1998, Entomol Sci 1(1): 93-95 Japan)

*Molannodes lirr* (H Malicky & P Chantaramongkol, 1989) : OL (Male redescribed by H Malicky, 2009, Braueria 36: 56, f 57 Thailand)

*Indomolannodes lirr* H Malicky & P Chantaramongkol, 1989

*Molannodes magdiel* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Molannodes lirr* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Tung Yaw (8 km NW Ban Pa Pae), 1200 m, 19\*08'N, 098\*39'E, 17-iv-1989; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Molannodes nimrod* H Malicky, 2009 : OL (Male and female described originally near *Molannodes alticola* H Malicky & P Chantaramongkol Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20\*12'N, 104\*01'E, 17-v-3-vi-2007, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Molannodes sani* (H Malicky, 1995) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 33 Vietnam)

*Indomolannodes sani* H Malicky, 1995

*Molannodes tinctus* (JW Zetterstedt, 1840) : NA, PA (First record for Germany by R McLachlan, 1886, Revue Ent 5: 126-136)

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia, as *Molannodes zelleri* (R McLachlan) by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 285

Purported first record for Germany (Saxony-Anhalt) by M Hohmann, 1999, *Lauterbornia* 36: 33-40;

Larval metathoracic, protarsus, mesotarsus leg illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 18;

Distribution in Europe discussed by H Malicky, 2003, *Silva Gabreta* 9: 167-178

Reported from France by G Coppa, A Manach, & J Le Doare, 2004("2003"), *Ephemera* 5(1): 19-22

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril Islands and Sakhalin* 1: 55

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 "Lapland" (probably Sweden))

*Phryganea tinctus* JW Zetterstedt, 1840  
Syn.: *Molannodes bergi* HH Ross, 1952  
Syn.: *Molannodes steinii* R McLachlan, 1872  
Syn.: *Molannodes zelleri* R McLachlan, 1866  
*Molannodes tinctus argentea* KH Forsslund, 1951 (~*tinctus* (JW Zetterstedt, 1840, *Ins Lapp* p 1071), *Phryganea*)

#### ***Monocentra* P Rambur, 1842**

*Monocentra lepidoptera* P Rambur, 1842 (This species is not like *Drusus concolor* Kempny, as had been declared by F Schmid, 1956, XX?, according to H Malicky, 1998, *Ent Nachr Ber* 32: 65-68

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy (Sardinia)  
Syn.: *Drusus manteroi* L Navas, 1928

#### ***Monocosmoecus* G Ulmer, 1906**

*Monocosmoecus aberrans* OS Flint, 1969 : NT (Argentina)  
*Monocosmoecus hyadesi* (J Mabilles, 1888) : NT (Tierra del Fuego)  
*Halesus hyadesi* J Mabilles, 1888  
Syn.: *Isocentropus lutzinus* L Navas, 1918  
Syn.: *Stenophylax branchiatus* G Ulmer, 1904  
*Monocosmoecus minor* F Schmid, 1955 : NT (Chile)  
*Monocosmoecus obtusus* F Schmid, 1957 : NT (Chile)  
*Monocosmoecus pulcher* G Ulmer, 1906 : NT (Tierra del Fuego)  
Syn.: *Monocosmoecus olens* W Doehler, 1915

Syn.: *Monocosmoecus pulcherrimus* F Schmid, 1955  
*Monocosmoecus vanderweelii* G Ulmer, 1906 : NT (Argentina)  
Syn.: *Nolga calceatus* L Navas, 1930  
Syn.: *Nolga truncata* L Navas, 1930

### ***Moropsyche* N Banks, 1906**

*Moropsyche apicalis* M Kobayashi, 1985 (Japan)  
*Moropsyche avikritanga* F Schmid, 1968 : OL (India)  
*Moropsyche baishanzuensis* K Leng & L Yang, 1998 : OL (China (Zhejiang))  
*Moropsyche chandrabuchita* F Schmid, 1968 : OL (India)  
*Moropsyche circumflexa* W Mey, 1997 : OL (Male described originally near *Moropsyche vanegudha* F Schmid)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Holotype--Male; VIETNAM: from a hygropetric locality and spring source northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 28-iii-1995, leg W Mey; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Moropsyche dirghakarni* F Schmid, 1968 : OL (India)  
*Moropsyche exophila* W Mey, 1997 : OL (Male described originally near *Moropsyche huaysailianga* H Malicky & P Chantaramongkol)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 28-29-iii-1995, leg W Mey; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Moropsyche falcata* (DE Kimmins, 1950) : OL (Myanmar)  
*Apatelina falcata* DE Kimmins, 1950  
*Moropsyche gairichringiya* F Schmid, 1968 : OL (India)  
*Moropsyche gerolan* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)  
*Moropsyche girautcharichnu* F Schmid, 1968 : OL (India)  
*Moropsyche girikchit* F Schmid, 1968 : OL (India)  
*Moropsyche higoana* M Kobayashi, 1971 (Alternative spelling *Moropsyche higoana* selected by T Nozaki, K Tanida, & T Ito, 1999, Jap J Limnol 60(3): 359)

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 25 Japan)  
*Moropsyche huaysailianga* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)  
*Moropsyche inachos* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Namtok Rongkla, 1190 m, 16°59'N, 101°00'E, 11-12-3-2002, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Moropsyche incerta* (AV Martynov, 1936) : OL (India)  
*Apatelina incerta* AV Martynov, 1936  
*Moropsyche krichnaruna* F Schmid, 1968 : OL (India)  
*Moropsyche limacodes* H Malicky, 1995 : OL (Reported from Vietnam, as *Moropsyche limnicodes*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32 Vietnam)  
*Moropsyche moselyi* (DE Kimmins, 1950) : OL (Myanmar)  
*Apatelina moselyi* DE Kimmins, 1950  
*Moropsyche parvissima* F Schmid, 1954 (Japan)  
*Moropsyche parvula* N Banks, 1906 (Japan)  
*Moropsyche primigena* W Mey, 1997 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Confirmed from Vietnam by DH Hoang & YJ Bae, 2006, Biol Inland Waters Suppl 1: 16 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Massif, north side, 2100-2900 m, 28-iii-1995, leg W Mey; deposited in the W Mey collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Moropsyche primordiata* W Mey, 1997 : OL (Male described originally near *Moropsyche primigena* W Mey)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 29-iii-1995, leg W Mey; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Moropsyche spinifera* H Nishimoto, 1989 (Japan)

*Moropsyche suteminn* H Malicky & P Chantaramongkol, 1991 : OL (Thailand)

*Moropsyche tenuis* (DE Kimmins, 1950) : OL (Myanmar)

*Apatelina tenuis* DE Kimmins, 1950

*Moropsyche trikonakarni* F Schmid, 1968 : OL (India)

*Moropsyche urdhvakarni* F Schmid, 1968 : OL (India)

*Moropsyche vanegudha* F Schmid, 1986 : OL (India)

*Moropsyche yugawarana* M Kobayashi, 1983 (Japan)

### ***Mortoniella* G Ulmer, 1906**

*Mortoniella acauda* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella albolineata* G Ulmer, *Mortoniella dolonis* RJ Blahnik & RW Holzenthal, *Mortoniella tuetona* (ME Mosely), and *Mortoniella unota* (ME Mosely) Holotype--Male; BRAZIL: Santa Catarina, Urubici, Cachoeira Avenal, 28°02'50"S, 049°37'00"W, 1260 m, 6-iii-1998, Holzenthal, Forehlick & Paprocki; UMSP000068088; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella aequalis* (OS Flint, 1963) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, Zootaxa 1711: 4 Peru)

*Mexitrichia aequalis* OS Flint, 1963

*Mortoniella agosta* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup Holotype--Male; BRAZIL: Rio de Janeiro, Rio Macae, Macae de Cima, 22°23'41"S, 042°30'08"W, 1000 m, 08-iii-2002, Holzenthal, Blahnik, Paprocki, & Prather; UMSP000085777; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella akantha* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella tapanti* RJ Blahnik & RW Holzenthal and *Mortoniella anakantha* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: San Jose, Parque Nacional Braulio Carrillo, Quebrada Sanguijuela, 18°09'36"N, 083°57'47"W, 800 m, 27-iii-1987, Holzenthal, Hamilton, & Heyn; UMSP000001118, pinned; deposited in the insect collection of the University of Minnesota, St Paul Minnesota, United States of America Costa Rica)

*Mortoniella albolineata* G Ulmer, 1907 : NT (Reported from northwestern Argentina as *Mexitrichia albolineata* by PAR Martin & FM Gibon, 2008, Ann Limn - International Journal of Limnology 44(3): 215

Transferred from *Mexitrichia* back to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, Zootaxa 1711: 4

Male re-described from Argentina, Brazil, and Uruguay in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup by RJ Blahnik & RW Holzenthal, 2011, Zootaxa 2851: 10, 12, f 3, 38 Brazil)

*Mortoniella anakantha* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella tapanti* RJ Blahnik & RW Holzenthal and *Mortoniella akantha* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Puntarenas, Rio Bellavista trib, Las Alturas, road to quarry, 08°57'07"N, 085°25'41"W, 700 m, 22-25-v-1990, Holzenthal, Munoz, & Huisman; UMSP000000982, pinned; deposited in the insect collection of the University of Minnesota, St Paul Minnesota, United States of America Costa Rica)

*Mortoniella angulata* OS Flint, 1963 : NT (Ecuador)

*Mortoniella apiculata* OS Flint, 1963 : NT (Ecuador)

*Mortoniella argentinica* OS Flint, 1974 : NT (*Mortoniella argentinica* New Species Group characterized by J Sykora, 1999, P Internatn Symp Trich 9: 384

Re-illustrated, reported from northwestern Argentina by PA Rueda Martin & FM Gibon, 2008, *Annales de Limnologie* 44(3): 215-225, f 11

Male re-described from Argentina without placement in a species group by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 67, f 35, 39 Argentina)  
*Mortoniella aries* (OS Flint, 1963) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Ecuador)

*Mexitrichia aries* OS Flint, 1963

*Mortoniella armata* (S Jacquemart, 1963) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Argentina)

*Paraprotophila armata* S Jacquemart, 1963

*Mortoniella asymmetris* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella truncata* RJ Blahnik & RW Holzenthal Holotype--Male; PARAGUAY: Amambay, Cerro Cora, Rio Aquidaban, 29°xi-1973, Flint, OS; UMSP000124876; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Paraguay)

*Mortoniella attenuata* (OS Flint, 1963) : NT (

Reported from northwestern Argentina as *Mexitrichia attenuata* by PAR Martin & FM Gibon, 2008, *Ann Limn - International Journal of Limnology* 44(3): 215

Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Peru)

*Mexitrichia attenuata* OS Flint, 1963

*Mortoniella aviceps* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella taurina* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito & tribs, 10°12'58"N, 084°36'25"W, 550 m, 30-iii-1-iv-1988, Holzenthal, Hamilton, & Heyn; UMSP000018894, in alcohol; deposited in the insect collection of the University of Minnesota, St Paul Minnesota, United States of America Costa Rica)

*Mortoniella bifurcata* J Sykora, 1999 : NT (Venezuela)

*Mortoniella bilineata* G Ulmer, 1906 : NT (*Mortoniella bilineata* Species Group described by J Sykora, 1999, *P Internatn Symp Trich* 9: 378

Female described in the *Mortoniella bilineata* Species Group by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 61, f 33 Ecuador)

*Mortoniella bocaina* RJ Blahnik & RW Holzenthal, 2011 : NT (Male and female described originally in the *Mortoniella velasquezi* Species Group, near *Mortoniella tripuiensis* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Sao Paulo, Parque Nacional da Serra da Bocaina, Cachoeira dos Posses, 22°46'26"S, 044°36'15"W, 1250 m, 03-iii-2002, Holzenthal, Blahnik, Paprocki, & Prather; UMSP000069696; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella bolivica* (F Schmid, 1958) : NT (

Reported from northwestern Argentina as *Mexitrichia bolivica* by PAR Martin & FM Gibon, 2008, *Ann Limn - International Journal of Limnology* 44(3): 215

Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Bolivia)

*Mexitrichia bolivica* F Schmid, 1958

*Mortoniella brachyrhachos* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella florica* OS Flint Holotype--Male; MEXICO: Oaxaca, Loxicha, Pluma Hidalgo, 450 m, 20-x-1982, J Bueno-Soria; UMSP000118956, pinned and in microvial of glycerin; deposited in the insect collection of the Instituto de Biologia, Universidad Nacional de Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca))

*Mortoniella buenoi* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella leroda* (ME Mosely) and *Mortoniella rovira* RJ Blahnik & RW Holzenthal Holotype--Male; MEXICO: Oaxaca, Loxicha, Pluma Hidalgo, 450 m, 20-x-1982, J Bueno-Soria; UMSP000118948, pinned and in microvial of glycerin; deposited in the insect collection of the Instituto de Biologia, Universidad Nacional de Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca))

*Mortoniella carinula* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW

Holzenthal, *Mortoniella redunca* RJ Blahnik & RW Holzenthal, *Mortoniella sicula* RJ Blahnik & RW Holzenthal, and *Mortoniella umbonata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, Quebrada Segunda at administration building, 09°45'40"N, 083°47'13"W, 1250 m, 9-10-v-1990, Holzenthal & Blahnik; UMSP000001358, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella catarinensis* (OS Flint, 1974) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4)

Male re-described in the *Mortoniella ormina* Species Group from Brazil by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 49, f 24 Holotype--Male; BRAZIL: Santa Catarina, i-1963, F Plaumann; in alcohol; USNM type 72739; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 49) Brazil)

*Mexitrichia catarinensis* OS Flint, 1974

*Mortoniella caudicula* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella meralda* RJ Blahnik & RW Holzenthal and *Mortoniella stilula* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Rio Pizote, ca 5 km (air) S Brasilia, 10°58'19"N, 085°20'42"W, 390 m, 12-iii-1986, Holzenthal & Fasth; UMSP000118721, in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella chicana* J Sykora, 1999 : NT (Ecuador)

*Mortoniella collegarum* (PA Rueda Martin & FM Gibon, 2008) : NT (Male described originally near *Mexitrichia unota* ME Mosely and *Mexitrichia punensis* OS Flint)

Transferred from *Mexitrichia* to *Mortoniella*, male re-described in the *Mortoniella ormina* Species Group from Argentina, Bolivia, and Chile by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 51, 53, f 25 Holotype--Male; BOLIVIA: Tarija, O'Connor, Saladito River, 21°18'28"S, 064°07'02.8"W, 900 m, 09-x-2004, Molineri & Manzo cols; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina (Bolivia)

*Mexitrichia collegarum* PA Rueda Martin & FM Gibon, 2008

*Mortoniella crescentis* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella hystricosa* RJ Blahnik & RW Holzenthal and *Mortoniella parauna* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro, Rio Campo Belo, trail to Veu da Noiva, 22°25'42"S, 044°37'10"W, 1310 m, 24-xi-2001, Holzenthal, Blahnik, Neto & Paprocki; UMSP000081785; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil (Brazil)

*Mortoniella denticulata* J Sykora, 1999 : NT (Venezuela)

*Mortoniella dolonis* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella albolineata* G Ulmer, *Mortoniella latispina* RJ Blahnik & RW Holzenthal, and *Mortoniella teutona* (ME Mosely) Holotype--Male; BRAZIL: Sao Paulo, Pedregulho, Riberão Sao Pedro, 20°09'07"S, 047°30'38"W, 617 m, 16-xi-2003, Holzenthal, Paprocki & Calor; UMSP000085343; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil (Brazil)

*Mortoniella eduardoi* (PA Rueda Martin & FM Gibon, 2008) : NT (Male described originally near *Mexitrichia velazquezi* OS Flint Holotype--Male; BOLIVIA: La Paz, Yara River near Caranavi, 20-v-2002; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina (Bolivia)

*Mexitrichia eduardoi* PA Rueda Martin & FM Gibon, 2008

*Mortoniella elongata* (OS Flint, 1963) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Colombia)

*Mexitrichia elongata* OS Flint, 1963

*Mortoniella enchrysa* OS Flint, 1991 : NT (*Mortoniella enchrysa* Species Group described by J Sykora, 1999, *P Internatn Symp Trich* 9: 381 Colombia)

*Mortoniella falcicula* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella carinula* RJ Blahnik & RW Holzenthal, *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW Holzenthal, *Mortoniella redunca* RJ Blahnik & RW Holzenthal, *Mortoniella sicula*, and *Mortoniella umbonata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Rio Pizote, ca 5 km (air) S Brasilia, 10°58'19"N, 085°20'42"W, 390 m, 12-iii-1986, Holzenthal & Fasth; UMSP000118721, in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella flinti* J Sykora, 1999 : NT (*Mortoniella flinti* Species Group described by J Sykora, 1999, *P*

Internatn Symp Trich 9: 382 Venezuela)

*Mortoniella florica* (OS Flint, 1974) : NT (Male redescribed near *Mortoniella propinqua* RJ Blahnik & RW Holzenthal, reported from Mexico (Oaxaca, Tabasco, Veracruz) and Nicaragua, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 27-29, f 11

Listed from Nicaragua as *Mexitrichia florica* OS Flint by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Mexico (Veracruz))

*Mexitrichia florica* OS Flint, 1974

*Mortoniella foersteri* (F Schmid, 1964) : NT (Colombia)

*Mexitrichia foersteri* F Schmid, 1964

*Mortoniella froehlichii* RJ Blahnik & RW Holzenthal, 2011 : NT (Male and female described originally in the *Mortoniella velasquezi* Species Group Holotype--Male; BRAZIL: Rio de Janeiro, Parati, Riacho Pereque-acu, Sitio Cachoeira Grande, 23°13'14"S, 044°47'24"W, 120 m, 25-ix-2002, Blahnik, Prather, Melo, Froehlich, & Silva; UMSP000086573; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella guahybae* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup Holotype--Male; BRAZIL: Sao Paulo, Parque Estadual de Campos do Jordao, Rio Galharada, 22°41'40"S, 045°27'47"W, 1530 , 4-5-iii-1996, Holzenthal & Guahyba; UMSP000001575; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella guairica* (OS Flint, 1974) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4

Male re-described from Paraguay without placement in a species group by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 67, 69, f 36 Paraguay)

*Mexitrichia guairica* OS Flint, 1974

*Mortoniella hodgesi* OS Flint, 1963 : NT (Ecuador)

*Mortoniella hystricosa* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniellacrescentis* RJ Blahnik & RW Holzenthal and *Mortoniella parauna* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Santa Catarina, Parque Ecologica Spitzkopf, confl Rio Ouro & Rio Caete, 27°00'21"S, 049°06'42"W, 140 m, 25-xi-2003, Holzenthal, Paprocki & Calor; UMSP000085400; pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Brazil)

*Mortoniella intervalles* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup Holotype--Male; BRAZIL: Sao Paulo, Parque Estadual Intervalles, Rio do Carmo, 24°18'59"S, 048°25'15"W, 560 m, 29-ix-2002, Blahnik, Prather, Melo & Calor; UMSP000088142; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella iridescens* OS Flint, 1991 : NT (Colombia)

*Mortoniella latispina* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella dolonis* RJ Blahnik & RW Holzenthal, *Mortoniella albolineata* (ME Mosely), and *Mortoniella albolineata* G Ulmer Holotype--Male; BRAZIL: Rio de Janeiro, Parque Nacional do Itatiaia, Rio Campo Belo, trail to Veuda Noiva, 22°25'42"S, 044°37'10"W, 1310 m, 24-xi-2001, Holzenthal, Blahnik, Neto & Paprocki; UMSP000047063; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella leei* (OS Flint, 1974) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Colombia)

*Mexitrichia leei* OS Flint, 1974

*Mortoniella leroda* (ME Mosely, 1937) : NT (Male redescribed near *Mortoniella mexicana* RJ Blahnik & RW Holzenthal, reported from Mexico (Chiapas) and Honduras, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 29-31, f 12

Listed from Nicaragua as *Mexitrichia leroda* ME Mosely by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Mexico (Chiapas))

*Mexitrichia leroda* ME Mosely, 1937

*Mortoniella limona* (OS Flint, 1981) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Venezuela)

*Mexitrichia limona* OS Flint, 1981



*Mortoniella longispina* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella guahybae* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Santa Catarina, Urubici, Rio Canoas, road to Campo dos Padres, 28°00'15"S, 049°22'24"W, 1100 m, 07-iii-1998, Holzenthal, Froehlich & Paprocki; UMSP000029822; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella macarenica* (OS Flint, 1974) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Colombia)

*Mexitrichia macarenica* OS Flint, 1974

*Mortoniella macuta* (L Botosaneanu, 1998) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Venezuela)

*Mexitrichia macuta* L Botosaneanu, 1998

*Mortoniella marini* (PA Rueda Martin & FM Gibon, 2008) : NT (Male described originally near *Mexitrichia punensis* OS Flint Holotype--Male; BOLIVIA: Rio Tumusla (not very far from Tumusla and the crossing with the road Potosi-Tupiza), 2-x-2002, O Fossati and P Usseglio-Polatera cols; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina Bolivia)

*Mexitrichia marini* PA Rueda Martin & FM Gibon, 2008

*Mortoniella meloi* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally without placement in a species group Holotype--Male; BRAZIL: Sao Paulo, Parque Estadual Intervales, Rio do Carmo, 24°18'59"S, 048°25'15"W, 560 m, 29-ix-2002, Blahnik, Prather, Melo, & Calor; UMSP000088168; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella meralda* (ME Mosely, 1954) : NA, NT (Male redescribed near *Mortoniella panamensis* RJ Blahnik & RW Holzenthal and *Mortoniella simla* OS Flint, reported from Mexico (Chiapas, Chihuahua, Mexico, Michoacan, Nuevo Leon, Puebla, Tabasco, Veracruz), Guatemala, Honduras, Nicaragua, and Costa Rica, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 31-34, f 13

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua as *Mexitrichia meralda* ME Mosely by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Mexico (Chiapas)

*Mexitrichia meralda* ME Mosely, 1954

*Mortoniella mexicana* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella leroda* (ME Mosely), also from Mexico (Veracruz) Holotype--Male; MEXICO: Puebla, Patla, 16-iv-1975, J Bueno-Soria; UMSP000118661, in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Puebla))

*Mortoniella munozi* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella elongata* (OS Flint) Holotype--Male; COSTA RICA: Rio Chitaria, rt 10, 10 km NW Rio Reventazon, 09°55'12"N, 083°36'14"W, 740 m, 21-iii-1991, Holzenthal, Munoz, & Huisman; UMSP000000503, pinned; deposited in the insect collection of the University of Minnesota, St Paul Minnesota, United States of America Costa Rica)

*Mortoniella opinionis* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella carinula* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW Holzenthal, *Mortoniella redunda* RJ Blahnik & RW Holzenthal, and especially *Mortoniella sicula* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Reserva Tapanti, Quebrada Palmitos & falls, ca 9 km (road) NW tunnel, 09°43'12"N, 083°46'48"W, 1400 m, 2-3-vi-1990, Holzenthal, Blahnik, & Munoz; UMSP000000938, pinned; deposited in the insect collection of the University of Minnesota, St Paul Minnesota, United States of America Costa Rica)

*Mortoniella ormina* (ME Mosely, 1939) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4

Male re-described in the *Mortoniella ormina* Species Group near *Mortoniella alicula* RJ Blahnik & RW Holzenthal from Brazil by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 53, f 26 Brazil)

*Mexitrichia ormina* ME Mosely, 1939

*Mortoniella pacuara* (OS Flint, 1974) : NT (Male redescribed, reported from Costa Rica and Colombia, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 39, 41-42, f 17-19 Costa Rica)

*Mexitrichia pacuara* OS Flint, 1974

*Mortoniella panamensis* RJ Blahnik & RW Holzenthal, 2008 : NT (Male redescribed near *Mortoniella meralda* (ME Mosely) and *Mortoniella simla* OS Flint Holotype--Male; PANAMA: San Blas, Rio Carti Grande, 2 km W Nusagandi, 5-iii-1985, Flint & Louton; UMSP000118632, pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Mortoniella papillata* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella carinula* RJ Blahnik & RW Holzenthal, *Mortoniella redunda* RJ Blahnik & RW Holzenthal, *Mortoniella sicula* RJ Blahnik & RW Holzenthal, and *Mortoniella umbonata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Guanacaste, Parque Nacional Guanacaste, ca 0.7 km N Est Maritza, 10°57'36"N, 085°30'00"E[W], 550 m, 31-viii-1990, Huisman & Quesada; UMSP000001321, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Mortoniella paraenchrysa* J Sykora, 1999 : NT (Reported from Bolivia by PAR Martin & FM Gibon, 2008, Ann Limn - International Journal of Limnology 44(3): 215 Bolivia)

*Mortoniella paraguayensis* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella paraunota* RJ Blahnik & RW Holzenthal, *Mortoniella unota* (ME Mosely), and *Mortoniella uruguayensis* RJ Blahnik & RW Holzenthal Holotype--Male; PARAGUAY: Alto Parana, SE Naranja, ca 20 km S Pto Stroessner, 18-24-viii-1988, LE Pena G; UMSP000118564; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Paraguay)

*Mortoniella paralineata* J Sykora, 1999 : NT (Ecuador)

*Mortoniella parauna* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup Holotype--Male; BRAZIL: Minas Gerais, Rio Parauna, 3 km S Santana do Riacho, 19°10'59"S, 043°43'29"W, 650 m, 16-ii-1998, Holzenthal & Paprocki; UMSP000031878; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Paraguay)

*Mortoniella paraunota* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup near *Mortoniella paraguayensis* RJ Blahnik & RW Holzenthal, *Mortoniella unota* (ME Mosely), and *Mortoniella uruguayensis* RJ Blahnik & RW Holzenthal from Argentina and Brazil Holotype--Male; BRAZIL: Santa Catarina, Seara (Nova Teutonia), 27°11'S, 052°23'W, 300-500 m, 10-x-1964, F Plaumann; UMSP000118566; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella pectinella* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella carinula* RJ Blahnik & RW Holzenthal, *Mortoniella redunda* RJ Blahnik & RW Holzenthal, *Mortoniella sicula* RJ Blahnik & RW Holzenthal, *Mortoniella umbonata* RJ Blahnik & RW Holzenthal, *Mortoniella florica* RJ Blahnik & RW Holzenthal, and *Mortoniella propinqua* RJ Blahnik & RW Holzenthal Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site near Hornitos, 1050 m, 08°55'N, 82°16'W, 8-14-xi-1978, H Wolda; UMSP0001188658, in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Mortoniella pocita* (OS Flint, 1983) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, Zootaxa 1711: 4

Re-illustrated, reported from Bolivia and northwestern Argentina as *Mexitrichia pocita* by PA Rueda Martin & FM Gibon, 2008, Annales de Limnologie 44(3): 215-225, f 8

Male re-described in the *Mortoniella leroda* Species Group, *Mortoniella pocita* Subgroup, from Argentina and Bolivia by RJ Blahnik & RW Holzenthal, 2011, Zootaxa 2851: 39, 41, f 19 Argentina)

*Mexitrichia pocita* OS Flint, 1983

*Mortoniella propinqua* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella florica* (OS Flint) Holotype--Male; COSTA RICA: San Jose, Parque Nacional Braulio Carrillo, Quebrada Sanguijuela, 10°09'36"N, 083°57'47"W, 800 m, 27-iii-1987, Holzenthal, Hamilton, & Heyn; UMSP000001384, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Mortoniella pumila* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella pumila* Subgroup, near *Mortoniella pusilla* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro, Encontro dos Rios (Macaé/Bonito), 6 km S Lumiar, 22°23'29"S, 042°18'42"W, 600 m, 10-iii-2002, Holzenthal, Blahnik, Paprocki, & Prather;

UMSP000088069; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil (Brazil)

*Mortoniella punensis* (OS Flint, 1983) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4)

Re-illustrated, reported from Bolivia and northwestern Argentina as *Mexitrichia punensis* by PA Rueda Martin & FM Gibon, 2008, *Annales de Limnologie* 44(3): 215-225, f 9

Male re-described in the *Mortoniella leroda* Species Group, *Mortoniella punensis* Subgroup, from Argentina and Bolivia by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 45, 47, f 22 (Argentina)

*Mexitrichia punensis* OS Flint, 1983

*Mortoniella pusilla* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella pumila* Subgroup, near *Mortoniella pumila* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Corrego Pitanga, upstream of confluence with Rio Santo Antonio, 19°05'40"S, 042°39'54"W, 238 m, 19-x-2000, Paprocki & Ferreira;

UMSP000208515; pinned, wings mounted, body in glycerin; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil (Brazil)

*Mortoniella quinquas* PP Harper & P Turcotte, 1985 : NT (Ecuador)

*Mortoniella rancura* (ME Mosely, 1954) : NA (Male redescribed, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 49, f 24 Holotype--Male; MEXICO: [Nuevo Leon] Barranca, 24-ii-1931, A Dampf; slide mounted; deposited in The Natural History Museum, London, United Kingdom (RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 49) Mexico (Nuevo Leon))

*Mexitrichia rancura* ME Mosely, 1954

*Mortoniella redunda* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW Holzenthal, *Mortoniella carinula* RJ Blahnik & RW Holzenthal, *Mortoniella sicula* RJ Blahnik & RW Holzenthal, and *Mortoniella umbonata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Rio Toro, 3.0 km (road) SW Bajos del Torro, 10°12'14"N, 084°18'58"W, 1530 m, 3-4-ix-1990, Holzenthal, Blahnik, & Huisman; UMSP000001261, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella rodmani* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally Holotype--Male; COSTA RICA: Guanacaste, Parque Nacional Rincon de la Vieja, Quebrada Zopilote, 10°45'54"N, 085°18'32"W, 785 m, 3-iii-1986, Holzenthal; UMSP000018904, in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella roldani* OS Flint, 1991 : NT (Colombia)

*Mortoniella rovira* (OS Flint, 1974) : NT (Male redescribed, reported from Costa Rica and Panama, transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4, 54-56, f 29 (Panama))

*Mexitrichia rovira* OS Flint, 1974

*Mortoniella santiaga* J Sykora, 1999 : NT (Ecuador)

*Mortoniella sicula* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW Holzenthal, *Mortoniella redunda* RJ Blahnik & RW Holzenthal, *Mortoniella carinula* RJ Blahnik & RW Holzenthal, and *Mortoniella umbonata* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Guanacaste, Parque Nacional Guanacaste, Rio Tempisquito, Estacion Maritza, 10°57'29"N, 085°29'49"W, 550 m, 13-16-vii-1992, Munoz; INBIOCRI000513579, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America (Costa Rica)

*Mortoniella similis* J Sykora, 1999 : NT (Ecuador)

*Mortoniella simla* (OS Flint, 1974) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4)

Redescribed, reported from Bolivia as *Mexitrichia simla* by PA Rueda Martin & FM Gibon, 2008, *Annales de Limnologie* 44(3): 215-225, f 10 (Trinidad)

*Mexitrichia simla* OS Flint, 1974

*Mortoniella spinulata* (OS Flint, 1991) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 (Colombia))

*Mexitrichia spinulata* OS Flint, 1991

*Mortoniella squamata* J Sykora, 1999 : NT (Ecuador)

*Mortoniella stilula* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near

*Mortoniella meralda* (ME Mosely) and *Mortoniella caudicula* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Heredia, Rio Bijagual, on road to Magsasay, 10°24'29"N, 084°04'34"W, 140 m, 12-ii-1986, Holzenthal, Morse, & Fasth; UMSP0000118892, in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Mortoniella tapanti* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella akantha* RJ Blahnik & RW Holzenthal and *Mortoniella anakantha* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Reserva [Parque Nacional] Tapanti, Quebrada Palmitos & falls, ca 9 km (road) NW tunnelo, 09°43'12"N, 083°46'48"W, 1400 m, 2-3-vi-1990, Holzenthal, Blahnik, & Munoz; UMSP000000758, pinned; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Mortoniella taurina* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella akantha* RJ Blahnik & RW Holzenthal and *Mortoniella anakantha* RJ Blahnik & RW Holzenthal Holotype--Male; COSTA RICA: Cartago, Quebrada Platanillo, ca 5 km E Moravia de Chirripo, 09°49'16"N, 083°24'25"W, 1130 m, 6-viii-1987, Holzenthal, Morse, & Clausen; in alcohol; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Mortoniella teutona* (ME Mosely, 1939) : NT (A synonym of *Mexitrichia albolineata* (G Ulmer) according to OS Flint, 1966, P US Natn Mus 120(3559): 2

Resurrected (as *Mexitrichia teutonia*) by OS Flint, 1972, Proc Biol Soc Washington 85(17): 226

Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, Zootaxa 1711: 4

Male re-described in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella albolineata*, *Mortoniella dolonis*, and *Mortoniella latispina*, from Argentina, Brazil, and Uruguay by RJ Blahnik & RW Holzenthal, 2011, Zootaxa 2851: 31-32, 34, f 15 Brazil)

*Mexitrichia teutona* ME Mosely, 1939

*Mortoniella tranquilla* AV Martynov, 1912 : NT (Peru)

*Mortoniella tripuiensis* RJ Blahnik & RW Holzenthal, 2011 : NT (Male and female described originally in the *Mortoniella velasquezi* Species Group Holotype--Male; BRAZIL: Minas Gerais, Estacao Ecologica do Tripui, Corrego Tripui, 20°23'22"S, 043°32'32"W, 1070 m, 21-xi-1998, Paprocki, Braga, & Amarante; UMSP000047049; pinned; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella truncata* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup near *Mortoniella asymmetris* RJ Blahnik & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, spring trib to Rio Macauba, near Pandeiros, 15°28'38"S, 044°44'38"W, 525 m, 17-xi-2001, Paprocki & Blahnik; UMSP000208501; alcohol; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Brazil Brazil)

*Mortoniella umbonata* RJ Blahnik & RW Holzenthal, 2008 : NT (Male described originally near *Mortoniella opinionis* RJ Blahnik & RW Holzenthal, *Mortoniella papillata* RJ Blahnik & RW Holzenthal, *Mortoniella redunda* RJ Blahnik & RW Holzenthal, *Mortoniella sicula* RJ Blahnik & RW Holzenthal, and *Mortoniella carinula* RJ Blahnik & RW Holzenthal Holotype--Male; PANAMA: Chiriqui, Guadalupe Arriba, 08°52'26"N, 082°33'13"W, 12-18-ix-1984, H Wolda; UMSP000118656, in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Mortoniella unilineata* J Sykora, 1999 : NT (Venezuela)

*Mortoniella unota* (ME Mosely, 1939) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, Zootaxa 1711: 4

Male re-described in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup, near *Mortoniella paraguayensis* RJ Blahnik & RW Holzenthal, from Argentina and Brazil by RJ Blahnik & RW Holzenthal, 2011, Zootaxa 2851: 37, f 17 Brazil)

*Mexitrichia unota* ME Mosely, 1939

*Mortoniella uruguayensis* RJ Blahnik & RW Holzenthal, 2011 : NT (Male described originally in the *Mortoniella leroda* Species Group, *Mortoniella albolineata* Subgroup near *Mortoniella paraguayensis* RJ Blahnik & RW Holzenthal, *Mortoniella paraunota* RJ Blahnik & RW Holzenthal, and *Mortoniella unota* (ME Mosely) Holotype--Male; URUGUAY: Artigas, San Gregorio, 30°33'S, 057°52'W, Carbonell, Mesa, & San Martin; UMSP000124875; alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Uruguay)

*Mortoniella usseglioi* (PA Rueda Martin & FM Gibon, 2008) : NT (Male described originally near *Mexitrichia macarencica* OS Flint and *Mexitrichia aequalis* OS Flint Holotype--Male; BOLIVIA: Rio Tumusla (not very far from Tumusla and the crossing with the road Potosi-Tupiza), 2-x-2002, O Fossati and P Usseglio-Polatera cols; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina Bolivia)

*Mexitrichia usseglioi* PA Rueda Martin & FM Gibon, 2008

*Mortoniella velasquezi* (OS Flint, 1991) : NT (Transferred to *Mortoniella* by RJ Blahnik & RW Holzenthal, 2008, *Zootaxa* 1711: 4 Colombia)

*Mexitrichia velasquezi* OS Flint, 1991

*Mortoniella wygodzinskii* (F Schmid, 1958) : NT (*Mortoniella wygodzinskii* Species Group described by J Sykora, 1999, *P Internatn Symp Trich* 9: 385

Reported from Bolivia and northwestern Argentina by PA Rueda Martin & FM Gibon, 2008, *Annales de Limnologie* 44(3): 215-225

Male re-described in the *Mortoniella bilineata* Species Group from Argentina, Bolivia, Ecuador, and Venezuela by RJ Blahnik & RW Holzenthal, 2011, *Zootaxa* 2851: 63, 65, f 34 Argentina)

*Mexitrichia wygodzinskii* F Schmid, 1958

### ***Moruya* A Neboiss, 1962**

*Moruya charadra* A Neboiss, 1962 : AU (Female described and additional Tasmanian localities provided by A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51, f 7D-F Holotype--Male; Australia: Tasmania, Broad River nr Lake Dobson, 6 Nov 1955; (A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51) Australia (Tasmania))

*Moruya opora* A Neboiss, 1962 : AU (Female described and additional Tasmanian localities provided by A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51, f 7G-I Holotype--Male; Australia: Tasmania, Ouse River nr Great Lake, 2 Apr 1960; deposited in Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51) Australia (Tasmania))

*Moruya tasmanica* (S Jacquemart, 1965) : AU (Male redescrbed, female described, additional Tasmanian localities provided by A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51, f 6D-F, 7A-C Holotype--Male; Australia: Tasmania, Cradle Mountain, 27 Jan 1923; deposited in l'Institut Royal des Sciences Naturelle de Beligues, Brussels, Belgium (A Neboiss, 2002, *Papers & Proceedings of the R Soc Tasmania* 136: 51) Australia (Tasmania))

*Psyllobetina tasmanica* S Jacquemart, 1965

### ***Moselyana* DG Denning, 1949**

*Moselyana comosa* DG Denning, 1949 : NA (United States of America)

### ***Mulgravia* A Wells, 1982**

*Mulgravia carteri* A Wells, 1983 : AU (Australia)

*Mulgravia coronata* A Wells, 1982 : AU (Australia)

### ***Myotrichia* F Schmid, 1955**

*Myotrichia murina* F Schmid, 1955 : NT (Morphology of larva and pupa in Patagonia by A del C Valverde & RJ Albarino, 1999, *Revista Soc Entomol Argentina* 58(3-4): 11-16 Chile)

### ***Mystacides* AA Berthold, 1827**

*Mystacides absimilis* L Yang & JC Morse, 1997 : OL (Male and female fully described, type designated by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 3, 11, 188-190, 195-196, f 178, 253 China (Sichuan))

*Mystacides alafimbriatus* AL Hill-Griffin, 1912 : NA (United States of America)

*Mystacides azureus* (C Linnaeus, 1761) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, *J Insect Behav* 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Larval anterior and case illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 134-135

Reported for first time from Korea by SJ Park, YJ Bae, & LF Yang, 1999, *Insecta Koreana* 16(2): 155-162

Age class segregation of larvae in lake littoral *Potamogeton pectinatus* L. bed described by R Banziger, 2000, *Revue Suisse de Zool* 107(1): 139-151

Forelegs described by G Spinelli and C Corallini, 2002, *Proc Internatn Symp Trich* 10: 29-36

Larva described by L Pietrzak and S Czachorowski, 2003, *Braueria* 30: 4, fig 1-2

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril Islands and Sakhalin* 1: 55

Degree of intolerance score (DIS) of 7.79 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Male genitalia are asymmetrical according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 586

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

In lentic habitat near Potsdam Germany, as *Mystacides nigra*, according to W Mey, 2005, *Lauterbornia* 54: 115-122

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Japan (Nagoya) by T Nozaki, 2010, *Nature of Irrigation Pond* 49: 22 Sweden)  
*Phryganea azureus* C Linnaeus, 1761  
Syn.: *Mystacide nigra* FJ Pictet, 1834  
Syn.: *Mystacides atra* J Dziedzielewicz, 1877  
Syn.: *Phryganea nigrocoerulea* AJ Retzius, 1783

*Mystacides azureus albicornis* ME Mosely, 1930 (~azureus (C Linnaeus, 1761, Fauna Suec ed 2: 380), Phryganea)

*Mystacides bifidus* AV Martynov, 1924 (Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 34

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (southern Siberia))

*Mystacides bifidus dextrus* AV Martynov, 1924 (

~bifidus AV Martynov, 1924, Jb Martjanov Mus 2: 65, 70, 75, 82, 92-94, f 4 a-c)

*Mystacides dentatus* AV Martynov, 1924 (Reported for first time from Korea by SJ Park, YJ Bae, & LF Yang, 1999, Insecta Koreana 16(2): 155-162

Male redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 11, 184-185, 191-193, 195-196, f 180

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13 Russia (southern Siberia))

*Mystacides dentatus brevispinatus* AV Martynov, 1924 (

~dentatus AV Martynov, 1924, Jb Martjanov Mus 2: 65, 70, 75, 82, 89-92, f 3 a-b)

*Mystacides elongatus* T Yamamoto & HH Ross, 1966 : OL (Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 11, 184, 191-193, 196, f 181, 255 China (Guangdong))

*Mystacides indicus* AV Martynov, 1936 : OL (Reported from Nepal as *Mystacides indica* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Mystacides interjectus* (N Banks, 1914) : NA (Canada)

*Oecetina interjectus* N Banks, 1914

Syn.: *Mystacides canadensis* N Banks, 1924

*Mystacides khasicus* DE Kimmins, 1963 : OL (Male redescribed and female described by JC Morse and L Yang, 2002, Proc Internatn Symp Trich 10: 176, 178, f 2A-G Holotype--Male; India, Assam, Khasi Hills; deposited in The Natural History Museum, London, United Kingdom India)

*Mystacides longicornis* (C Linnaeus, 1758) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Age class segregation of larvae in lake littoral *Potamogeton pectinatus* L. bed described by R Banziger, 2000, Revue Suisse de Zool 107(1): 139-151

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Altai, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea longicornis* C Linnaeus, 1758

Syn.: *Mystacides concolor* H Burmeister, 1839

Syn.: *Mystacides leucopterus* R McLachlan, 1884

Syn.: *Mystacides monochrous* R McLachlan, 1880

Syn.: *Phryganea minuta* JW Zetterstedt, 1840

Syn.: *Phryganea nigrafasciata* AJ Retzius, 1783

Syn.: *Phryganea quadrifasciata* JC Fabricius, 1775

Syn.: *Phryganea sabella* F von Paula Schrank, 1802

*Mystacides niger* (C Linnaeus, 1758) : PA (Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Female genitalia illustrated by B Robert, J Neu, & M Gorka, 2001, Entomol Zeitschr Stuttgart 111(5): 151, f 4

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea niger* C Linnaeus, 1758

Syn.: *Leptocerus nigricans* JF Stephens, 1836

Syn.: *Leptocerus obtusus* JF Stephens, 1836

Syn.: *Phryganea plumosa*, 1776

*Mystacides pacificus* W Mey, 1991 (Russia (Sakhalin))

*Mystacides pristinus* L Yang & JC Morse, 2000 : OL (China (Hubei))

*Mystacides sandersoni* T Yamamoto & HH Ross, 1966 : OL (Listed doubtfully from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Peninsular))

*Mystacides schmidi* JC Morse and L Yang, 2002 : OL (male and female described originally Holotype-Male; Sri Lanka: Matale Dist Elkaduwa, Hunas Falls, 3000 ft, 5 April 1973, Coll Baumann and Cross, at black light; deposited in United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America India (Sri Lanka))

*Mystacides sepulchralis* (F Walker, 1852) : NA (Canada)

*Leptocerus sepulchralis* F Walker, 1852

Syn.: *Setodes longula* L Navas, 1934

*Mystacides sibiricus* AV Martynov, 1935 (Reported from China (Hubei) by S Wang, 1963, Acta Hydrobiologica Sinica 3: 60, 64

A synonym of *Mystacides interjectus* according to T Yamamoto & HH Ross, 1966, Can Ent 98: 627-632, figs, but not according to GB Wiggins and CR Parker, 1997, in HV Danks & JA Downes, Ins Yukon, p 815

Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 11, 184-188, 195, 196

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35 Russia (Siberia))

*Mystacides superatus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Mystacides testaceus* L Navas, 1931 : OL (Male and female redescribed by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 1, 2, 11, 184, 189-190, 195, 196, f 75, 179, 254 China (Jiangsu))

### ***Mystacopsyche* F Schmid, 1955**

*Mystacopsyche longipilosa* F Schmid, 1964 : NT (Chile)

*Mystacopsyche ochracea* F Schmid, 1955 : NT (Chile)

### ***Namamyia* N Banks, 1905**



*Namamyia plutonis* N Banks, 1905 : NA (United States of America)

### ***Nanoplectrus* A Neboiss, 1977**

*Nanoplectrus truchanasi* A Neboiss, 1977 : AU (Holotype--Male; Australia: Tasmania, Junction Creek, West Arthur Plains, 6 Feb 1966; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 73) Australia (Tasmania))

### ***Navasus* H Oezdikmen, 2007**

*Navasus spinulosus* (L Navas, 1935) : OL (China (Jiangxi))  
*Pielus spinulosus* L Navas, 1935

### ***Neboissomina* DI Cartwright, 2011**

*Neboissomina jardinei* DI Cartwright, 2011 : AU (Male described originally near *Neboissomina* kuranya DI Cartwright and *Neboissomina riyala* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Canal Ck u/s jn Eliot Ck, 11\*23'S, 142\*25'E, 06-ii-1992, Cartwright and Wells; NMV, T-21020; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Neboissomina krokale* (A Neboiss, 1978) : AU (Male redescribed (specimen PT-547 figured), transferred from *Ecnomina* and *Daternomina* to *Neboissomina* by DI Cartwright, 2011, Zootaxa 2736: 21, f 6-8 Holotype--Male; AUSTRALIA: Queensland, Fraser Island, Little Minker Lake, 18 Dec 1975, H Burton; NMV, T-5697; deposited in Museum Victoria, Melbourne, Australia (DI Cartwright, 2011, Zootaxa 2736: 21) Australia)

*Ecnomina krokale* A Neboiss, 1978

*Neboissomina kuranya* DI Cartwright, 2011 : AU (Male (specimen CT-491 figures) and female described originally near *Neboissomina riyala* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Seary's Ck, Rainbow Beach, 25\*58'S, 153\*04'E, 06-xii-1984, G Theischinger; NMV, T-21061; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Neboissomina mida* DI Cartwright, 2011 : AU (Male described originally near *Neboissomina krokale* (A Neboiss) Holotype--Male; AUSTRALIA: Queensland, Trib Bertie Ck, 250 m SW of Heathlands HS, 11\*45'S, 142\*35'E, 11-ii-1992, Cartwright and Wells; NMV, T-21002; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Neboissomina persona* DI Cartwright, 2011 : AU (Male (specimen CT-419 figured) and female (specimen CT-418 figured) described originally near *Neboissomina krokale* (A Neboiss) and *Neboissomina mida* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Birthday Creek, 2.5 km NNW Paluma, 18\*58'S, 146\*10'E, at light, 17-iii-1989, R StClair; NMV, T-20973; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Neboissomina philsuteri* DI Cartwright, 2011 : AU (Male (specimen CT-519 figured) described originally near *Neboissomina riyala* DI Cartwright Holotype--Male; AUSTRALIA: Western Australia, Camp Ck, Mitchell Plateau, 14\*50'S, 125\*50'E, 13-vii-1978, P Suter; NMV, T-21077; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Neboissomina riyala* DI Cartwright, 2011 : AU (Male (specimen CT-470 figured) and female (specimen CT-492) described originally near *Neboissomina philsuteri* DI Cartwright and *Neboissomina kuranya* DI Cartwright Holotype--Male; AUSTRALIA: Queensland, Seary's Ck, Rainbow Beach, 25\*58'S, 153\*04'E, 06-xii-1984, G Theischinger; NMV, T-21061; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

### ***Nectopsyche* F Mueller, 1879**

*Nectopsyche acutiloba* OS Flint, 1974 : NT (Surinam)

*Nectopsyche adusta* OS Flint, 1983 : NT (Argentina)

*Nectopsyche albida* (F Walker, 1852) : NA (Larva and case described by JB Glover & MA Floyd, 2004, J N Amer Benthol Soc 23(3): 535-536, f 5 Canada)

*Leptocerus albida* F Walker, 1852

Syn.: *Leptocella coloradensis* N Banks, 1899

Syn.: *Leptocella gracilis* N Banks, 1904

Syn.: *Mystacides uwarowii* F Kolenati, 1859

Syn.: *Setodes niveus* HA Hagen, 1861

*Nectopsyche argentata* OS Flint, 1991 : NT (Food quality, feeding preferences, survival, and growth on *Hura crepitans* leaves reported by MAS Graca, C Cressa, MO Gessner, MJ Feio, KA Callies, C Barrios, 2001, *Freshwater Biology* 46(7): 947-957 Colombia)  
*Nectopsyche aureofasciata* OS Flint, 1981 : NT (Venezuela)  
*Nectopsyche aureovittata* OS Flint, 1983 : NT (Recorded from Parana for the first time by GL de Almeida & L Marinoni, 2000, *Revista Brasileira Zool* 17(2): 347-359 Argentina)  
*Nectopsyche bellus* (F Mueller, 1921) : NT (Brazil)  
*Setodes bellus* F Mueller, 1921  
*Nectopsyche brethesi* (L Navas, 1920) : NT (Uruguay)  
*Leptocella brethesi* L Navas, 1920  
*Nectopsyche bruchi* (L Navas, 1920) : NT (Argentina)  
*Leptocella bruchi* L Navas, 1920  
*Nectopsyche brunneofascia* OS Flint, 1983 : NT (Argentina)  
*Nectopsyche cana* (L Navas, 1924) : NT (Venezuela)  
*Leptocella cana* L Navas, 1924  
*Nectopsyche candida* (HA Hagen, 1861) : NA (  
Larva described by JB Glover & MA Floyd, 2004, *J N Amer Benthol Soc* 23(3): 538-539

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 United States of America)  
*Setodes candida* HA Hagen, 1861  
*Nectopsyche cubana* (N Banks, 1938) : NT (Male described originally

Known from all Greater Antillean islands including Dominican Republic (Azua, Dajabon, Elias Pina, El Seibo, Hato Mayor, La Altagracia, La Vega, Monsenor Nouel, Pedernales, Puerto Plata, San Cristobal, San Juan, Santiago) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 45-46

Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 169-173 Cuba)  
*Leptocella cubana* N Banks, 1938  
*Nectopsyche diarina* (HH Ross, 1944) : NA (Larva and case described by JB Glover & MA Floyd, 2004, *J N Amer Benthol Soc* 23(3): 534-535, f 4 United States of America)  
*Leptocella diarina* HH Ross, 1944  
*Nectopsyche diminuta* (N Banks, 1920) : NT (Guyana)  
*Leptocella diminuta* N Banks, 1920  
*Nectopsyche dorsalis* (N Banks, 1901) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, *Southwestern Naturalist* 51(3): 326-337

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 44

Reported from Arizona by Blinn & Ruitter, 2009, *Southwestern Naturalist* 54(2): 182-194 Mexico (Veracruz))  
*Leptocella dorsalis* N Banks, 1901  
Syn.: *Leptocella serrei* L Navas, 1924  
*Nectopsyche exophthalma* RW Holzenthal, 1995 : NT (Costa Rica)  
*Nectopsyche exquisita* (F Walker, 1852) : NA (Larva and case described by JB Glover & MA Floyd, 2004, *J N Amer Benthol Soc* 23(3): 537-538, f 10, 11B-C United States of America)  
*Leptocerus exquisita* F Walker, 1852  
Syn.: *Setodes piffardii* R McLachlan, 1863  
*Nectopsyche flavofasciata* (G Ulmer, 1907) : NT (Brazil)  
*Leptocella flavofasciata* G Ulmer, 1907  
Syn.: *Brethesella decorata* L Navas, 1920  
Syn.: *Leptocella ditata* L Navas, 1933  
Syn.: *Leptocella sparsa* N Banks, 1920  
*Nectopsyche fulva* (L Navas, 1930) : NT (Chile)  
*Leptocella fulva* L Navas, 1930  
*Nectopsyche fuscomaculata* OS Flint, 1983 : NT (Recorded from Parana for the first time by GL de

Almeida & L Marinoni, 2000, Revista Brasileira Zool 17(2): 347-359 Argentina)  
*Nectopsyche gemma* (F Mueller, 1880) : NT (Brazil)  
*Setodes gemma* F Mueller, 1880  
 Syn.: *Leptocella festiva* L Navas, 1913  
 Syn.: *Leptocella genuosa* L Navas, 1920  
*Nectopsyche gemmoides* OS Flint, 1981 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Venezuela)  
 Syn.: *Nectopsyche cupreosquamosa* L Botosaneanu, 1993  
*Nectopsyche globigona* L Botosaneanu, 1998 : NT (Female described for the first time by L Botosaneanu, 1999, Entomol Zeitschr 109(8): 329 Jamaica)  
*Nectopsyche gracilis* (N Banks, 1901) : NA, NT ( Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337  
 Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29  
 Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Morelos)  
*Leptocella gracilis* N Banks, 1901  
 Syn.: *Leptocella exilis* N Banks, 1905  
 Syn.: *Leptocella gracilis* N Banks, 1904  
 Syn.: *Leptocella intervena* N Banks, 1914  
*Nectopsyche jenseni* (G Ulmer, 1905) : NT (Argentina)  
*Leptocella jenseni* G Ulmer, 1905  
 Syn.: *Leptocella ambitiosa* L Navas, 1933  
 Syn.: *Leptocella lucipeta* L Navas, 1923  
 Syn.: *Leptocella mixta* L Navas, 1920  
*Nectopsyche lahontanensis* JD Haddock, 1977 : NA (United States of America)  
*Nectopsyche lewisi* (OS Flint, 1968) : NT (Jamaica)  
*Leptocella lewisi* OS Flint, 1968  
*Nectopsyche maculipennis* OS Flint, 1983 : NT (Paraguay)  
*Nectopsyche minuta* (N Banks, 1900) : NA (United States of America)  
*Leptocella minuta* N Banks, 1900  
*Nectopsyche modesta* (F Mueller, 1921) : NT (Transferred from *Setodes* to "Nectopsyche? oder Leptocella?" by G Ulmer, 1955, Arch Hydrobiol 21 (suppl): 32, transferred unequivocally to Nectopsyche by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 78 Brazil)  
*Setodes modesta* F Mueller, 1921  
*Nectopsyche monticola* RW Holzenthal, 1995 : NT (Costa Rica)  
*Nectopsyche muelleri* (G Ulmer, 1905) : NT (Brazil)  
*Leptocella muelleri* G Ulmer, 1905  
*Nectopsyche muhni* (L Navas, 1916) : NT (Recorded from Parana for the first time by GL de Almeida & L Marinoni, 2000, Revista Brasileira Zool 17(2): 347-359 Argentina)  
*Leptocella muhni* L Navas, 1916  
 Syn.: *Leptocella bridarollia* L Navas, 1930  
 Syn.: *Leptocella fulvocapilla* L Navas, 1922  
 Syn.: *Setodes pretiosellus* N Banks, 1924  
*Nectopsyche multilineata* OS Flint, 1983 : NT (Argentina)  
*Nectopsyche navasi* RW Holzenthal, 2000 : NT (Chile)  
 Syn.: *Leptocella candida* L Navas, 1923  
*Nectopsyche nigricapilla* (L Navas, 1920) : NT (Paraguay)  
*Leptocella nigricapilla* L Navas, 1920  
 Syn.: *Leptocella ornata* L Navas, 1933  
*Nectopsyche onyx* RW Holzenthal, 1995 : NT (Costa Rica)  
*Nectopsyche ortizi* RW Holzenthal, 1995 : NT (Recorded from Parana for the first time by GL de Almeida & L Marinoni, 2000, Revista Brasileira Zool 17(2): 347-359 Costa Rica)  
*Nectopsyche padrenavasi* RW Holzenthal, 2000 : NT (Bolivia)  
 Syn.: *Leptocella nivea* L Navas, 1920

*Nectopsyche paludicola* SC Harris, 1986 : NA (Larva described by JB Glover & MA Floyd, 2004, J N Amer Benthol Soc 23(3): 530-533, f 2 United States of America)  
*Nectopsyche pantosticta* OS Flint, 1983 : NT (Argentina)  
*Nectopsyche pavidata* (HA Hagen, 1861) : NA, NT (Larva and case described by JB Glover & MA Floyd, 2004, J N Amer Benthol Soc 23(3): 533-534, f 3, 11A)

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 United States of America)

*Setodes pavidata* HA Hagen, 1861  
*Nectopsyche punctata* (G Ulmer, 1905) : NT (Brazil)  
*Leptocella punctata* G Ulmer, 1905  
Syn.: *Leptocella fenestrata* N Banks, 1913  
Syn.: *Leptocella spegazzinia* L Navas, 1920  
*Nectopsyche quatuorguttata* (L Navas, 1922) : NT (Bolivia)  
*Leptocella quatuorguttata* L Navas, 1922  
*Nectopsyche separata* (N Banks, 1920) : NT (Recorded from Parana for the first time by GL de Almeida & L Marinoni, 2000, Revista Brasileira Zool 17(2): 347-359 Brazil)  
*Leptocella separata* N Banks, 1920  
Syn.: *Leptocella graphica* L Navas, 1932  
*Nectopsyche spiloma* (HH Ross, 1944) : NA, NT (Larva described by JB Glover & MA Floyd, 2004, J N Amer Benthol Soc 23(3): 539)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 United States of America)

*Leptocella spiloma* HH Ross, 1944  
*Nectopsyche splendida* (L Navas, 1917) : NT (Recorded from Parana for the first time by GL de Almeida & L Marinoni, 2000, Revista Brasileira Zool 17(2): 347-359 Argentina)  
*Leptocella splendida* L Navas, 1917  
*Nectopsyche stigmatica* (N Banks, 1914) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruitter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Leptocella stigmatica* N Banks, 1914  
Syn.: *Leptocella aeolius* DG Denning, 1948  
Syn.: *Leptocella stigmatica* L Navas, 1917  
Syn.: *Leptocella vakaca* F Schmid, 1950  
*Nectopsyche taleola* OS Flint, 1974 : NT (Surinam)  
*Nectopsyche tapanti* RW Holzenthal, 1995 : NT (Costa Rica)  
*Nectopsyche tavana* (HH Ross, 1944) : NA (Larva described by JB Glover & MA Floyd, 2004, J N Amer Benthol Soc 23(3): 536, f 6 United States of America)  
*Leptocella tavana* HH Ross, 1944  
*Nectopsyche texana* (N Banks, 1905) : NA ([incertae sedis JD Haddock, 1977, American Midl Nat 98(2): 410] United States of America)  
*Leptocella texana* N Banks, 1905  
*Nectopsyche thallina* (L Navas, 1922) : NT (Paraguay)  
*Leptocella thallina* L Navas, 1922  
*Nectopsyche tuanis* RW Holzenthal, 1995 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Costa Rica)  
*Nectopsyche utleyorum* RW Holzenthal, 1995 : NT (Costa Rica)

*Nectopsyche waccamawensis* JB Glover & MA Floyd, 2004 : NA (Male, larva, and case described originally Holotype--Male; United States of America: North Carolina, Columbus County, Lake Waccamaw, northwest shore, 34.317\*N, 78.52\*W, 25-v-2003, Glover and Floyd; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

### ***Nemotaulius* N Banks, 1906**

#### **subgenus *Macrotaulius* F Schmid, 1952**

*Nemotaulius (Macrotaulius) admorsus* (R McLachlan, 1866) (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 204

Recorded from South Korea, Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 33-35, f 4b-c, 5a-c, 11e

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Limnephilus (Glyphotaelius) admorsus* R McLachlan, 1866

Syn.: *Glyphotaelius japonicus* M Iwata, 1927

*Nemotaulius (Macrotaulius) amurensis* AP Nimmo, 1995 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (Primorye))

*Nemotaulius (Macrotaulius) coreanus* J Olah, 1985 (Korean People's Democratic Republic)

*Nemotaulius (Macrotaulius) hostilis* (HA Hagen, 1873) : NA (Reported from the United States (Virginia) by SM Roble & OS Flint, 2001, *Banisteria* 18: 35-37 Canada)

*Glyphotaelius hostilis* HA Hagen, 1873

*Nemotaulius (Macrotaulius) miyakei* (W Nakahara, 1914) (species status needing clarification, bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 204 Japan)

*Glyphotaelius miyakei* W Nakahara, 1914

*Nemotaulius (Macrotaulius) mutatus* (R McLachlan, 1872) : OL (Recorded from South Korea, male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, *Korean J Syst Zool* 15(1): 35, f 4e-f, 5e-f, 11f Russia (eastern Siberia))

*Glyphotaelius mutatus* R McLachlan, 1872

*Nemotaulius (Macrotaulius) punctatolineatus* (AJ Retzius, 1783) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Egg-laying and egg masses described by B Gullefors, 1994, *Entomol Gaz* 45: 141-149

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 230

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Sweden)

*Phryganea punctatolineatus* AJ Retzius, 1783

Syn.: *Glyphidotaulius umbraculum* F Kolenati, 1848

Syn.: *Limnephilus laevis* F Walker, 1852

Syn.: *Phryganea binervosus* , 1789

Syn.: *Phryganea punctatus* , 1791

*Nemotaulius (Macrotaulius) punctatolineatus frigidus* HA Hagen, 1873 (originally described as a variety of *Glyphotaelius punctatolineatus*

~*punctatolineatus* (AJ Retzius, 1783, C de Geer *Gen Spec Insect* p 56), *Phryganea*)

#### **subgenus *Nemotaulius* N Banks, 1906**

*Nemotaulius (Nemotaulius) brevilinea* (R McLachlan, 1871) (Bibliography and distribution in Japan

provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 204

Male and female redescribed by HJ Choe, K Kumanski, and KS Woo, 1999, Korean J Syst Zool 15(1): 33, f 4a-b, 5a-b, 11d Japan)

*Grammotaulius brevilinea* R McLachlan, 1871

Syn.: *Glyphotaelius subsinuatus* G Ulmer, 1906

### ***Neothripsodes* RW Holzenthal, 1989**

*Neothripsodes anomalus* RW Holzenthal, 1989 : NT (Brazil)

### ***Neotopsyche* F Schmid, 1955**

*Neotopsyche brevispina* F Schmid, 1957 : NT (larva described by EB Angrisano, 1998, Rev Soc Entomol Argentina 57(1-4): 122 Chile)

*Neotopsyche chilensis* F Schmid, 1955 : NT (larva described by EB Angrisano, 1998, Rev Soc Entomol Argentina 57(1-4): 123 Chile)

*Neotopsyche obliqua* OS Flint, 1970 : NT (larva described by EB Angrisano, 1998, Rev Soc Entomol Argentina 57(1-4): 122 Chile)

*Neotopsyche spinosella* F Schmid, 1955 : NT (larva described by EB Angrisano, 1998, Rev Soc Entomol Argentina 57(1-4): 122 Chile)

*Neotopsyche unispina* OS Flint, 1967 : NT (larva described by EB Angrisano, 1998, Rev Soc Entomol Argentina 57(1-4): 122 Argentina)

### ***Neotriplectides* RW Holzenthal, 1997**

*Neotriplectides desiderata* LL Dumas & JL Nessimian, 2008 : AU (Larva described by RW Holzenthal, 1997, Proceedings of the International Symposium on Trichoptera 8: 157-165)

Male and pupa described originally near *Neotriplectides froehlichii* RW Holzenthal Holotype--Male: BRAZIL: Minas Gerais, Itamonte, Rio Aiuruoca, 22°20'56.9"S, 44°41'37.9"W, 1860 m, 20-xi-2004, LL Dumas & JL Nessimian, DZRJ 1200; deposited in the Colecao Entomologica do Departamento de Zoologia, Universidade Federal do Rio de Janeiro, Brazil Brazil)

*Neotriplectides froehlichii* RW Holzenthal, 1997 : NT (Peru)

### ***Neobiosella* KAJ Wise, 1958**

*Neobiosella irrorata* KAJ Wise, 1958 : AU (Male described, female redescribed by JB Ward, 1999, Rec Canterbury Mus 13: 75-95 New Zealand)

### ***Neochorema* F Schmid, 1957**

*Neochorema dictynnum* F Schmid, 1957 : NT (Chile)

*Neochorema jaula* OS Flint, 1969 : NT (Chile)

*Neochorema lobiferum* OS Flint, 1969 : NT (Chile)

*Neochorema sinuatum* F Schmid, 1964 : NT (Chile)

### ***Neophylax* R McLachlan, 1871**

*Neophylax acutus* RN Vineyard & GB Wiggins, 1987 : NA (United States of America)

*Neophylax albipunctatus* (AV Martynov, 1930) : OL (China (Tibet))

*Halesinus albipunctatus* AV Martynov, 1930

*Neophylax aniqua* HH Ross, 1947 : NA (Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, Can J Zool 81: 1083-1095 Canada)

*Neophylax atlanta* HH Ross, 1947 : NA (United States of America)

Syn.: *Neophylax saloris* DG Denning, 1948

*Neophylax auris* RN Vineyard & GB Wiggins, 1987 : NA (United States of America)

*Neophylax ayanus* HH Ross, 1938 : NA (United States of America)

*Neophylax concinnus* R McLachlan, 1871 : NA (Life cycle and development in temporary spring in

Missouri described by ML Mathis, 1999, P Internatn Symp Trich 9: 217-226 United States of America)  
Syn.: *Neophylax autumnus* CT Vorhies, 1909  
*Neophylax consimilis* C Betten, 1934 : NA (United States of America)  
*Neophylax delicatus* N Banks, 1943 : NA (A synonym of *Neophylax mitchelli* according to RN Vineyard, 1990, unpublished PhD dissertation United States of America)  
*Neophylax etnieri* RN Vineyard & GB Wiggins, 1987 : NA (United States of America)  
*Neophylax fenestratus* (N Banks, 1940) : OL (China (Sichuan))  
*Halesinus fenestratus* N Banks, 1940  
*Neophylax flavus* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))  
*Neophylax fuscus* N Banks, 1903 : NA (United States of America)  
*Neophylax japonicus* F Schmid, 1964 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199

Longitudinal distribution, life-history, and microhabitat in a Japanese stream reported by H Mitsuhashi, 2000, Japanese Journal of Limnology 61(3): 251-258

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 55

Host of *Agriotypus silvestris* (Hymenoptera: Ichneumonidae) according to Anonymous, 2005, Hibakagaku 215: 1-9 Japan)  
*Neophylax koizumii* (M Iwata, 1927) (Not a species of *Apatania* according to T Nozaki, K Tanida, & T Ito, 1999, Jap J Limnol 60(3): 359

Larva and case redescribed, transferred from *Apatania* to *Neophylax* by H Mitsuhashi, T Nozaki, & K Tanida, 2000, Limnology 1(2): 139-142, figs

Longitudinal distribution, life-history, and microhabitat in a Japanese stream reported by H Mitsuhashi, 2000, Japanese Journal of Limnology 61(3): 251-258 Japan)  
*Apatania koizumii* M Iwata, 1927  
*Neophylax kolodskii* CR Parker, 2000 : NA (United States of America)  
*Neophylax lewisae* DA Etnier, 2006 : NA (Male, female, larva described originally near *Neophylax atlanta* HH Ross and *Neophylax toshioi* RN Vineyard & GB Wiggins Holotype--Male Pupa; UNITED STATES OF AMERICA: Tennessee, Williamson County, Kelley Creek approximately 0.8 km upstream from Blowing Spring Brnach, Paul Sloan residence, 5565 Taylor Cemetery Road, 20.6 air km west-southwest of Franklin, 35°53.368'N, 87°5.741'W, 30 September - 1 October 1998, JT Baxter; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)  
*Neophylax maculatus* (KH Forsslund, 1935) (China (Gansu))  
*Halesinus maculatus* KH Forsslund, 1935  
*Neophylax mitchelli* FM Carpenter, 1933 : NA (United States of America)  
*Neophylax muinensis* M Kobayashi, 1977 (possibly a synonym of *Neophylax japonicus* according to K Tanida, 1982, Annu Rep Hakusan Nat Conser Center 8: 15-29

a synonym of *Neophylax japonicus* according to GB Wiggins, 1996, in litt

species status needing confirmation according to T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199

bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199 Japan)  
*Neophylax nacatus* DG Denning, 1941 : NA (A synonym of *Neophylax mitchelli* according to RN Vineyard, 1990, unpublished PhD dissertation United States of America)  
*Neophylax nigripunctatus* L Tian & Y Li, 1993 : OL (China (Sichuan))  
*Neophylax occidentis* N Banks, 1924 : NA (Male, female, and larva described from Russia (Altai, Sayans, Maritime Territories, Amur region, Sakhalin Island) and Japan (Hokkaido) by RN Vineyard, GB Wiggins, HE Frania, & PW Scheffer, 2005, Royal Ontario Mus Contrib Sci 2: 19-21, f 19-21 United States of America)  
Syn.: *Acronopsyche pilosa* N Banks, 1930

*Neophylax oligius* HH Ross, 1938 : NA (United States of America)  
*Neophylax ornatus* N Banks, 1920 : NA (United States of America)  
*Neophylax ottawa* RN Vineyard & GB Wiggins, 1987 : NA (Canada)  
*Neophylax relictus* (AV Martynov, 1935) (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Male, female, and larva described from Russia (Far East), lectotype designated by RN Vineyard, GB Wiggins, HE Frania, & PW Schefter, 2005, Royal Ontario Mus Contrib Sci 2: 18-19, f 17-18 Lectotype -- Male; RUSSIA: Great Shantar Is, Okhotsk Sea, Amuka R, 25-v-1925; deposited in the Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia (RN Vineyard, GB Wiggins, HE Frania, & PW Schefter, 2005, Royal Ontario Mus Contrib Sci 2: 18) Russia (Far East)

*Amukia relictus* AV Martynov, 1935

*Neophylax rickeri* LJ Milne, 1935 : NA (Oviposition site selection discussed by A Hoffmann & VH Resh, 2003, Freshwater Biology 48(6): 1064-1077

Oviposition behavior described by A Hoffman & VH Resh, 2005, Proc Internatn Symp Trichoptera 11: 175-179

Emergence, fluctuating sex ratios, and protandry discussed by PK Mendez, JR Wood, and VH Resh, 2007, Proceedings of the International Symposium on Trichoptera 12: 197-202

Life history in 2 northern California stream provided by PK Mendez & VH Resh, 2008, Annals of the Entomological Society of America 101(3): 573-584 Canada)

Syn.: *Neophylax pulchellus* S Ling, 1938

*Neophylax securis* RN Vineyard & GB Wiggins, 1987 : NA (United States of America)

*Neophylax sinuatus* L Navas, 1917 : NA (United States of America)

*Neophylax slossonae* N Banks, 1943 : NA (A synonym of *Neophylax consimilis* according to GB Wiggins, 1996, in litt United States of America)

*Neophylax smithi* RN Vineyard & GB Wiggins, 1987 : NA (Male, female, and larva described from western slopes of the Cascade Mountains in western Washington by RN Vineyard, GB Wiggins, HE Frania, & PW Schefter, 2005, Royal Ontario Mus Contrib Sci 2: 21-22, f 23-25 United States of America)

*Neophylax splendens* DG Denning, 1948 : NA (United States of America)

*Neophylax stolus* HH Ross, 1938 : NA (United States of America)

*Neophylax tenuicornis* (G Ulmer, 1907) : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 498 China (Sichuan))

*Halesinus tenuicornis* G Ulmer, 1907

*Neophylax toshioi* RN Vineyard & GB Wiggins, 1987 : NA (United States of America)

*Neophylax ussuriensis* (AV Martynov, 1914) (Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Diagnosis by SJ Park & YJ Bae, 1998, Korean J Syst Zool 14(4): 365

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 199

Male, female, and larva described from Russia (Altai, Sayans, Maritime Territories, Amur region, Sakhalin Island) and Japan (Hokkaido) by RN Vineyard, GB Wiggins, HE Frania, & PW Schefter, 2005, Royal Ontario Mus Contrib Sci 2: 16-18, f 14-16

Reported from Siberia (Buryatia) as *Dinarthrodes elongatus* AV Martynov by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Russia (southeastern Siberia))

*Halesinus ussuriensis* AV Martynov, 1914

Syn.: *Neophylax uenoi* M Tsuda, 1942

*Neophylax virginica* OS Flint & KM Kjer, 2011 : NA (Male and female described originally in the *Neophylax ayanus* Group near *Neophylax stolus* HH Ross and *Neophylax ottawa* RN Vineyard & GB



Wiggins Holotype--Male; UNITED STATES OF AMERICA: Virginia, Clarke Co, Shenandoah River, Rt 621, 5.6 km N Rt 50, 39°04.8'N, 077°59.2'W, 02-x-2002, CM & OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)  
*Neophylax wigginsii* JL Sykora & JS Weaver, 1978 : NA (United States of America)

### ***Neopsilochorema* F Schmid, 1955**

*Neopsilochorema tricarinatum* F Schmid, 1955 : NT (larva described by EB Angrisano, 1997, P Internatn Symp Trich 8: 15-17 Chile)

### ***Neothremma* GS Dodds & FL Hisaw, 1925**

*Neothremma alicia* GS Dodds & FL Hisaw, 1925 : NA (United States of America)

Syn.: *Neothremma laloukesi* F Schmid, 1968

*Neothremma andersoni* GB Wiggins, 1975 : NA (United States of America)

*Neothremma didactyla* HH Ross, 1949 : NA (United States of America)

Syn.: *Neothremma galena* DG Denning, 1949

*Neothremma genella* DG Denning, 1966 : NA (United States of America)

*Neothremma mucronata* GB Wiggins & RW Wisseman, 1992 : NA (United States of America)

*Neothremma prolata* GB Wiggins & RW Wisseman, 1992 : NA (United States of America)

*Neothremma siskiyou* DG Denning, 1975 : NA (United States of America)

### ***Neotrichia* KJ Morton, 1905**

*Neotrichia abbreviata* OS Flint, 1983 : NT (Brazil)

*Neotrichia abbreviatoides* EB Angrisano, 1995 : NT (Uruguay)

*Neotrichia aequispina* EB Angrisano, 1995 : NT (Uruguay)

*Neotrichia alabamensis* RW Kelley & SC Harris, 1983 : NA (Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 34-36, f 11-12 United States of America)

*Neotrichia alata* OS Flint, 1968 : NT (Jamaica)

*Neotrichia amplexor* AC Keth, 2004 : NT (Holotype--Male: Mexico, Tabasco, Teapa, Grutas de Colona, Rio Puyacatengo, March 7, 1988, Barba and Barrera; United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Tabasco))

*Neotrichia amplio* AC Keth, 2004 : NT (Holotype--Male: Belize, Orange Walk District, New River Lagoon, dock area at Lamanai Ruins, January 9, 1998, LJ Davenport; United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Belize)

*Neotrichia anahua* (ME Mosely, 1937) : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Chiapas))

*Exitrichia anahua* ME Mosely, 1937

*Neotrichia angulata* OS Flint, 1983 : NT (Uruguay)

*Neotrichia arista* SC Harris, 1990 : NT (Venezuela)

*Neotrichia arkansasensis* ML Mathis & DE Bowles, 1990 : NA (United States of America)

*Neotrichia armata* L Botosaneanu, 1993 : NT (Tobago)

*Neotrichia armitagei* SC Harris, 1991 : NA (Male redescribed by SC Harris & AC Keth, 2002, Entomol News 113(2): 73, f 2A-D

Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 30-32, f 7-8 United States of America)

*Neotrichia baritu* EB Angrisano, 1984 : NT (Argentina)

*Neotrichia bifida* OS Flint, 1974 : NT (Surinam)

*Neotrichia bifurcata* SC Harris, 2004 : NT (Male described originally, near *Neotrichia gotera* OS Flint, 1983, from the Dominican Republic (Pedernales) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, Rio Mulito, 13 km N Pedernales, 18°09'N, 71°46'W, 230 m, 17 July 1992, J Rawlins, C Young, S Thompson, J Davidson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Neotrichia biuncifera* OS Flint, 1974 : NT (Surinam)  
*Neotrichia blinni* D Ruiter, 2007 : NA (Male described originally in the *Neotrichia vibrans* Group  
 Holotype--Male; UNITED STATES OF AMERICA: Arizona, Cochise County, light trap, South Fork  
 Cave Creek, DW Blinn, 27-ix-2003; in ethanol; deposited in the United States United States of  
 America)  
*Neotrichia botonia* SC Harris, 1990 : NT (Venezuela)  
*Neotrichia brevispina* OS Flint, 1983 : NT (Argentina)  
*Neotrichia browni* SC Harris, 1990 : NT (Venezuela)  
*Neotrichia bullata* OS Flint, 1974 : NT (Surinam)  
*Neotrichia camera* (ME Mosely, 1937) : NT (Mexico (Guerrero))  
*Guerrotrichia camera* ME Mosely, 1937  
*Neotrichia canixa* (ME Mosely, 1937) : NT (Mexico (Chiapas))  
*Dolotrichia canixa* ME Mosely, 1937  
*Neotrichia caxima* (ME Mosely, 1937) : NA, NT (Mexico (Guerrero))  
*Guerrotrichia caxima* ME Mosely, 1937  
*Neotrichia cayada* SC Harris & LJ Davenport, 1992 : NT (Venezuela)  
*Neotrichia chana* EB Angrisano, 1995 : NT (Uruguay)  
*Neotrichia charrua* EB Angrisano, 1984 : NT (Argentina)  
*Neotrichia chilensis* OS Flint, 1983 : NT (Chile)  
*Neotrichia collata* KJ Morton, 1905 : NA (United States of America)  
*Neotrichia colmillosa* SC Harris, 1990 : NT (Venezuela)  
*Neotrichia colombiensis* SC Harris, 1990 : NT (Colombia)  
*Neotrichia corniculans* OS Flint, 1968 : NT (Dominica)  
*Neotrichia cuernuda* SC Harris, 1990 : NT (Venezuela)  
*Neotrichia delgadeza* SC Harris & LJ Davenport, 1992 : NT (Ecuador)  
*Neotrichia dintera* SC Harris, 1990 : NT (Venezuela)  
*Neotrichia digitata* (ME Mosely, 1937) : NT (Mexico (Guerrero))  
*Exitrichia digitata* ME Mosely, 1937  
*Neotrichia dikeros* OS Flint, 1983 : NT (Argentina)  
*Neotrichia downsi* DE Ruiter, 1990 : NA (United States of America)  
*Neotrichia dracanamalama* SC Harris & AK Rasmussen, 2010 : NA (Male and female described  
 originally in the *Neotrichia caxima* Group near *Neotrichia mentonensis* Frazer and SC Harris  
 Holotype--Male; UNITED STATES OF AMERICA: Virginia, Middlesex County, Dragon Run  
 Swamp, Rt 603, 3 mi S Warner, 37.380\*N, 076.418\*W, 10-vi-2005, CM and OS Flint, Jr; deposited in  
 the United States National Museum of Natural History, Smithsonian Institution, Washington, District  
 of Columbia, United States of America United States of America)  
*Neotrichia dubitans* (ME Mosely, 1939) : NT (Brazil)  
*Dolotrichia dubitans* ME Mosely, 1939  
*Neotrichia durior* OS Flint, 1983 : NT (Brazil)  
*Neotrichia edalis* HH Ross, 1941 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW  
 Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)  
*Neotrichia elongata* OS Flint, 1983 : NT (Argentina)  
*Neotrichia eroga* (ME Mosely, 1937) : NT (Mexico (Guerrero))  
*Exitrichia eroga* ME Mosely, 1937  
*Neotrichia ersitis* DG Denning, 1948 : NA (Canada)  
*Neotrichia esmalda* (ME Mosely, 1937) : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo,  
 J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico  
 (Chiapas))  
*Exitrichia esmalda* ME Mosely, 1937  
*Neotrichia exicoma* (ME Mosely, 1937) : NT (Mexico (Chiapas))  
*Exitrichia exicoma* ME Mosely, 1937  
*Neotrichia falca* HH Ross, 1938 : NA (Male and female redescribed in the *Neotrichia caxima* Group by  
 SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 28, f 3-4 United States of America)  
*Neotrichia falcifera* OS Flint, 1974 : NT (Surinam)  
*Neotrichia filifera* OS Flint, 1983 : NT (Uruguay)  
*Neotrichia flowersi* SC Harris, 1990 : NT (Panama)  
*Neotrichia garra* AC Keth, 2004 : NT (Holotype--Male: Belize, Orange Walk District, New River  
 Lagoon, dock area at Lamanai Ruins, January 9, 1998, LJ Davenport; United States National Museum  
 of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of

America Belize)

*Neotrichia gotera* OS Flint, 1983 : NT (Argentina)

*Neotrichia halia* DG Denning, 1948 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

Syn.: *Neotrichia numii* HH Ross, 1948

*Neotrichia heleios* OS Flint, 1968 : NT (Jamaica)

*Neotrichia hiaspa* (ME Mosely, 1937) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Lorotrichia hiaspa* ME Mosely, 1937

*Neotrichia interrupta* OS Flint, 1974 : NT (Surinam)

*Neotrichia iridescens* OS Flint, 1964 : NT (Male, female, larva, and case described originally

Known from Cuba, Jamaica, Hispaniola (Dominican Republic: Independencia, Pedernales, Azua, El Seibo, La Altagracia, Monsenor Nouel, Puerto Plata), Puerto Rico, Guadeloupe, Dominica, St Lucia, Martinique OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 34

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 42 Puerto Rico)

*Neotrichia jarochita* J Bueno-Soria, 1999 : NT (Mexico (Veracruz))

*Neotrichia juani* SC Harris & SG Tiemann, 1993 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Neotrichia juntada* SC Harris & LJ Davenport, 1992 : NT (Peru)

*Neotrichia kitae* HH Ross, 1941 : NA (United States of America)

*Neotrichia lacertina* L Botosaneanu, 1994 : NT (Male redescribed and female described by L Botosaneanu, 2000, Ann Limnol 36(4): 259, f 15-17

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 42, 44 Guadeloupe)

*Neotrichia lobata* OS Flint, 1974 : NT (Surinam)

*Neotrichia longissima* OS Flint, 1983 : NT (Brazil)

*Neotrichia lucrecia* EB Angrisano, 1995 : NT (Uruguay)

*Neotrichia malickyi* SC Harris & SG Tiemann, 1993 : NT (Panama)

*Neotrichia margaritena* L Botosaneanu, 2002 : NT (Male and female described in the *Neotrichia biuncifera* Group originally Holotype--Male; Venezuela: Isla de Margarita, Rio San Juan at fuentidueno, 31-05-2000, at light; preserved in alcohol; deposited in the Zoologisch Museum, University of Amsterdam, Amsterdam, The Netherlands Venezuela (Isla de Margarita))

*Neotrichia maria* J Bueno-Soria & SW Hamilton, 1986 : NT (Mexico (Oaxaca))

*Neotrichia mathisi* AC Keth, 2004 : NT (Holotype--Male; Belize, Orange Walk District, New River Lagoon, dock area at Lamanai Ruins, January 9, 1998, LJ Davenport; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Belize)

*Neotrichia mentonensis* KS Frazer & SC Harris, 1991 : NA (Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 40-41, f 15-16 United States of America)

*Neotrichia minutisimella* (VT Chambers, 1873) : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 North America)

*Cyellene minutisimella* VT Chambers, 1873

*Neotrichia mobilensis* SC Harris, 1985 : NA (Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 26-27, f 1-2 United States of America)

*Neotrichia napoensis* SC Harris & LJ Davenport, 1992 : NT (Ecuador)

*Neotrichia negroensis* SC Harris, 1990 : NT (Venezuela)

*Neotrichia nesioties* OS Flint & JL Sykora, 1993 : NT (Grenada)

*Neotrichia noteuna* (ME Mosely, 1939) : NT (Brazil)

*Exitrichia noteuna* ME Mosely, 1939

*Neotrichia novara* (ME Mosely, 1939) : NT (Brazil)

*Exitrichia novara* ME Mosely, 1939  
*Neotrichia okopa* HH Ross, 1939 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Neotrichia olorina* (ME Mosely, 1937) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from United States of America (Arizona) by DW Blinn & DE Ruiter, 2009, Western North American Naturalist 69(3): 305 Mexico (Guerrero))

*Exitrichia olorina* ME Mosely, 1937

*Neotrichia orejona* SC Harris & LJ Davenport, 1999 : NT (Peru)

*Neotrichia osmena* HH Ross, 1944 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

Syn.: *Neotrichia panneus* DG Denning, 1948

*Neotrichia ovona* (ME Mosely, 1939) : NT (Brazil)

*Exitrichia ovona* ME Mosely, 1939

*Neotrichia oxima* (ME Mosely, 1937) : NT (Mexico (Guerrero))

*Exitrichia oxima* ME Mosely, 1937

*Neotrichia palma* OS Flint, 1982 : NT (Argentina)

*Neotrichia pequenIta* L Botosaneanu, 1977 : NT (Male described originally

Known from Cuba, Jamaica, Haiti, Barbados, Trinidad, and Dominican Republic (Independencia, La Altagracia, Monsenor Nouel, Monte Cristi), with *Neotrichia* species 1 K Kumanski, 1987, Acta Zool Bulgarica 34: 23 a synonym according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 36 Cuba)

*Neotrichia picada* OS Flint, 1983 : NT (Uruguay)

*Neotrichia pinarenia* L Botosaneanu, 1980 : NT (Cuba)

*Neotrichia proboscidea* OS Flint, 1974 : NT (Surinam)

*Neotrichia pulgara* AC Keth, 2004 : NT (Holotype--Male: Belize, Orange Walk District, New River Lagoon, dock area at Lamanai Ruins, January 9, 1998, LJ Davenport; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Belize)

*Neotrichia rasmusseni* SC Harris & AC Keth, 2002 : NA (Male described originally

Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 32-34, f 9-10 Holotype--Male; USA: Florida, Suwannee County, Santa Fe River at Hwy 129, 20 November 1996, A Rasmussen; deposited in the US National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America (Florida))

*Neotrichia riegei* HH Ross, 1941 : NA (Male and female redescribed in the *Neotrichia caxima* Group by SC Harris & AK Rasmussen, 2010, Zootaxa 2608: 29-30, f 5-6 United States of America)

*Neotrichia riparia* OS Flint & L Reyes-Arrunategui, 1991 : NT (Peru)

*Neotrichia rotundata* OS Flint, 1974 : NT (Surinam)

*Neotrichia sala* EB Angrisano, 1984 : NT (Argentina)

*Neotrichia salada* OS Flint, 1982 : NT (Argentina)

*Neotrichia sandyae* D Ruiter, 2007 : NA (Male described originally in the *Neotrichia canixa* Group Holotype--Male; UNITED STATES OF AMERICA: Arizona, Cochise County, light trap, South Fork Cave Creek, Chris O'Brien, 24-vii-2004; in EtOH; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Neotrichia sepulga* SC Harris, 1991 : NA (United States of America)

*Neotrichia sicilicula* OS Flint, 1983 : NT (Brazil)

*Neotrichia soleiferrea* L Botosaneanu, 1998 : NT (Jamaica)

*Neotrichia sonora* HH Ross, 1944 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Neotrichia sucusaria* SC Harris & LJ Davenport, 1992 : NT (Peru)  
*Neotrichia tauricornis* H Malicky, 1980 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 44 Guadeloupe Island)  
*Neotrichia tertia* (ME Mosely, 1939) : NT (Brazil)  
*Exitrichia tertia* ME Mosely, 1939  
*Neotrichia teutonia* OS Flint, 1983 : NT (Brazil)  
*Neotrichia tirabuzona* SC Harris & LJ Davenport, 1999 : NT (Peru)  
*Neotrichia tubulifera* OS Flint, 1980 : NT (Argentina)  
*Neotrichia tuxtla* J Bueno-Soria, 1999 : NT (Mexico (Veracruz))  
*Neotrichia unamas* L Botosaneanu, 1993 : NT (Tobago)  
*Neotrichia unispina* OS Flint, 1974 : NT (Surinam)  
*Neotrichia vibrans* HH Ross, 1938 : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)  
Syn.: *Neotrichia ranea* DG Denning, 1947  
*Neotrichia xicana* (ME Mosely, 1937) : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 Mexico (Chiapas))

*Dolotrichia xicana* ME Mosely, 1937  
*Neotrichia yagua* SC Harris & LJ Davenport, 1992 : NT (Peru)  
*Neotrichia yanomonoa* SC Harris & LJ Davenport, 1992 : NT (Peru)  
*Neotrichia yavesia* J Bueno-Soria, 2010 : NT (Male described originally near *Neotrichia oxima* (ME Mosely) Holotype--Male; MEXICO: Oaxaca, Santa Maria de Yavesia, 17°14'04.76"N, 096°25'35.06"W, el 2058 m, 16-iii-2001, J Bueno, R Barba, A Ibarra; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca))

#### ***Nepaloptila* DE Kimmins, 1964**

*Nepaloptila coei* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)  
*Nepaloptila jisunted* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Nepaloptila kanikar* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)  
*Nepaloptila ruangjod* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

#### ***Nerophilus* N Banks, 1899**

*Nerophilus californicus* (HA Hagen, 1861) : NA (United States of America)  
*Silo californicus* HA Hagen, 1861  
Syn.: *Nerophilus oregonensis* N Banks, 1899

#### ***Neucentropus* AV Martynov, 1907**

*Neucentropus japonicus* (M Tsuda, 1942) (A synonym of *Neureclipsis mandjuricus* AV Martynov according to TI Arefina, 1997, in PA Ler, Key Ins Russ Far East 5: 73, and according to K Tanida, M Nishino, & M Uenishi, 1999, P Internatn Symp Trich 9: 393, but not a synonym according to YJ Li, JC Morse, and P Wang, 1998, P ent Soc Washington 100: 670-671

Redescribed by YJ Li, JC Morse, & P Wang, 1998, P Entomol Soc Washington 100: 670 Japan)

*Kyopsyche japonicus* M Tsuda, 1942  
*Neucentropus mandjuricus* AV Martynov, 1907 (Redescribed by YJ Li, JC Morse, & P Wang, 1998, P Entomol Soc Washington 100: 670

*Kyopsyche japonica* M Tsuda, 1942, is a synonym according to TI Arefina, 1997, in PA Ler, Key Ins Russ Far East 5: 73, and according to K Tanida, M Nishino, & M Uenishi, 1999, P Internatn Symp Trich 9: 393, but not a synonym according to YJ Li, JC Morse, and P Wang, 1998, P ent Soc Washington 100: 670-671

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 9 China (Manchuria)  
Syn.: *Neureclipsis mongolica* F Schmid, 1968

***Neureclipsis* R McLachlan, 1864**

*Neureclipsis bimaculata* (C Linnaeus, 1758) : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Larval anal proleg and abdominal segment IX illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 63

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 206

Probable pheromones in sternum V glands detected by J Bergmann, C Loefstedt, VD Ivanov, W Francke, 2002, *Proc Internatn Symp Trich* 10: 37-46

Reported from Austria by W Graf & G Hutter, 2004, *Vorarlberger Naturschau Forschen und Entdecken* 14: 143-152

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, *Lauterbornia* 54: 115-122

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, *Lauterbornia* 56: 155-167

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Sweden)

*Phryganea bimaculata* C Linnaeus, 1758

Syn.: *Anticyra? robusta* F Walker, 1852

Syn.: *Philopotamus variegatus* , 1884

Syn.: *Phryganea noctuaeformis* F von Paula Schrank, 1802

Syn.: *Phryganea tigurinensis* JC Fabricius, 1798

Syn.: *Polycentropus concolor* H Burmeister, 1839

*Neureclipsis crepuscularis* (F Walker, 1852) : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 Canada)

*Brachycentrus crepuscularis* F Walker, 1852

Syn.: *Neureclipsis parvula* Banks, 1907

*Neureclipsis kyotoensis* M Iwata, 1927 (Japan)

*Neureclipsis melco* HH Ross, 1947 : NA (United States of America)

*Neureclipsis napaea* A Neboiss, 1986 : AU (Australia)

*Neureclipsis parvula* N Banks, 1907 : NA (United States of America)

*Neureclipsis piersoni* KS Frazer & SC Harris, 1991 : NA (United States of America)

*Neureclipsis valida* (F Walker, 1852) : NA (United States of America)  
*Polycentropus valida* F Walker, 1852  
Syn.: *Hydropsyche dubitans* F Walker, 1852  
Syn.: *Polycentropus signatus* N Banks, 1897

***Neurocentropus* L Navas, 1918**

***Neurochorema* RJ Tillyard, 1924**

*Neurochorema armstrongi* AG McFarlane, 1951 : AU (New Zealand)  
*Neurochorema confusum* (R McLachlan, 1868) : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)  
*Psilochorema confusum* R McLachlan, 1868  
Syn.: *Neurochorema decussatum* RJ Tillyard, 1924  
*Neurochorema forsteri* AG McFarlane, 1964 : AU (Lectotype designated by JB Ward, 1999, Rec Canterbury Mus 13: 81 New Zealand)  
*Neurochorema pilosum* AG McFarlane, 1964 : AU (New Zealand)

***Neurocyta* L Navas, 1916**

*Neurocyta arenata* L Navas, 1916 : OL (India)  
*Neurocyta brunnea* (AV Martynov, 1930) : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 497 China (Tibet))  
*Oopterygia brunnea* AV Martynov, 1930  
*Neurocyta drukpa* F Schmid, 1975 : OL (Bhutan)  
*Neurocyta minor* (ME Mosely, 1935) : OL (Myanmar)  
*Oopterygia minor* ME Mosely, 1935

***Nietnerella* DE Kimmins, 1963**

*Nietnerella hageni* DE Kimmins, 1963 : OL (Sri Lanka)

***Nippoberaea* L Botosaneanu, T Nozaki, & T Kagaya, 1995**

*Nippoberaea gracilis* (T Nozaki & T Kagaya, 1994) (Japan)  
*Ernodes gracilis* T Nozaki & T Kagaya, 1994

***Niuginitrichia* A Wells, 1990**

*Niuginitrichia arakain* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia bomberi* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia brukimnamel* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia bukamak* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia eiloga* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia ismayi* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia kurukut* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia namelbanis* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia peregai* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia rouna* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia sapimarer* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia sulawesica* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))  
*Niuginitrichia ukarumpa* A Wells, 1990 : AU (Papua New Guinea)  
*Niuginitrichia umboina* A Wells, 1990 : AU (Papua New Guinea)

***Nolganema* L Navas, 1934**

*Nolganema chilense* L Navas, 1934 : NT (Chile)

***Notalina* ME Mosely, 1936**

**subgenus *Neonotalina* RW Holzenthal, 1986**

*Notalina (Neonotalina) brasiliانا* RW Holzenthal, 1986 : NT (Additional records in Brazil provided by AR Calor, RW Holzenthal, & DS Amorim, 2006, Zootaxa 1131: 41 Brazil)

*Notalina (Neonotalina) cipo* RW Holzenthal, 1986 : NT (Additional records in Brazil provided by AR Calor, RW Holzenthal, & DS Amorim, 2006, Zootaxa 1131: 41 Brazil)

*Notalina (Neonotalina) froehlichii* AR Calor & RW Holzenthal, 2006 : NT (Male described originally in the *Notalina brasiliانا* Group Holotype--Male; BRAZIL: Minas Gerais, Rio Caraca, near Santa Barbara, 20°01'22"S, 043°28'45"W, 728 m, 9-xi-2001, Holzenthal, Amarante, Blahnik, & Paprocki; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Brazil)

*Notalina (Neonotalina) goianensis* AR Calor, 2008 : NT (Described originally in the *Notalina (Neonotalina) brasiliانا* Species Group Brazil)

*Notalina (Neonotalina) hamiltoni* RW Holzenthal, 1986 : NT (Additional records in Brazil provided by AR Calor, RW Holzenthal, & DS Amorim, 2006, Zootaxa 1131: 41-42 Brazil)

*Notalina (Neonotalina) matthiasi* RW Holzenthal, 1986 : NT (Colombia)

*Notalina (Neonotalina) morsei* RW Holzenthal, 1986 : NT (Additional records in Brazil provided by AR Calor, RW Holzenthal, & DS Amorim, 2006, Zootaxa 1131: 42)

Larva and pupa described by AR Calor & CG Froehlich, Zootaxa, 1779: 46-50, f 1-3 Brazil)

*Notalina (Neonotalina) nanay* RW Holzenthal, 1986 : NT (Peru)

*Notalina (Neonotalina) paulista* AR Calor & RW Holzenthal, 2006 : NT (Male described originally in the *Notalina brasiliانا* Group Holotype--Male; BRAZIL: Sao Paulo, Cachoeira do Paredao, Lajeado, Serra da Bocaina, 22°43'32"S, 044°37'16"W, 1550 m, 1-2-iii-2002, Holzenthal, Blahnik, Paprocki, & Prather; UMSPO00200915; deposited in the Museu de Zoologia da Universidade de Sao Paulo, Brazil Brazil)

*Notalina (Neonotalina) roraima* RW Holzenthal, 1986 : NT (Venezuela)

**subgenus *Notalina* ME Mosely, 1936**

*Notalina (Notalina) arena* R StClair, 1991 : AU (Australia)

*Notalina (Notalina) bifaria* A Neboiss, 1977 : AU (Australia)

*Notalina (Notalina) delicatula* (G Ulmer, 1907) : AU (The species name was made available in 1907 without verbal description but with illustrations of male forewing and female wings; it was described more fully by G Ulmer, 1908, Die Fauna suedwest-australiens 2(3))

Male lectotype designated and re-described by HH Ross and JC Morse, 1975, Entomologische Mitteilungen aus dem Zoologischen Museum, Hamburg 4:575-578 Australia)

*Triplectides delicatula* G Ulmer, 1907

*Notalina (Notalina) dwellinga* A Neboiss, 1982 : AU (Australia)

*Notalina (Notalina) flava* (G Ulmer, 1908) : AU (The species name was first mentioned by G Ulmer, 1907, Gen Ins 60: 131, but without description, definition, or indication, and was therefore a nomen nudum (International Code of Zoological Nomenclature Article 12.1) until it was made available in 1908)

Male lectotype designated and re-described by HH Ross and JC Morse, 1975, Entomologische Mitteilungen aus dem Zoologischen Museum, Hamburg 4:575-578 Australia)

*Triplectides flava* G Ulmer, 1908

*Notalina (Notalina) fulva* DE Kimmins, 1953 : AU (Australia)

*Notalina (Notalina) gungarra* A Neboiss, 1984 : AU (Australia)

*Notalina (Notalina) moselyi* DE Kimmins, 1953 : AU (Australia)

*Notalina (Notalina) nigra* (ME Mosely, 1953) : AU (Australia)

*Triplexina nigra* ME Mosely, 1953

*Notalina (Notalina) ordina* R StClair, 1991 : AU (Australia)

*Notalina (Notalina) parkeri* ME Mosely, 1936 : AU (Australia)

*Notalina (Notalina) pseudodelicata* A Neboiss, 1982 : AU (Australia)

*Notalina (Notalina) salina* R StClair, 1991 : AU (Australia)

*Notalina (Notalina) spira* R StClair, 1991 : AU (Australia)

*Notalina (Notalina) tillyardi* DE Kimmins, 1953 : AU (Australia)



### ***Notania* ME Mosely, 1950**

- Notania adhanya* F Schmid, 1968 : OL (India)  
*Notania brunnea* ME Mosely, 1950 : OL (India)  
*Notania itarichta* F Schmid, 1968 : OL (India)  
*Notania kricha* F Schmid, 1968 : OL (India)  
*Notania penicillata* DE Kimmins, 1950 : OL (Myanmar)

### ***Nothopsyche* N Banks, 1906**

- Nothopsyche apicalis* G Ulmer, 1932 (Bibliography and doubtful distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200;

Japanese record probably based on misidentification according to T Nozaki, 2002, *Entomol Sci* 5(1): 123 China (Beijing))

*Nothopsyche bicolorata* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Nothopsyche bilobata* SJ Park & YJ Bae, 2000 (Male described originally Holotype--Male; Republic of Korea: "GN," Geochang, Yongchugyegog, 24 Oct 1998, SJ Park, YJ Bae, YH Jin, at light; deposited in Seoul Women's University Insect Collection, Seoul, Republic of Korea Republic of Korea)

*Nothopsyche dentinosa* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Nothopsyche intermedia* AV Martynov, 1930 : OL (China (Shenxi))

Syn.: *Dicosmoecus fulvicollis* KH Forsslund, 1935

*Nothopsyche lanuginosa* (R McLachlan, 1871) : OL (Female redescribed by W Mey & L Yang, 2001, *Entomol Zeitschr* 111(3): 86, f 24-26 Holotype is a female according to W Mey & L Yang, 2001, *Entomol Zeitschr* 111(3): 86 China (Jiangsu))

*Platyphylax lanuginosa* R McLachlan, 1871

*Nothopsyche longicornis* W Nakahara, 1914 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200;

Life history described (as *Nothopsyche babai*) by K Aoya & T Nozaki, 2001, *Jap J Limnol* 62(1): 23-39

Male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 116-118 Japan)

Syn.: *Nothopsyche babai* M Kobayashi, 1968

*Nothopsyche montivaga* T Nozaki, 1999 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200;

Male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 121-123

Life history described by T Nozaki, 2008, *Nature and Insects* 43(3): 4-7

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Nothopsyche muqua* H Malicky & P Chantaramongkol, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Thailand)

*Nothopsyche nigripes* AV Martynov, 1914 (Described originally as *Nothopsyche ruficollis nigripes*

Larva, pupa, female described, male redescribed from Korea, with biological notes by T Nozaki, TS Vshivkova, & T Ito, 2006, *Biol Inland Waters Suppl* 1: 49-55 Russia (southeastern Siberia))

*Nothopsyche nigropedaria* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Vietnam)

*Nothopsyche nozakii* L-F Yang & K-M Leng, 2004 : OL (Male described originally near *Nothopsyche muqua* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Zhejiang Province, Anji County, Mt Longwang, 660 m, 18-x-1995, coll WANG B-X; deposited in the Insect Collection of the Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Nothopsyche pallipes* N Banks, 1906 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200;

Male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 106-110

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 holotype in Museum of Comparative Zoology, Harvard, according to T Nozaki, 1994, *Jap J Entomol* 62: 433-443 and T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201 Japan)

Syn.: *Platyphylax fulvipes* AV Martynov, 1930  
*Nothopsyche rhombifera* AV Martynov, 1931 : OL (China (Sichuan))  
*Nothopsyche ruficollis* (G Ulmer, 1905) (Culture of larvae by T Nozaki & T Shimada, 1996, *Kanagawa Envir Res Ctr* 21(2): 91-95;

Nectar feeding, longevity, mating & oviposition relations by T Nozaki & T Shimada, 1997, *P Internatn Symp Trich* 8: 379-386;

Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 200-201;

Acute toxicity testing with this species described by T Shimada & T Nozaki, 2000, *Jap J Environ Toxicol* 3(2): 39-46;

Male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 113-116;

Toxicity testing described by T Nozaki, 2003, in *The Japanese Society of Environmental Toxicology* (ed), *Handbook of Ecological Effect Test*, p 150-153

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

*Chilostigma ruficollis* G Ulmer, 1905  
*Nothopsyche speciosa* M Kobayashi, 1959 (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201;

male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 111-113 Japan)  
*Nothopsyche ulmeri* F Schmid, 1952 (a synonym of *Nothopsyche pallipes* according to W Mey, 1996, *Entomol Problems* 27:99-109, but not according to T Nozaki, 1994, *Jap J Entomol* 62: 433-443;

bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201;

male and female described by T Nozaki, 2002, *Entomol Sci* 5(1): 110-111

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, *Proceedings of the 6th International Conference on Urban Pests*, pp 259-266 holotype in Zoologisches Institut und Zoologisches Museum, Universitaet Hamburg, according to T Nozaki, 1994, *Jap J Entomol* 62: 433-443 and T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201 Japan)

*Nothopsyche yamagataensis* M Kobayashi, 1973 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201;

Male and female and larva described by T Nozaki, 2002, *Entomol Sci* 5(1): 118-121

Life history described by T Nozaki, 2008, *Nature and Insects* 43(3): 4-7 Japan)  
*Nothopsyche yokouchii* M Iwata, 1928 (a synonym of *Nothopsyche pallipes* according to K Tanida, 1982, *Ozegahara*: 360, but species status needing clarification according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 201;

redescribed by K Tanida, 1985, in T Kwai, Illus Book Aq Ins Japan, p 167-215, but that redescription inadequate for diagnosis according to T Nozaki, 1994, Jap J Entomol 62: 433-443;

bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 201 Japan)

### ***Nothotrichia* OS Flint, 1967**

*Nothotrichia cautinensis* OS Flint, 1983 : NT (Redescribed by SC Harris & BJ Armitage, 1997, P Internatn Symp Trich 8: 125 Chile)

*Nothotrichia illiesi* OS Flint, 1967 : NT (Redescribed by SC Harris & BJ Armitage, 1997, P Internatn Symp Trich 8: 124 Chile)

*Nothotrichia munozi* RW Holzenthal & SC Harris, 2002 : NT (Costa Rica)

*Nothotrichia shasta* SC Harris & BJ Armitage, 1997 : NA (Male described originally Holotype--male; United States of America: California, Shasta County, Castle Creek, 0.2 km W Castle Crag State Park on Castle Creek Road, 31.ix.1990, BJ Armitage, UV light trap; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Nothotrichia tupi* RW Holzenthal & SC Harris, 2002 : NT (Brazil)

### ***Notidobia* JF Stephens, 1829**

*Notidobia bizensis* H Malicky & F Sipahiler, 1993 (Albania)

*Notidobia ciliaris* (C Linnaeus, 1761) (Larval head and pronotum illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 121-122

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 267

Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), Gortania 26: 257

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea ciliaris* C Linnaeus, 1761

Syn.: *Phryganea atra* AF Fourcroy, 1785

Syn.: *Phryganea atrata* JC Fabricius, 1793

*Notidobia demelti* H Malicky, 1974 (Turkey)

*Notidobia forsteri* H Malicky, 1974 ("Borsham" (= Borzhomi, Georgia?))

*Notidobia kumbetensis* F Sipahiler, 2008 (Male and female described originally near *Notidobia demelti* H Malicky Holotype--Male; TURKEY: Giresun, Kuembet Yaylasi, 1600 m, 5-vii-2007, leg and coll Sipahiler; deposited in the F Sipahiler Collection, Kuecuekesat (Ankara), Turkey Turkey)

*Notidobia melanoptera* JPEF Stein, 1863 (Greece)

*Notidobia nekibe* F Klapalek, 1903 (Greece (Ioannina))

Syn.: *Notidobia albanica* , 1969

*Notidobia sagarra* (L Navas, 1917) (Spain)

*Cunia sagarra* L Navas, 1917

Syn.: *Cunia eugenii* L Navas, 1917

*Notidobia salihli* H Malicky & F Sipahiler, 1993 (Turkey)

### ***Notidobiella* F Schmid, 1955**

*Notidobiella chacayana* F Schmid, 1957 : NT (Chile)

*Notidobiella inermis* OS Flint, 1983 : NT (Chile)

*Notidobiella parallelipipeda* F Schmid, 1955 : NT (Chile)

### ***Notoernodes* T Andersen & J Kjaerandsen, 1997**

*Notoernodes inornatus* T Andersen & J Kjaerandsen, 1997 : AT (Tanzania)

*Notoernodes stoltzei* KA Johanson, 2004 : AT (Male and larva described originally Holotype--Pharate Male; TANZANIA: Uzungwa Mountains, Mwanihani Forest, above Sanje, 700 m, 10-ix-1984, M

Stoltze and GI Petersen; in alcohol; deposited in the Zoological Museum, Copenhagen, Denmark  
Tanzania)

### ***Notoperata* A Neboiss, 1977**

*Notoperata diversa* A Neboiss, 1982 : AU (Australia)

*Notoperata maculata* (ME Mosely, 1953) : AU (Australia)

*Hudsonema maculata* ME Mosely, 1953

Syn.: *Triplexina lobata* S Jacquemart, 1965

*Notoperata sparsa* (DE Kimmins, 1953) : AU (Australia)

*Hudsonema sparsa* DE Kimmins, 1953

*Notoperata syncope* A Neboiss, 1982 : AU (Australia)

*Notoperata tenax* A Neboiss, 1982 : AU (Larva described by RM St Clair, 2002, Records of the  
Western Australian Museum 21(2): 114, figs Australia)

### ***Nyctiophylax* F Brauer, 1865**

#### **subgenus *Nyctiophylax* F Brauer, 1865**

*Nyctiophylax (Nyctiophylax) abruptus* N Banks, 1913 : OL (India)

*Nyctiophylax (Nyctiophylax) amphonion* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Nyctiophylax (Nyctiophylax) angarensis* AV Martynov, 1910 (Female genitalia illustrated by K  
Kumanski, 1992, Ins Koreana 9: 64, f 42-43 Russia (central Siberia))

*Nyctiophylax (Nyctiophylax) argentinus* L Navas, 1929 : NT ([a lapsus for *Nyctiophylax muhnianus*  
according to RW Holzenthal, 1996, personal communication] Argentina)

*Nyctiophylax (Nyctiophylax) asnat* H Malicky, 2008 : OL (Male described originally near  
*Nyctiophylax amphonion* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Na Hang  
(160 km NWW Hanoi), 150-200 m, 26-v-14-vi-1996, leg A Napolov & I Roma; deposited in the H  
Malicky Collection, Lunz am See, Austria Vietnam)

*Nyctiophylax (Nyctiophylax) catunujah* J Olah & KA Johanson, 2010 : OL (Male described originally  
near *Nyctiophylax archemoros* H Malicky Holotype--Male; MYANMAR: North East, Kambaiti, 7000  
ft, 30-iv-1934, Malaise trap [R Malaise]; deposited in The Natural History Museum, London, United  
Kingdom Myanmar)

*Nyctiophylax (Nyctiophylax) curtius* H Malicky & P Chantaramongkol, 2000 : OL (Holotype--XXX?;  
THAILAND: Pu Kradung National Park Thailand)

*Nyctiophylax (Nyctiophylax) hittigegamus* (F Schmid, 1958) : OL (Transferred from *Nyctiophylax* to  
*Cynopsis* by J Olah & KA Johanson, 2010, Zootaxa 2435: 53 Sri Lanka)

*Nyctiophylax hittigegamus* F Schmid, 1958

*Nyctiophylax (Nyctiophylax) hotay* J Olah & KA Johanson, 2010 : OL (Male described originally near  
*Nyctiophylax sinensis* F Brauer Holotype--Male; VIETNAM: Hanoi, West Lake, 28-x-1986, light [J  
Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural  
History Museum, Hungary China (Jiangsu))

*Nyctiophylax (Nyctiophylax) khaoyaiensis* H Malicky & P Chantaramongkol, 1993 : OL (  
Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27

In *Nyctiophylax (Nyctiophylax)* according to J Olah & KA Johanson, 2010, Zootaxa 2618: 17  
Thailand)

*Nyctiophylax (Nyctiophylax) muhnianus* L Navas, 1920 : NT (Argentina)

*Nyctiophylax (Nyctiophylax) naggai* H Malicky, 1993 : OL (Myanmar)

*Nyctiophylax (Nyctiophylax) neotropicalis* OS Flint, 1971 : NT (Colombia)

*Nyctiophylax (Nyctiophylax) occidentalis* G Ulmer, 1904 : AT (French Congo)

*Nyctiophylax (Nyctiophylax) salma* H Malicky & P Chantaramongkol, 1993 : OL (In *Nyctiophylax*  
(*Nyctiophylax*) according to J Olah & KA Johanson, 2010, Zootaxa 2618: 17 Thailand)

*Nyctiophylax (Nyctiophylax) sinensis* F Brauer, 1865 : OL (China (Jiangsu))

*Nyctiophylax (Nyctiophylax) tacuaremba* EB Angrisano, 1994 : NT (Uruguay)

*Nyctiophylax (Nyctiophylax) tangaron* J Olah & KA Johanson, 2010 : OL (Male described originally  
near *Cynopsis hittigegamus* (F Schmid) and *Cynopsis pingensis* Holotype--Male; INDONESIA: East  
Borneo [Kalimantan], Tangaron, [no date, Mjoeberg]; deposited in the Swedish Museum of Natural  
History, Stockholm, Sweden Indonesia (Kalimantan))

*Nyctiophylax (Nyctiophylax) tapan* J Olah & KA Johanson, 2010 : OL (Male described originally near  
*Nyctiophylax (Nyctiophylax) khaoyaiensis* H Malicky & P Chantaramongkol and *Nyctiophylax*

(Nyctiophylax) salma H Malicky & P Chantaramongkol

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, Tapan Road, 1000 m, 10-vii-2008, light trap [J Olah, Jr]; in alcohol; deposited in the J Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Thailand)

**subgenus *Paranyctiophylax* M Tsuda, 1942**

*Nyctiophylax (Paranyctiophylax) abaya* F Schmid, 1958 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Sri Lanka)

*Nyctiophylax (Paranyctiophylax) adaequatus* B Wang & L Yang, 1997 (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 China (Henan))

*Nyctiophylax (Paranyctiophylax) affinis* (N Banks, 1897) : NA (Occurrence in springs and spring-runs on Edwards Plateau, Texas, as *Paranyctiophylax affinis* by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Polycentropus affinis* N Banks, 1897

Syn.: *Nyctiophylax zelenus* DG Denning, 1950

*Nyctiophylax (Paranyctiophylax) africanus* DE Kimmins, 1957 : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Uganda)

*Nyctiophylax (Paranyctiophylax) akastos* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Nyctiophylax (Paranyctiophylax) althaia* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Nyctiophylax (Paranyctiophylax) amaltheia* H Malicky & P Chantaramongkol, 1997 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Thailand)

*Nyctiophylax (Paranyctiophylax) amo* H Malicky, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Myanmar)

*Nyctiophylax (Paranyctiophylax) amykos* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Nepal)

*Nyctiophylax (Paranyctiophylax) anoana* H Malicky, 1994 : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14

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Listed from Papua New Guinea (Bismark Archipelago) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Papua New Guinea (Bismarck Archipelago))

*Nyctiophylax (Paranyctiophylax) anosib* J Olah & KA Johanson, 2010 : AT (Male described originally Holotype--Male; MADAGASCAR: Anosibe, km 57 route, 1955 [R Paulian]; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Nyctiophylax (Paranyctiophylax) anosib* J Olah & KA Johanson : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Madagascar)

*Nyctiophylax (Paranyctiophylax) anryutah* J Olah & KA Johanson, 2010 : OL (Male described originally in the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group near Nyctiophylax archemoros H Malicky

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah, Jr]; in alcohol; deposited in the J Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra)

*Nyctiophylax (Paranyctiophylax) antaios* H Malicky, 1997 : OL (Belonging to the Nyctiophylax

(Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 India (North Andaman Island))  
*Nyctiophylax (Paranyctiophylax) antenor* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Nepal)

*Nyctiophylax (Paranyctiophylax) apicatus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax apicatus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) archemoros* H Malicky, 1999 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) argentensis* H Malicky, 1995 : OL (Reported from Vietnam, as *Paranyctiophylax argentensis*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 1

Reported from Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2435: 45 Vietnam)

*Nyctiophylax (Paranyctiophylax) aristaios* H Malicky, 1999 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) armigera* S Jacquemart, 1961 : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Democratic Republic of the Congo)

*Nyctiophylax (Paranyctiophylax) asuana* (M Kobayashi, 1985) (Transferred from *Plectrocnemia* to Nyctiophylax by A Ohkawa & T Ito, 2007, Limnology 8: 209

Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Japan)

*Plectrocnemia asuana* M Kobayashi, 1985

*Nyctiophylax (Paranyctiophylax) aurorae* FM Gibon, 1986 : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Ghana)

*Nyctiophylax (Paranyctiophylax) banksi* JC Morse, 1972 : NA (Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) barrorum* JC Morse, 1990 : NA (Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) basispinosus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax basispinosus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) brenguesi* FM Gibon, 1986 : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Ghana)

*Nyctiophylax (Paranyctiophylax) buoc* J Olah & KA Johanson, 2010 : OL (Male described originally near *Nyctiophylax kabaensis* (A Neboiss)

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Nyctiophylax (Paranyctiophylax) cascadiensis* H Malicky, 1995 : OL (Reported from Vietnam, as *Paranyctiophylax cascadiensis*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Vietnam)

*Nyctiophylax (Paranyctiophylax) catunujah* J Olah & KA Johanson : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Myanmar)

*Nyctiophylax (Paranyctiophylax) celta* DG Denning, 1948 : NA (Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) chiangmaiensis* H Malicky & P Chantaramongkol, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) cornifera* FM Gibon, 1986 : AT (Belonging to the Nyctiophylax (Paranyctiophylax) africanus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Ivory Coast)

*Nyctiophylax (Paranyctiophylax) denningi* JC Morse, 1972 : NA (Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) devanampriya* F Schmid, 1958 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group, as *Nyctiophylax devanampriya* F Schmid, according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Sri Lanka)

*Nyctiophylax (Paranyctiophylax) dhauli* J Olah & KA Johanson, 2010 : OL (Male described originally near *Nyctiophylax amykos* H Malicky)

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Holotype--Male; INDIA: Orissa State, Bhubaneswar, Dhauli, marshy area, 20-28-ii-1987, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary India)

*Nyctiophylax (Paranyctiophylax) dicellatus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax dicellatus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) digitatus* AV Martynov, 1934 (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Russia (southern Far East))

*Nyctiophylax (Paranyctiophylax) echion* H Malicky & I Thani, 2000 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) eidolonus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax eidolonus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) elongatus* OS Flint, 1974 : NT (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Surinam)

*Nyctiophylax (Paranyctiophylax) esli* H Malicky, 1993 : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 New Guinea)

*Nyctiophylax (Paranyctiophylax) flavus* G Ulmer, 1915 : AU (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 New Guinea)

*Nyctiophylax (Paranyctiophylax) gyratus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Papua New Guinea)

*Paranyctiophylax gyratus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) hjangsanchonus* L Botosaneanu, 1970 ([female genitalia illustrated by K Kumanski, 1992, Ins Koreana 9: 64, f 44-45] Korean People's Democratic Republic)

*Nyctiophylax (Paranyctiophylax) icelus* (A Neboiss, 1994) : OL (Belonging to the Nyctiophylax

(Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Indonesia (Sulawesi))

*Paranyctiophylax icelus* A Neboiss, 1994

*Nyctiophylax* (*Paranyctiophylax*) *kabaensis* (A Neboiss, 1994) : OL (Belonging to the Nyctiophylax (*Paranyctiophylax*) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Indonesia (Sulawesi))

*Paranyctiophylax kabaensis* A Neboiss, 1994

*Nyctiophylax* (*Paranyctiophylax*) *kadowakii* (M Kobayashi, 1987) (Transferred from *Plectrocnemia* to *Nyctiophylax* by A Ohkawa & T Ito, 2007, Limnology 8: 209 Japan)

*Plectrocnemia kadowakii* M Kobayashi, 1987

*Nyctiophylax* (*Paranyctiophylax*) *khaosokensis* H Malicky & P Chantaramongkol, 1993 :

OL (Belonging to the Nyctiophylax (*Paranyctiophylax*) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Thailand)

*Nyctiophylax* (*Paranyctiophylax*) *kilah* J Olah & KA Johanson, 2010 : AT (Male described originally near *Nyctiophylax africanus* DE Kimmins and *Nyctiophylax brenguesi* FM Gibon

Belonging to the Nyctiophylax (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Holotype--Male; MADAGASCAR: Anosibe, "km 57 route," 1955 [R Paulian]; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Nyctiophylax* (*Paranyctiophylax*) *kisoensis* (M Tsuda, 1942) (Male redescribed from Yakushima, Japan, by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 315, f 7 Japan)

*Paranyctiophylax kisoensis* M Tsuda, 1942

*Nyctiophylax* (*Paranyctiophylax*) *kupirah* J Olah & KA Johanson, 2010 : OL (Male described originally in the Nyctiophylax (*Paranyctiophylax*) flavus Diagnostic Species Group near *Nyctiophylax padangensis* H Malicky

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah, Jr]; in alcohol; deposited in the J Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Nyctiophylax* (*Paranyctiophylax*) *lancelot* J Olah & KA Johanson, 2010 : OL (Male described originally near *Nyctiophylax icelus* (A Neboiss), *Nyctiophylax nepenthes* J Olah & KA Johanson, *Nyctiophylax padangensis* H Malicky, *Nyctiophylax pongdiatensis* H Malicky & P Chantaramongkol, *Nyctiophylax simaritehsis* H Malicky & P Chantaramongkol, and *Nyctiophylax temburongensis* H Malicky

Belonging to the Nyctiophylax (*Paranyctiophylax*) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Holotype--Male; MALAYSIA: Sabah, Tawau, Maliau Basin, Nepenthes Camp, crossing stream, 04\*43'58.9"N, 116\*52'40.7"E, 994 m, 9-14-xii-2007, Mega Malaise Trap (6 m long) [B Viklund & N Joensson]; deposited in Swedish Museum of Natural History, Stockholm, Sweden ("NHMS") Malaysia (Sabah))

*Nyctiophylax* (*Paranyctiophylax*) *lumarius* A Neboiss, 1989 : OL (Belonging to the Nyctiophylax (*Paranyctiophylax*) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Indonesia (Sulawesi))

*Nyctiophylax* (*Paranyctiophylax*) *maath* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Nyctiophylax* (*Paranyctiophylax*) *makiensis* (M Kobayashi, 1987) (Transferred from *Plectrocnemia* to *Nyctiophylax* by A Ohkawa & T Ito, 2007, Limnology 8: 209 Japan)

*Plectrocnemia makiensis* M Kobayashi, 1987

*Nyctiophylax* (*Paranyctiophylax*) *mentor* H Malicky & N Changthong, 2004 : OL (Male described originally

Belonging to the Nyctiophylax (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Holotype--Male; THAILAND: Pitsanulok Province, Phu Hin Rongkla National Park, Man Daeng Noi, 16\*57'N, 101\*57'E, 1600 m, 27-9--21-10-2002, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Nyctiophylax* (*Paranyctiophylax*) *meridionalis* G Marlier, 1965 : AT (Belonging to the Nyctiophylax (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Angola)

*Nyctiophylax* (*Paranyctiophylax*) *mintin* J Olah & KA Johanson, 2010 : OL (Male described originally



near *Nyctiophylax nahum* H Malicky & P Chantaramongkol

Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13 Holotype--Male; VIETNAM: Moc Chau, 27-x-1986, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Nyctiophylax* (*Paranyctiophylax*) *moestus* N Banks, 1911 : NA (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *vestitus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 12-13 Canada)

*Nyctiophylax* (*Paranyctiophylax*) *morsei* PK Lago & SC Harris, 1983 : NA (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *vestitus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 12-13 United States of America)

*Nyctiophylax* (*Paranyctiophylax*) *nahum* H Malicky & P Chantaramongkol, 1993 : OL (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13 Thailand)

*Nyctiophylax* (*Paranyctiophylax*) *nepenthes* J Olah & KA Johanson, 2010 : OL (Male described originally near *Nyctiophylax icelus* (A Neboiss), *Nyctiophylax padangensis* H Malicky, *Nyctiophylax pongdiatensis* H Malicky & P Chantaramongkol, *Nyctiophylax simaritehsis* H Malicky & P Chantaramongkol, and *Nyctiophylax temburongensis* H Malicky

Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *flavus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13-14 Holotype--Male; MALAYSIA: Sabah, Tawau, Maliau Basin, *Nepenthes* Camp, Camel Trophy Hut, 04°43'59.3"N, 116°52'39.7"E, 999 m, 7-8-xii-2007, 22 W black light [B Viklund & N Joensson]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden ("NHMS") Malaysia (Sabah))

*Nyctiophylax* (*Paranyctiophylax*) *nephophilus* OS Flint, 1964 : NA (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *vestitus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 12-13 United States of America)

*Nyctiophylax* (*Paranyctiophylax*) *noctiflavus* (W Mey, 1998) : OL (Male described originally, similar to *Nyctiophylax padangensis* H Malicky and *Nyctiophylax temburongensis* H Malicky

Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *flavus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13-14 Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Paranyctiophylax noctiflavus* W Mey, 1998

*Nyctiophylax* (*Paranyctiophylax*) *orientalis* G Marlier, 1943 : AT (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *africanus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13 Democratic Republic of the Congo)

*Nyctiophylax* (*Paranyctiophylax*) *padangensis* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Indonesia (Kalimantan), male misidentified and described as *Nyctiophylax flavus* G Ulmer, 1915, by G Ulmer, 1951, *Archiv fuer Hydrobiologie Supplement* 19, pl 6, f 110-111, according to H Malicky, *Linzer Biologische Beitrage* 40(1): 841-842

Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *flavus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13-14 Indonesia (Sumatra)

*Nyctiophylax* (*Paranyctiophylax*) *parvus* ME Mosely, 1953 : AU (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *flavus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13-14 Australia)

*Nyctiophylax* (*Paranyctiophylax*) *pongdiatensis* H Malicky & P Chantaramongkol, 1993 :

OL (Belonging to the *Nyctiophylax* (*Paranyctiophylax*) *flavus* Diagnostic Species Group according to J Olah & KA Johanson, 2010, *Zootaxa* 2618: 13-14 Thailand)

*Nyctiophylax* (*Paranyctiophylax*) *repandus* A Neboiss, 1977 : AU (Preoccupied in *Nyctiophylax* by G Ulmer, 1912, *Schr phys oek Ges Koenigsb* 10: 144, 152-153, f 222-225

Wing venation illustrated, additional Tasmanian localities provided, belongs to genus *Paranyctiophylax* according to A Neboiss, 2002, *Papers & Proc R Soc Tasmania* 136: 68, f 19A

Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Holotype--Male; Australia: Tasmania, Scamander River, Upper Scamander, 9 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc r Soc Tasmania 136: 68) Australia (Tasmania)

*Nyctiophylax (Paranyctiophylax) rhamphodes* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax rhamphodes* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) sagax* W Mey, 1995 : OL (Reported from Vietnam, as Paranyctiophylax sagax, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Vietnam)

*Nyctiophylax (Paranyctiophylax) sarug* H Malicky, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13

Listed from the Philippines (Mindanao, Tawi Tawi) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Mindanao)

*Nyctiophylax (Paranyctiophylax) serratus* PK Lago & SC Harris, 1985 : NA (Belonging to the Nyctiophylax (Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) simaritensis* H Malicky & P Chantaramongkol, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Indonesia (Sumatra)

*Nyctiophylax (Paranyctiophylax) spiculatus* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Australia)

*Paranyctiophylax spiculatus* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) suthepensis* H Malicky & P Chantaramongkol, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) synorius* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Bougainville Island)

*Paranyctiophylax synorius* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) taiwanensis* LP Hsu & CS Chen, 1996 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Taiwan)

*Nyctiophylax (Paranyctiophylax) tallawakanda* F Schmid, 1958 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Sri Lanka)

*Nyctiophylax (Paranyctiophylax) temburongensis* H Malicky, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Brunei)

*Nyctiophylax (Paranyctiophylax) tonngachang* H Malicky & P Chantaramongkol, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) traunensis* (A Neboiss, 1994) : AU (Belonging to the Nyctiophylax (Paranyctiophylax) flavus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13-14 Papua New Guinea)

*Paranyctiophylax traunensis* A Neboiss, 1994

*Nyctiophylax (Paranyctiophylax) uncus* HH Ross, 1944 : NA (Belonging to the Nyctiophylax

(Paranyctiophylax) vestitus Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 12-13 United States of America)

*Nyctiophylax (Paranyctiophylax) valmiki* H Malicky & P Chantaramongkol, 1993 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax (Paranyctiophylax) vetulya* F Schmid, 1958 : OL (Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group, as *Nyctiophylax vetuluya* F Schmid, according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Sri Lanka)

*Nyctiophylax (Paranyctiophylax) zadok* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27)

Belonging to the Nyctiophylax (Paranyctiophylax) abaya Diagnostic Species Group according to J Olah & KA Johanson, 2010, Zootaxa 2618: 13 Thailand)

*Nyctiophylax poias* H Malicky, 2008 (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 21-vi-2000, B0821PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Vietnam)

### ***Ochrotrichia* ME Mosely, 1934**

#### **subgenus *Ochrotrichia* ME Mosely, 1934**

*Ochrotrichia (Ochrotrichia) affinis* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally near *Ochrotrichia amorfa*)

Male redescribed in the *Ochrotrichia blanca* Group from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 133, f 112-114 Holotype--Male; MEXICO: Tabasco, Municipio de Huimanguillo Ejido Villa de Guadalupe, 1a seccion Cascada Cerro de Las Flores, el 540 m, 17\*21'39"N, 93\*37'29"W, 26-vi-1999, J Bueno and R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Tabasco))

*Ochrotrichia (Ochrotrichia) alargada* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia aldama* Group)

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 112, f 12-13 Holotype--Male; MEXICO: Guerrero, Municipio de Taxco, Teuisapan, Rio Temazcalapa, 12 km NW Ahuehuepan, el 1052 m, Rta 51, 18\*25-56'N, 99\*42-5'W, 28-ii-1995, R Barba & A Rojas; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Guerrero))

*Ochrotrichia (Ochrotrichia) aldama* (ME Mosely, 1937) : NT (Male redescribed in *Ochrotrichia aldama* Group, reported from Panama by J Bueno-Soria & RW Holzenthal, 2004, Trans Amer Entomol Soc 130(2-3): 246, f 1)

Listed as a fossil in Dominican amber (Miocene) by KY Eskov, A Wells, VD Ivanov, R Kulicka, & ID Sukatsheva, 2008, Prace Muzeum Ziemi 49: 78, tab 1

Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 48

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia insularis* ME Mosely from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 112-113, f 14-15 Holotype--Male; MEXICO: Chiapas, Esmeralda, 19-xi-1931, A Dampf; deposited in The Natural History Museum, London, United Kingdom (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 112) Mexico (Chiapas))

*Polytrichia aldama* ME Mosely, 1937

*Ochrotrichia (Ochrotrichia) alexanderi* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) alsea* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) amorfa* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described

originally near *Ochrotrichia affinis*

Male redescribed in the *Ochrotrichia blanca* Group near *Ochrotrichia affinis* J Bueno-Soria & RW Holzenthal from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 133-134, f 115-117 Holotype--Male; Mexico: Tabasco, Municipio de Huimanguillo, Arroyo las Flores, Villa de Guadalupe 2a seccion, Los Chimalapas km 5 Ruta Malpasito-Carlos A Madrazo, el 540 m, 17°22'05"N, 93°36'25"W, 1-xii-1998, J Bueno and R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Tabasco)

*Ochrotrichia (Ochrotrichia) angularis* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia blanca* Group near *Ochrotrichia maycoba* J Bueno-Soria & S Santiago-Fragoso Holotype--Male; MEXICO: Morelos, Huautla, Reserva de la Biosfera de Huautla, el 900 m, 18°20'10"N, 098°51'20"W, 13-iii-1996, E Gonzalez, S Zaragoza; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Morelos))

*Ochrotrichia (Ochrotrichia) anisca* (HH Ross, 1941) : NA (United States of America)

*Polytrichia anisca* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) anomala* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male redescribed in the *Ochrotrichia xena* Group near *Ochrotrichia flagellata* OS Flint from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 68, f 1, 2 Holotype--Male; PANAMA: Canal Zone, Barro Colorado Island, Snyder-Molino Trail, Marker 3, trap level III, 18-24-xi-1987, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Ochrotrichia (Ochrotrichia) apalachicola* SC Harris, ML Pescador, & AK Rasmussen, 1998 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) argentea* OS Flint & RL Blickle, 1972 : NA (Male described originally

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia alexanderi* DG Denning & RL Blickle from Mexico (Chihuahua) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 132-133, f 109-111 United States of America)

*Ochrotrichia (Ochrotrichia) arizonica* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) arranca* (ME Mosely, 1937) : NT (Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 48

Male redescribed in the *Ochrotrichia arranca* Group near *Ochrotrichia moselyi* OS Flint from Mexico (Chiapas, Tabasco) and Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 122-123, f 58-60 Holotype--Male; MEXICO: Chiapas, Barranca Honda, 24-ii-1931, A Dampf; deposited in The Natural History Museum, London, United Kingdom (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 123) Mexico (Chiapas))

*Polytrichia arranca* ME Mosely, 1937

*Ochrotrichia (Ochrotrichia) arriba* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 114, f 22-23 Holotype--Male; PANAMA: Chiriqui, Guadalupe Arriba, 08°52'26"N, 82°33'13"W, 3-9-vii-1985, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 114) Panama)

*Ochrotrichia (Ochrotrichia) arva* (HH Ross, 1941) : NA (United States of America)

*Polytrichia arva* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) assita* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia aldama* Group

Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 48

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 114, f 24-26 Holotype--Male; PANAMA: Chiriqui, Fortuna Dam site nr Hornitos, el 1050 m, 8°55'N, 82°16'W, 4-i-7-iii-1978, H Wolda; deposited in the United States National Museum of Natural History,

Smithsonian Institution, Washington, District of Columbia, United States of America Panama)  
*Ochrotrichia (Ochrotrichia) atezcae* J Bueno-Soria & S Santiago-Fragoso, 1999 : NT (Male described originally in the *Ochrotrichia blanca* Group)

Male re-described in the *Ochrotrichia blanca* Group near *Ochrotrichia maycoba* J Bueno-Soria & S Santiago-Fragoso, from Mexico (Hidalgo), by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 132, f 106-108 Holotype--Male; MEXICO: Hidalgo, Molango Laguna de Atezca, el 1420 m, 20°47'04"N, 098°43'03"W, 18-v-1978, J Bueno; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonomia de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 132) Mexico (Hidalgo))

*Ochrotrichia (Ochrotrichia) attenuata* OS Flint, 1972 : NT (Male described originally)

Male redescribed in the *Ochrotrichia lometa* Group from Guatemala by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 154, f 201-204 Holotype--Male; GUATEMALA: Huehuetenango, 20 miles (32 km) northwest of Huehuetenango, 9-10-viii-1967, OS Flint Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 154) Guatemala)

*Ochrotrichia (Ochrotrichia) avicula* J Bueno-Soria & RW Holzenthal, 2008 : NT (Male described originally near *Ochrotrichia avis* J Bueno-Soria & RW Holzenthal Holotype--Male; Costa Rica: Puntarenas, Rio Jaba at rock quarry, 1.4 km (air) W Las Cruces, 08.79°N, 082.97°W, el 1150 m, 9-viii-1990, Holzenthal, Blahnik, and Munoz; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Ochrotrichia (Ochrotrichia) avis* J Bueno-Soria & RW Holzenthal, 1998 : NT (Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 48)

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia quebrada* J Bueno-Soria & RW Holzenthal from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 115, f 27-28 Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and Tribes e. 980 m, 10°12'96"(sic)N, 84°36'42"W, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 115) Costa Rica)

*Ochrotrichia (Ochrotrichia) ayaya* L Botosaneanu, 1977 : NT (Described originally as subspecies *Ochrotrichia insularis ayaya*)

~*insularis* ME Mosely, 1934, Tr ent Soc London 82: 163, f 56-58

Elevated to species by L Botosaneanu, 1998, Bull Inst r Sci natr Belgique, Entomol 68: 13 Cuba)

*Ochrotrichia (Ochrotrichia) baorucoensis* OS Flint & JL Sykora, 2004 : NT (Male described originally, near *Ochrotrichia caligula* OS Flint, from the Dominican Republic (Barahona) Holotype--Male; DOMINICAN REPUBLIC: Barahona Province, San Rafael, 8.3 km S of Baoruco, 18°01.9'N, 71°08.4'W, 30 m, 15 May 1995, OS Flint Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Ochrotrichia (Ochrotrichia) bicaudata* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 115-116, f 29-31 Holotype--Male; PANAMA: Barro Colorado Island, Snyder-Molino Trail, Marker 3, trap level III, 2-8-xii-1987, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 116) Panama)

*Ochrotrichia (Ochrotrichia) bipartita* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) blanca* J Bueno-Soria & S Santiago de Fragoso, 1997 : NA, NT (Male re-described in the *Ochrotrichia blanca* Group near *Ochrotrichia maycoba* J Bueno-Soria & S Santiago-Fragoso, *Ochrotrichia zihuaquia* J Bueno-Soria & S Santiago-Fragoso, and *Ochrotrichia eyipantla* J Bueno-Soria & S Santiago-Fragoso, from Belize and Mexico (Baja California), by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 129-130, f 90-92 Holotype--Male; BELIZE: Cayo District, Rio Privassion, Clancaneaux Lodge, 9-11-vii-1997, Y Sedman;

deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 130) Belize)

*Ochrotrichia (Ochrotrichia) boquillas* SR Moulton & SC Harris, 1997 : NA (Male described originally in the *Ochrotrichia xena* Group near *Ochrotrichia flagellata* OS Flint and *Ochrotrichia pectinata* OS Flint

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Holotype--Male; UNITED STATES OF AMERICA: Texas, Brewster Co, Glenn Spring, Big Bend National Park, 18 April 1993, R Garano; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (United States of America)

*Ochrotrichia (Ochrotrichia) bractea* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally near *Ochrotrichia affinis* and *Ochrotrichia amorfa* and *Ochrotrichia eyipantla*

Male re-described in the *Ochrotrichia blanca* Group near *Ochrotrichia blanca* J Bueno-Soria & S Santiago-Fragoso and *Ochrotrichia eyipantla* J Bueno-Soria & S Santiago-Fragoso, from Mexico (Morelos), by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 130, f 93-95 Holotype--Male; Mexico: Morelos, Municipio de Huautla, Reserva de la Biosfera de Huautla, el 900 m, 18°20'10"N, 98°51'20', 99°08'15"W, 12-iii-1996, E Gonzalez and S Zaragoza; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (Morelos))

*Ochrotrichia (Ochrotrichia) brayi* OS Flint, 1968 : NT (Presumed female described by L Botosaneanu, 2000, Ann Limnol 36(4): 250, f 3-4) Dominica)

*Ochrotrichia (Ochrotrichia) buccata* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) burdicki* DG Denning, 1989 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) cachonera* L Botosaneanu, 1995 : NT (Male and female described originally

Males known from Dominican Republic (Independencia, Barahona, La Vega, Monsenor Nouel) and females not definitely associated from Dominican Republic (Barahona, Hato Mayor, Monte Plata) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 36-37 Dominican Republic)  
*Ochrotrichia (Ochrotrichia) caimita* OS Flint, 1972 : NT (Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 49

Male redescribed in the *Ochrotrichia tarsalis* Group near *Ochrotrichia stylata* (HH Ross) and *Ochrotrichia tarsalis* (HA Hagen) from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 134, f 118-120 Holotype--Male; PANAMA: Chiriqui, Rio Caimito, 10 miles (16 km) northwest of David, 4-vii-1967, Paul J Spangler; Type 72035; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 134) Panama)

*Ochrotrichia (Ochrotrichia) calcarata* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) caligula* OS Flint, 1968 : NT (Jamaica)

*Ochrotrichia (Ochrotrichia) campanilla* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) canicula* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia ixtlahuaca* J Bueno-Soria & RW Holzenthal Holotype--Male; MEXICO: Estado de Mexico, Tetesontle, el 3350, 19°05'37"N, 98°36'22"W, 29-iv-2005, J Villavicencio, S Diaz; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (Estado de Mexico))

*Ochrotrichia (Ochrotrichia) capitana* HH Ross, 1944 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Ochrotrichia (Ochrotrichia) caramba* L Botosaneanu, 1977 : NT (Cuba)

*Ochrotrichia (Ochrotrichia) catarina* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia aldama* Group

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Mexico (Oaxaca) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 116-117, f 32-34 Holotype--Male; MEXICO: Oaxaca, Santa Catarina La Chatao, el 2160 m, 17°15'58"N, 96°28'15"W, 5-6-xii-1999, A Rojas; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca))

*Ochrotrichia (Ochrotrichia) cavitectum* L Botosaneanu, 1998 : NT (Jamiaca)

*Ochrotrichia (Ochrotrichia) chiapa* DG Denning & RL Blickle, 1972 : NT (Male described originally

Male redescribd in the *Ochrotrichia lometa* Group from Mexico (Chiapas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 148, f 173-174 Holotype--Male; MEXICO: Chiapas, 3.6 miles south of Puebla Nueva, 20-iii-1953, RC Bechtel, El Schlinger; deposited in the California Academy of Sciences, San Francisco, California, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 148) Mexico (Chiapas))  
*Ochrotrichia (Ochrotrichia) cieneguilla* SC Harris & SR Moulton, 1993 : NA (Male described originally

Male redescribed in the *Ochrotrichia arranca* Group from Mexico (Nuevo Leon) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 123, f 61-63 Holotype--Male; MEXICO: Nuevo Leon, Municipio de Santiago, Cola de Caballo, downstream falls, 3 km SW Cieneguilla, 19-v-1989, S Harris, A Contreras; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 123) Mexico (Nuevo Leon))

*Ochrotrichia (Ochrotrichia) citra* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia aldama* Group

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 117, f 35-37 Holotype--Male; MEXICO: Tabasco, Municipio de Huimanguillo Rta Malpasito-Carlos A Madrazo, Ejido Villa de Guadalupe, 1a seccion Cascada Cerro de las Flores, el 540 m, 17°21'39"N, 93°37'29"W, 26-vi-1999, J Bueno and R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Tabasco))

*Ochrotrichia (Ochrotrichia) compacta* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia aldama* Group

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 117-118, f 38-40 Holotype--Male; MEXICO: Tabasco, Municipio de Huimanguillo Rta Malpasito-Carlos A Madrazo, Ejido Villa de Guadalupe, 1a seccion Cascada Cerro de las Flores, el 540 m, 17°21'39"N, 93°37'29"W, 16-iii-2000, J Bueno, R Barba, and A Rojas; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Tabasco))

*Ochrotrichia (Ochrotrichia) concha* J Bueno-Soria & S Santiago de Fragoso, 1992 : NT (Brazil)

*Ochrotrichia (Ochrotrichia) conformalis* J Bueno-Soria & RW Holzenthal, 2008 : NT (Male described originally in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tribs, 10.216°N, 084.607°W, el 980 m, 1-4-v-1990, Holzenthal & Blahnik; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Ochrotrichia (Ochrotrichia) confusa* (KJ Morton, 1905) : NA (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Male redescribed in the *Ochrotrichia arranca* Group near *Ochrotrichia riesi* HH Ross from Mexico (Chihuahua) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 121-124, f 64-65 United States of America)

*Ithytrichia confusa* KJ Morton, 1905

*Ochrotrichia (Ochrotrichia) contorta* (HH Ross, 1941) : NA (United States of America)

*Polytrichia contorta* HH Ross, 1941  
*Ochrotrichia (Ochrotrichia) contrerasi* SC Harris & SR Moulton, 1993 : NA (Male described originally)

Male redescribd in the Ochrotrichia lometa Group near Ochrotrichia panamensis OS Flint from Mexico (Tamaulipas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 149, f 175-177 Holotype--Male; MEXICO: Tamaulipas, Municipio de Gomez Farias, Rio Frio at La Poza Azul, 6 km S Gomez Farias, 07-viii-1988, A Contreras, A Moreno; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 149) Mexico (Tamaulipas))

*Ochrotrichia (Ochrotrichia) corneolus* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male described originally)

Male redescribed in the Ochrotrichia tarsalis Group near Ochrotrichia stylata (HH Ross) from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 135, f 121-122 Holotype--Male; PANAMA: Barro Colorado Island, Snyder-Molino Trail, Marker 3, Trap Level III, 18-24-xi-1987, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 135) Panama)

*Ochrotrichia (Ochrotrichia) crucecita* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male described originally)

Male redescribed in the Ochrotrichia cruces Group near Ochrotrichia cruces OS Flint from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 144-145, f 157-158 Holotype--Male' PANAMA: Chiriqui, Guadalupe Arriba, 08\*52'26"N, 082\*33'13"W, 2-8-v-1984, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 145) Panama)

*Ochrotrichia (Ochrotrichia) cruces* OS Flint, 1967 : NT (Male described originally)

Male redescribed in the Ochrotrichia cruces Group from Mexico (Estado de Mexico) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 145, f 159-160 Holotype--Male; MEXICO: Estado de Mexico, Parque Nacional "Insurgente Miguel Hidalgo y Costilla," Sierra Las Cruces, La Marquesa Mountain, el 3000 m, 5-9-vii-1965, Flint, Ortiz; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 145) Mexico (Estado de Mexico))

*Ochrotrichia (Ochrotrichia) curvata* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally)

Male redescribed in the Ochrotrichia tarsalis Group from Panama) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 135-136, f 123-125 Holotype--Male; Panama: Chiriqui, Fortuna Dam site near Hornitos, el 1050 m, 8\*55'N, 82\*16'W, 16-29-xi-1977, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 136) Panama)

*Ochrotrichia (Ochrotrichia) cuspidata* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia lometa Group near Ochrotrichia buccata

Male redescribd in the Ochrotrichia lometa Group near Ochrotrichia buccata DG Denning & RL Blickle from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 149-150, f 178-180 Holotype--Male; MEXICO: Guerrero, Municipio Taxco, Teusisapan, Rio Temascalapa, 12 km NW Ahuehupan Rta 51, el 1052 m, 18\*25-56'N, 99\*42.5'W, 10-iv-1995, R Barba & D Ocana; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Guerrero))

*Ochrotrichia (Ochrotrichia) dactylophora* OS Flint, 1965 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337



Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiters, 2009, Southwestern Naturalist 54(2): 182-194

Male redescribed in the Ochrotrichia arranca Group near Ochrotrichia cieneguilla SC Harris and Ochrotrichia spinosa HH Ross from United States of America (Arizona, New Mexico) and Mexico (Chihuahua, Sonora) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 125, f 69-71 Holotype--Male; UNITED STATES OF AMERICA: Arizona, Coconino County, West Fork, 16 miles southwest of Flagstaff, 6500 ft elevation, 5-viii-1961, RW Hodges; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 125) United States of America (Arizona)

*Ochrotrichia (Ochrotrichia) dardeni* SC Harris, 1986 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) delgada* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia lometa Group)

Male redescribd in the Ochrotrichia lometa Group from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 150, f 181-183 Holotype--Male; Mexico: Tabasco, Municipio de Huimanguilla, km 5 Ruta Malpasito-Carlos A Madraza, Arroyo Las Flores, Villa de Guadalupe 2a seccion Los Chimalapas, el 545 m, 17°22'05"N, 93°36'25"W, 16-iii-2000, J Bueno, R Barba, and A Rojas; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Tabasco)

*Ochrotrichia (Ochrotrichia) denningi* RL Blickle & WJ Morse, 1957 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) dulcea* J Bueno-Soria & RW Holzenthal, 1998 : NT (Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 49)

Male redescribed in the Ochrotrichia tenanga Group from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 140, f 141-142 Holotype--Male; COSTA RICA: Guanacaste, Rio Tizate, 7.2 km NE Canas Dulces, el 275 m, 10°03'98"[sic]N, 066°26'94"[sic]W, 28-vi-1986, Holzenthal, Heyn, Armitage; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 140) Costa Rica)

*Ochrotrichia (Ochrotrichia) ecuatoriana* J Bueno-Soria & S Santiago de Frago, 1992 : NT (Ecuador)

*Ochrotrichia (Ochrotrichia) eliaga* (HH Ross, 1941) : NA (United States of America)

*Polytrichia eliaga* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) elongiralla* SC Harris, 1986 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) escoba* OS Flint, 1972 : NT (Male described originally)

Male redescribed in the Ochrotrichia tenanga Group from Guatemala and Mexico (Chiapas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 141, f 143-144 Holotype--Male; GUATEMALA: Izabal, Las Excobas, near Matias de Galvex, 14-16-viii-1965, Flint, Ortiz; TYpe 72042, deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 141) Guatemala)

*Ochrotrichia (Ochrotrichia) eyipantla* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male re-described in the Ochrotrichia blanca Group near Ochrotrichia maycoba J Bueno-Soria & S Santiago-Frago, Mexico (Veracruz), by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 130-131, f 96-98 Holotype--Male; MEXICO: Veracruz, Salto de Eyipantla, Eyipantla River, 30-iii-1990, PJ Spangler, S Santiago; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonomia de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 131) Mexico (Veracruz))

*Ochrotrichia (Ochrotrichia) felipe* HH Ross, 1944 : NA (Male described originally)

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW

Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Male redescribed in the *Ochrotrichia tenanga* Group near *Ochrotrichia palitla* OS Flint from Mexico (San Luis Potosi) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 141, f 145-146 United States of America)

*Ochrotrichia (Ochrotrichia) filiforma* OS Flint, 1972 : NT (Male described originally

Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 49

Male redescribed in the *Ochrotrichia tenanga* Group from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 142, f 147-149 Holotype--Male; COSTA RICA: Cartago, Chitaria, 19-vi-1967, Flint, Oritz; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 142) Costa Rica)

*Ochrotrichia (Ochrotrichia) flagellata* OS Flint, 1972 : NT (Male redescribed in the *Ochrotrichia xena* Group near *Ochrotrichia caligula* OS Flint from Panama and Mexico (Campeche) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 110, f 3-4 Holotype--Male; PANAMA: Canal Zone, Barro Colorado Island, vii-1967, malaise trap, WW Wirth; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 110) Panama)

*Ochrotrichia (Ochrotrichia) flexura* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) flintiana* K Kumanski, 1987 : NT (Cuba)

*Ochrotrichia (Ochrotrichia) footei* JB Keiper & SC Harris, 2002 : NA (Male, larvae, pupae, egg, biology described by JB Keiper & SC Harris, 2002, Proc Entomol Soc Washington 104(2): 291-299, f 1-12, t 1 Holotype--Male; United States of America: California, Riverside County near Idyl Wild, Fullers Mill Creek, reared from larva collected 29 June 1999, emerged 7 July 1999, JB Keiper; deposited in the Cleveland Museum of Natural History, Cleveland, Ohio, United States of America United States of America (California))

*Ochrotrichia (Ochrotrichia) glabra* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 49

Male redescribed in the *Ochrotrichia xena* Group near *Ochrotrichia hondurenia* J Bueno-Soria & S Santiago-Fragoso from Panama and Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 110, f 5-7 Holotype--Male; PANAMA: Chiriqui, Guadalupe Arriba, 08°52'26"N, 82°33'13"W, 30-x-5-xi-1985, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 110) Panama)

*Ochrotrichia (Ochrotrichia) graysoni* CR Parker & JR Voshell, 1980 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) gretae* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia aldama* Group Holotype--Male; MEXICO: Chihuahua, Mpio Guachochi, km 114.5 Route 25 Creel-Guachochi, el 2150 m, 27°35'05"N, 107°32'46"W, 15-v-2002, J Bueno-Soria & R Barba; deposited in the Coleccion Nacional de Insectos of the Instituto de Biologia, Universidad Nacional Autonomia de Mexico, Mexico City, Mexico Mexico (Chihuahua))

*Ochrotrichia (Ochrotrichia) guadalupensis* SC Harris & SR Moulton, 1993 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) gurneyi* OS Flint, 1964 : NT (Puerto Rico)

*Ochrotrichia (Ochrotrichia) hadria* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) hamatilis* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) hondurenia* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 49

Male redescribed in the *Ochrotrichia xena* Group near *Ochrotrichia glabra* J Bueno-Soria & S Santiago-Fragoso from Belize by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 111, f 8-9 Holotype--Male; BELIZE: Cayo District, Mountain Pine Ridge, 27-vi-1971, G Stacell; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009,

Transactions of the American Entomological Society 135(1+2): 111) Belize)  
*Ochrotrichia (Ochrotrichia) honeyi* RL Blickle & DG Denning, 1977 : NA (United States of America)  
*Ochrotrichia (Ochrotrichia) ildria* DG Denning & RL Blickle, 1972 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194

Male redescribd in the Ochrotrichia lometa Group near Ochrotrichia attenuata OS Flint from United States of America (Arizona) and Mexico (Oaxaca) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 150-151, f 184-186 Holotype--Male; UNITED STATES OF AMERICA: Arizona, Oak Creek Canyon, 24-vii-1958, CW O'Brien; deposited in the California Academy of Sciences, San Francisco, California, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 151) United States of America)  
*Ochrotrichia (Ochrotrichia) indefinida* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia tarsalis Group

Male redescribed in the Ochrotrichia tarsalis Group from Mexico (Tabasco) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 136, f 126-129 Holotype--Male; MEXICO: Tabasco, Municipio de Huimanguillo Rta Malpasito-Carlos A Madrazo, Ejido Villa de Guadalupe, 1a seccion Cascada Cerro de las Flores, el 545 m, 17\*22'05"N, 93\*36'25"W, 16-iii-2001, J Bueno, R Barba, and A Rojas; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Tabasco))  
*Ochrotrichia (Ochrotrichia) ingloria* L Botosaneanu, 1995 : NT (Male and female described originally

Known from Dominican Republic (Independencia, Monte Plata, Pedernales) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 37 Dominican Republic)  
*Ochrotrichia (Ochrotrichia) insularis* ME Mosely, 1934 : NT (Jamaica)  
*Ochrotrichia (Ochrotrichia) intermedia* OS Flint, 1972 : NT (Male described originally

Male redescribed between the Ochrotrichia tenanga Group and the Ochrotrichia lometa Group from Guatemala by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 142, f 150-151 Holotype--Male; GUATEMALA: Chimaltenango, Tecpan Guatemala, 08-viii-1967, OS Flint Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 142) Guatemala)  
*Ochrotrichia (Ochrotrichia) intortilis* OS Flint & J Bueno-Soria, 1999 : NT (Peru)  
*Ochrotrichia (Ochrotrichia) involuta* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia tenanga Group

Male redescribed in the Ochrotrichia tenanga Group near Ochrotrichia palitla OS Flint from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 143, f 152-153 Holotype--Male; Mexico: Guerrero, km 7 Route Taxaco-Ixcateopan, 17-vi-1987, j Bueno, H Brailovsky, E Barrera; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Guerrero))  
*Ochrotrichia (Ochrotrichia) islenia* L Botosaneanu, 1977 : NT (Cuba)  
*Ochrotrichia (Ochrotrichia) ixcateopana* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male described originally

Male redescribed in the Ochrotrichia arranca Group near Ochrotrichia tagala OS Flint from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 125-126, f 72-74 Holotype--Male; MEXICO: Guerrero, 7 km Route Taxco-Ixcateopan, 17-vi-1987, J Bueno, H Brailovsky, E Barrera; deposited in the Coleccion Nacional de Insectos of the Instituto de Biologia, Universidad Nacional Autonomia de Mexico, Mexico City, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 126) Mexico (Guerrero))  
*Ochrotrichia (Ochrotrichia) xtlahuaca* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described

originally in the Ochrotrichia lometa Group

Male redescribd in the Ochrotrichia lometa Group near Ochrotrichia ildria DG Denning & RL Blickle from Mexico (Hidalgo) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 151, f 187-189 Holotype--Male; MEXICO: Hidalgo, Ixtlahuaco, Ruta 105 Hotel Campestre Conchita, el 1420 m, 20°53-04'N, 98°41'47 W, 3-vi-2000, J Bueno and R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Hidalgo))

*Ochrotrichia (Ochrotrichia) jolandae* J Bueno-Soria & RW Holzenthal, 2008 : NT (Male described originally near Ochrotrichia concha J Bueno-Soria & S Santiago-Fragoso Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon Rio San Lorencito and tribs, 10.216°N, 084.607°W, el 980 m, 6-10-iii-1991, Holzenthal, Munoz, Huisman; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Ochrotrichia (Ochrotrichia) larimar* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near Ochrotrichia spinosissima OS Flint, from the Dominican Republic (Barahona, La Vega) Holotype--Male; DOMINICAN REPUBLIC: Barahona Province, Larimar Mine nr Filipinas, 26 June - 7 July 1992, Woodruff & Skelley; deposited in the Florida State Collection of Arthropods, Gainesville, Florida, United States of America Dominican Republic)

*Ochrotrichia (Ochrotrichia) leona* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia arranca Group

Male redescribed in the Ochrotrichia arranca Group from Mexico (Distrito Federal) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 126, f 75-76 Holotype--Male; Mexico: Distrito Federal, Desierto de Los Leones, Arroyo San Borja, e. 2650 m, 19°18-140'N, 99°18-648'W, 16-viii-1997, J Bueno and R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Distrito Federal))

*Ochrotrichia (Ochrotrichia) limonensis* OS Flint, 1981 : NT (Venezuela)

*Ochrotrichia (Ochrotrichia) lobifera* OS Flint, 1968 : NT (Jamaica)

*Ochrotrichia (Ochrotrichia) logana* (HH Ross, 1941) : NA (Mald and female described originally

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337

Male redescribd in the Ochrotrichia lometa Group from Mexico (Chiapas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 152, f 193-195 United States of America)

*Polytrichia logana* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) lometa* (HH Ross, 1941) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin, as Ochrotrichia lomenta, by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Polytrichia lometa* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) longispina* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the Ochrotrichia tenanga Group

Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 50

Male redescribed in the Ochrotrichia aldama Group near Ochrotrichia oblongata J Bueno-Soria & S Santiago-Fragoso from Panama and Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 118, f 41-43 Holotype--Male; Panama: Chiriqui, Fortuna Dam site nr Hornitos, el 1050 m, 08°55'N, 82°16'W, 14-20-xii-1976, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Ochrotrichia (Ochrotrichia) lucia* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) lupita* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male redescribed in the Ochrotrichia aldama Group near Ochrotrichia regina J Bueno-Soria & S Santiago-Fragoso from Panama and Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 118-119, f 44-46 Holotype--Male; PANAMA: Chiriqui, Guadalupe

Arriba, 08°52'26"N, 82°33'13"W, 1-7-v-1985, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 119) Panama)

*Ochrotrichia (Ochrotrichia) machiguenga* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) manuensis* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) marica* OS Flint, 1964 : NT (Puerto Rico)

*Ochrotrichia (Ochrotrichia) maya* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male described originally)

Male redescribed in the *Ochrotrichia tarsalis* Group from Mexico (Chiapas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 137, f 130-131 Holotype--Male; MEXICO: Chiapas, Cascada de Misolja, 20 km S from Palenque, 17-18-v-1981, CM & OS Flint Jr; deposited in the United States National Museum, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 137) Mexico (Chiapas))

*Ochrotrichia (Ochrotrichia) maycoba* J Bueno-Soria & S Santiago de Fragoso, 1997 : NA (Male re-described in the *Ochrotrichia blanca* Group near *Ochrotrichia blanca* J Bueno-Soria & S Santiago-Fragoso and *Ochrotrichia eyipantla* J Bueno-Soria & S Santiago-Fragoso, from Mexico (Sonora), by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 131, f 99-101 Holotype--Male; MEXICO: Sonora, Maycoba River, west of Maycoba, 21-viii-1986, R Baumann, Srgeant, Kondratieff; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 131) Mexico (Sonora))

*Ochrotrichia (Ochrotrichia) membrana* J Bueno-Soria & RW Holzenthal, 1998 : NT (Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 50

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia siva* J Bueno-Soria & RW Holzenthal from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 119, f 47-48 Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tribs, el 980 m, 10°12'96"(sic)N, 84°36'42"W, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 119) Costa Rica)

*Ochrotrichia (Ochrotrichia) mono* (HH Ross, 1941) : NA (United States of America)

*Polytrichia mono* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) moselyi* OS Flint, 1972 : NA, NT (*Aphanogmus* sp (Hymenoptera: Ceraphronidae) parasitization described by JC Luhman, RW Holzenthal, & JK Kjaerandsen, 1999, J Hymen Res 8(1): 126

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from additional localities in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 50

Male redescribed in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) from Mexico (Veracruz, Tabasco) and Guatamala by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 126-127, f 77-78 Holotype--Male; MEXICO: Veracruz, Rio Tacolapan, route 180, km 551. 25-28-vii-1966, Flint, Ortiz, USNM Type 72037; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 127) Mexico (Veracruz))

*Ochrotrichia (Ochrotrichia) nacora* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) nicaragua* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia panamensis* OS Flint Holotype--Male; NICARAGUA: Zelaya, Cerro Saslaya, el 700 m, 13°44'N, 085°01'W, iv-1996, J Maes, J Hernandez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Nicaragua)

*Ochrotrichia (Ochrotrichia) oblongata* J Bueno-Soria & S Santiago de Fragoso, 1992 : NT (Trinidad)

*Ochrotrichia (Ochrotrichia) obovata* OS Flint & JL Sykora, 2004 : NT (Male described originally, near *Ochrotrichia caramba* L Botosaneanu, *Ochrotrichia cachonera* L Botosaneanu, *Ochrotrichia spinosissima* OS Flint, and *Ochrotrichia villarenia* L Botosaneanu, from the Dominican Republic (La Vega) Holotype--Male; DOMINICAN REPUBLIC: [La Vega Province] 20 km S Constanze, 3-7 June 1969, Flint & Gomez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Ochrotrichia (Ochrotrichia) obtecta* OS Flint & J Bueno-Soria, 1999 : NT (Peru)

*Ochrotrichia (Ochrotrichia) okaloosa* SC Harris, 1987 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) okanoganensis* OS Flint, 1965 : NA (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, as *Ochrotrichia okanogensis* by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Ochrotrichia (Ochrotrichia) oregona* (HH Ross, 1938) : NA (United States of America)

*Polytrichia oregona* HH Ross, 1938

*Ochrotrichia (Ochrotrichia) pacifica* OS Flint, 1972 : NT (Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 50-51

Male redescribed in the *Ochrotrichia tarsalis* Group from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 137-138, f 132 Holotype--Male; PANAMA: Chiriqui, Rio Caimito, 10 miles (16 km) northwest of David, 4-vii-1967, Paul J Spangler; Type 72036; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 137) Panama)

*Ochrotrichia (Ochrotrichia) palitla* OS Flint, 1972 : NA, NT (Male described originally

Male redescribed in the *Ochrotrichia tenanga* Group near *Ochrotrichia felipe* HH Ross from Mexico (Morelos, San Luis Potosi, Veracruz) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 143, f 154-155 Mexico (San Luis Potosi))

*Ochrotrichia (Ochrotrichia) palmata* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male described originally

Male redescribed in the *Ochrotrichia tarsalis* Group from Mexico (Estado de Mexico) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 138, f 133-134 Holotype--Male; MEXICO: Estado de Mexico, Temascaltepec, el 1220 m, 19°02'N, 100°02'W, 08-ii-1979, J Bueno, J Padilla; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, University Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 138) Mexico (Estado de Mexico))

*Ochrotrichia (Ochrotrichia) panamensis* OS Flint, 1972 : NT (Male described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43

Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 51

Male redescribed in the *Ochrotrichia lometa* Group from Panama and Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 153-154, f 199-200 Holotype--Male; PANAMA: Chiriqui, Rovira, David, el 660 m, 13-vii-1964, A Broce; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 153) Panama)

*Ochrotrichia (Ochrotrichia) paraldama* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia aldama* Group near *Ochrotrichia aldama* (ME Mosely) Holotype--Male; PANAMA: San Blas, Rio Carti Grande 2 km Nusangandi, 5-iii-1985, Flint, Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Ochrotrichia (Ochrotrichia) pectinata* OS Flint, 1972 : NT (Male redescribed in the *Ochrotrichia xena* Group near *Ochrotrichia lobifera* OS Flint and *Ochrotrichia marica* OS Flint from Mexico (Veracruz) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 68, f 1, 2 Holotype--Male; MEXICO: Veracruz, Rio Jamapa, north of Coscomatepec, 23-vii-1966, Flint, Ortiz;

deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 111) Mexico (Veracruz)

*Ochrotrichia (Ochrotrichia) pectinifera* OS Flint, 1972 : NT (Male described originally)

Male redescribed in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) from Mexico (Veracruz, Hildalgo) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 127, f 79-80 Holotype--Male; MEXICO: Veracruz, Fortin de las Flores, 22-v-1965, Rabago; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 127) Mexico (Veracruz)

*Ochrotrichia (Ochrotrichia) phenosa* HH Ross, 1947 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) poblana* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male described originally)

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia oregona* HH Ross and *Ochrotrichia nacora* DG Denning & RL Blickle from Mexico (Puebla) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 154-155, f 205-207 Holotype--Male; MEXICO: Puebla, km 30, route Zacapoxtla-Zacatlan, 02-v-1987, J Bueno, E Barrera; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 155) Mexico (Puebla)

*Ochrotrichia (Ochrotrichia) ponta* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 44) Dominica

*Ochrotrichia (Ochrotrichia) pora* EB Angrisano & JV Sganga, 2009 : NT (Male described originally near *Ochrotrichia concha* J Bueno-Soria & S Santiago-Fragoso Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, Salto Acuti, Malaise trap, 8-14-i-2006, Angrisano & Bravo leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Ochrotrichia (Ochrotrichia) potomus* DG Denning, 1948 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) provosti* RL Blickle, 1961 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) puyana* J Bueno-Soria & S Santiago de Frago, 1992 : NT (Ecuador)

*Ochrotrichia (Ochrotrichia) quadrispina* DG Denning & RL Blickle, 1972 : NA (Larva and its biology described by JB Keiper & WE Walton, 2000, P Entomol Soc Washington 102(1): 184)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Ochrotrichia (Ochrotrichia) quasi* J Bueno-Soria & RW Holzenthal, 2008 : NT (Males described originally in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) and *Ochrotrichia conformalis* J Bueno-Soria & RW Holzenthal Holotype--Male; COSTA RICA: San Jose, Rio Savegra, San Gerardo de Dota 09.33\*N, 083.48\*W, el 2200 m, 9-viii-1995, C Young; deposited in the Carnegie Museum Collection, Pittsburgh, Pennsylvania, United States of America Costa Rica)

*Ochrotrichia (Ochrotrichia) quebrada* J Bueno-Soria & RW Holzenthal, 1998 : NT (Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 51)

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia avis* J Bueno-Soria & RW Holzenthal from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 119-120, f 49-50 Holotype--Male; COSTA RICA: Guanacaste, P[arque] N[acional] Rincon de la Vieja Quebrada Zopilote, el 785 m, 10\*45'09"N, 83\*18'S4"[sic]W, 3-iii-1986, Holzenthal, Fasth; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 120) Costa Rica)

*Ochrotrichia (Ochrotrichia) quinealensis* J Bueno-Soria & RW Holzenthal, 1998 : NT (Male described originally)

Reported from additional localities in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa

1763: 42, 51-52

Male redescribed in the *Ochrotrichia tarsalis* Group from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 138-139, f 135-136 Holotype--Male; COSTA RICA: Puntarenas, Rio Guineal, ca 1 km (air) E Finca Helechales, el 840 m, 09°04'56"N, 083°05'52"W, 22-Feb-1986, Holzenthal, Morse, Fasth; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 139) Costa Rica)

*Ochrotrichia (Ochrotrichia) ramona* J Bueno-Soria & RW Holzenthal, 1998 : NT (Male described originally)

Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 52

Male redescribed in the *Ochrotrichia cruces* Group from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 146, f 161-162 Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencita and trib, el 980 m, 10°12'96"[sic]N, 084°36'42"W, 30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 146) Costa Rica)

*Ochrotrichia (Ochrotrichia) raposa* J Bueno-Soria & S Santiago de Fragoso, 1992 : NT (Colombia)

*Ochrotrichia (Ochrotrichia) regina* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia lupita* J Bueno-Soria & S Santiago-Fragoso from Panama by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 120-121, f 51-52 Holotype--Male; PANAMA: Canal Zone, Barro Colorado Island, Snyder-Molino Trail, Marker 3, Trap level-I, 30-xi-6-xii-1988, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 120) Panama)

*Ochrotrichia (Ochrotrichia) regionmontana* J Bueno-Soria & RW Holzenthal, 2004 : NA (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia panamanensis*)

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia panamensis* OS Flint from Mexico (Nuevo Leon) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 155, f 208-209 Holotype--Male; Mexico: Nuevo Leon, Municipio Santiago, Potrero Redondo, 10-vi-1985, A Contreras; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Nuevo Leon))

*Ochrotrichia (Ochrotrichia) riesi* HH Ross, 1944 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) robisoni* KS Frazer & SC Harris, 1991 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) rothi* DG Denning & RL Blickle, 1972 : NA (Male described originally)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Male redescribd in the *Ochrotrichia lometa* Group near *Ochrotrichia adria* DG Denning & RL Blickle from Mexico (Chihuahua, Sonora) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 152, f 190-192 United States of America)

*Ochrotrichia (Ochrotrichia) salaris* RL Blickle & DG Denning, 1977 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) seiba* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Ochrotrichia insularis* ME Mosely and *Ochrotrichia ayaya* L Botosaneanu, from the Dominican Republic (El Seibo, Elias Pena) Holotype--Male; DOMINICAN REPUBLIC: El Seibo Province, Pedro Sanchez, small stream, 10 June 1976, RE Woodruff; deposited in the Florida State Collection of Arthropods, Gainesville, Florida, United States of America Dominican Republic)

*Ochrotrichia (Ochrotrichia) serra* L Botosaneanu, 1991 : NT (Male described originally)

Known only from the type specimens according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 39 Haiti)



*Ochrotrichia (Ochrotrichia) serrana* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male described originally)

Male redescribed in the *Ochrotrichia lometa* Group from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 156, f 210-211 Holotype--Male; MEXICO: Guerrero, Acahuizotla, 10 km E of Chilpancingo, 10-xi-1982, J Bueno, E Barrera, H Brailovsky; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 156) Mexico (Guerrero))  
*Ochrotrichia (Ochrotrichia) shawnee* (HH Ross, 1938) : NA (United States of America)

*Polytrichia shawnee* HH Ross, 1938

*Ochrotrichia (Ochrotrichia) silva* J Bueno-Soria & RW Holzenthal, 1998 : NT (Reported from an additional locality in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 52)

Male redescribed in the *Ochrotrichia aldama* Group near *Ochrotrichia dulcea* J Bueno-Soria & RW Holzenthal from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 121-122, f 53-54 Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and Tribes, el 980 m, 19°12'96"[sic]N, 84°36'42"W30-iii-1-iv-1987, Holzenthal, Hamilton, Heyn; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 122) Costa Rica)

*Ochrotrichia (Ochrotrichia) spina* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia ixtlahuaca*)

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia ixtlahuaca* J Bueno-Soria & RW Holzenthal from Mexico (Veracruz) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 156-157, f 212-213 Holotype--Male; Mexico: Veracruz, Puente Rio Jamapa, Route Coscomatepec-Huatusco, el 1320 m, 27-x-2000, J Bueno, R Barba; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Veracruz))

*Ochrotrichia (Ochrotrichia) spinosa* (HH Ross, 1938) : NA (Resource partitioning among *Hydroptila consimilis* and *Ochrotrichia wojeickyi* in Ohio described by JB Keiper & BA Foote, 2000, Ann Entomol Soc Amer 93(2): 225-234 United States of America)

*Polytrichia spinosa* HH Ross, 1938

*Ochrotrichia (Ochrotrichia) spinosissima* OS Flint, 1964 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 44 Puerto Rico)

*Ochrotrichia (Ochrotrichia) spinula* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia poblana*)

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia poblana* J Bueno-Soria & S Santiago-Fragoso from Mexico (Chiapas) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 157, f 214-215 Holotype--Male; Mexico: Chiapas, Reserva de la Biosfera El Triunfo, 8-v-1995, E Barrera; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Chiapas))

*Ochrotrichia (Ochrotrichia) spinulata* DG Denning & RL Blickle, 1972 : NA (Male described originally)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Male redescribed in the *Ochrotrichia cruces* Group from Mexico (Chihuahua) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 146, f 163-164 United States of America)

*Ochrotrichia (Ochrotrichia) spinulosa* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) Holotype--Male; MEXICO:

Estado de Mexico, Temascaltepec Real de Arriba, el 1720 m, 19°02'24"N, 100°02'47"W, 16-ii-1990, A Rojas; deposited in the Coleccion Nacional de Insectos of the Instituto de Biologia, Universite Nacional Autonomia de Mexico, Mexico City, Mexico Mexico (Chiapas))

*Ochrotrichia (Ochrotrichia) stylata* (HH Ross, 1938) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194

Male redescribed in the *Ochrotrichia tarsalis* Group from Guatemala, Mexico (San Luis Potosi, Veracruz), and Honduras by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 139-140, f 139-140 United States of America)

*Polytrichia stylata* HH Ross, 1938

*Ochrotrichia (Ochrotrichia) susanae* OS Flint & SJ Herrmann, 1976 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) tagala* OS Flint, 1972 : NT (Male described originally)

Reported from Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 52

Male redescribed in the *Ochrotrichia arranca* Group from Guatemala, Nicaragua, and Mexico (Veracruz) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 128, f 81-82 Holotype--Male; GUATEMALA: Huehuetenango, 20 miles (32 km) northwest of Huehuetenango, 9-10-viii-1967, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 128) Guatemala) *Ochrotrichia (Ochrotrichia) tarsalis* (HA Hagen, 1861) : NA (Flight period, voltinism by DC Houghton & KW Stewart, 1998, Entomol News 109(2): 103-109

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194

Male redescribed in the *Ochrotrichia tarsalis* Group near *Ochrotrichia stylata* (HH Ross) from Mexico (San Luis Potosi) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 139, f 137-138 Canada)

*Hydroptila tarsalis* HA Hagen, 1861

*Ochrotrichia (Ochrotrichia) tenanga* (ME Mosely, 1937) : NT (Male described originally)

Reported from additional localities in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 52-53

Male redescribed in the *Ochrotrichia tenanga* Group near *Ochrotrichia felipe* HH Ross and *Ochrotrichia palitla* OS Flint from Costa Rica, Guatemala, Honduras, Mexico (Tabasco, Veracruz), and Panama (Canal Zone) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 144, f 156 Mexico (Chiapas))

*Polytrichia tenanga* ME Mosely, 1937

*Ochrotrichia (Ochrotrichia) tenuata* RL Blickle & DG Denning, 1977 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) transylvanica* SC Harris & MA Floyd, 1997 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) trapoiza* HH Ross, 1947 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) trinitatis* OS Flint, 1996 : NT (Trinidad)  
*Ochrotrichia (Ochrotrichia) tuscaloosa* SC Harris & RW Kelley, 1984 : NA (United States of America)  
*Ochrotrichia (Ochrotrichia) unica* J Bueno-Soria & S Santiago de Frago, 1992 : NT (Colombia)  
*Ochrotrichia (Ochrotrichia) unicornia* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally)

Male redescribed in the *Ochrotrichia aldama* Group from Mexico (Oaxaca) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 122, f 55-57 Holotype--Male; Mexico: Oaxaca, Santa Maria de Yavesia (water plant), el 1930 m, 17°13'36"N, 96°25'35"W, 16-viii-2001, J Bueno, R Barba, A Ibarra; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Oaxaca)

*Ochrotrichia (Ochrotrichia) unio* (HH Ross, 1941) : NA (United States of America)

*Polytrichia unio* HH Ross, 1941

*Ochrotrichia (Ochrotrichia) velascoi* J Bueno-Soria & S Santiago de Frago, 1997 : NT (Male described originally)

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia buccata* DG Denning & RL Blickle from Mexico (Guerrero) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 157-158, f 216-217 Holotype--Male; MEXICO: Guerrero, route 134, 102 km NW of Zihuatanejo, el 1200 m, 07-vi-1984, J Bueno, E Marino; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 158) Mexico (Guerrero))

*Ochrotrichia (Ochrotrichia) verbekei* S Jacquemart, 1968 : AT (Democratic Republic of the Congo)

*Ochrotrichia (Ochrotrichia) verda* OS Flint, 1968 : NT (Male described originally)

Known from Puerto Rico and Dominican Republic (Barahona) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 40 Puerto Rico)

*Ochrotrichia (Ochrotrichia) vertreesi* DG Denning & RL Blickle, 1972 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) vieja* J Bueno-Soria & RW Holzenthal, 1998 : NT (Male described originally)

Reported from additional localities in Costa Rica by J Bueno-Soria & RW Holzenthal, 2008, Zootaxa 1763: 42, 53

Male redescribed in the *Ochrotrichia cruces* Group near *Ochrotrichia cruces* OS Flint from Costa Rica by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 147, f 165-166 Holotype--Male; COSTA RICA: Alajuela, PN Rincon de la Vieja, Quebrada Provision, k el 810 m, 10°46'14"N, 085°16'86"[sic]W, 04-iii-1896[sic], Holzenthal, Fasth; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 147) Costa Rica)

*Ochrotrichia (Ochrotrichia) villarenia* L Botosaneanu, 1980 : NT (Cuba)

*Ochrotrichia (Ochrotrichia) weddleae* HH Ross, 1944 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) weoka* SC Harris, 1989 : NA (United States of America)

*Ochrotrichia (Ochrotrichia) wojcickyi* RL Blickle, 1963 : NA (Larval case described by JB Keiper, DA Casamatta, & BA Foote, 1998, Entomol News 109(4): 256

Biology and larval feeding habits, resource partitioning among *Hydroptila consimilis* and *Ochrotrichia spinosa* described by JB Keiper & BA Foote, 2000, Ann Ent Soc Amer 93(2): 225-234 United States of America)

*Ochrotrichia (Ochrotrichia) xena* (HH Ross, 1938) : NA (larva described by JB Keiper, 1999, Entomol News 110(4): 231-235 United States of America)

*Polytrichia xena* HH Ross, 1938

*Ochrotrichia (Ochrotrichia) yanayacuana* J Bueno-Soria & S Santiago de Frago, 1992 : NT (Ecuador)

*Ochrotrichia (Ochrotrichia) yavesia* J Bueno-Soria & RW Holzenthal, 2004 : NT (Male described originally in the *Ochrotrichia lometa* Group near *Ochrotrichia logana* HH Ross and *Ochrotrichia*

lometa HH Ross

Male redescribed in the *Ochrotrichia lometa* Group near *Ochrotrichia logana* HH Ross and *Ochrotrichia lometa* HH Ross from Mexico (Oaxaca) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 158, f 218-220 Holotype--Male; Mexico: Oaxaca, Santa Maria de Yavesia (water plant), el 1930 m, 17°13'36"N, 96°25'35"W, 16-viii-2001, J Bueno, R Barba, A Ibarra; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Oaxaca))  
*Ochrotrichia (Ochrotrichia) yepachica* SC Harris & SR Moulton, 1993 : NA (Male described originally)

Male redescribed in the *Ochrotrichia arranca* Group from Mexico (Chihuahua) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 128-129, f 83-85 Holotype--Male; MEXICO: Chihuahua, Rio Conchino at Hwy 16, 12 km SW Yepachic, 25-v-1991, S Harris, A Contreras; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 128-129) Mexico (Chihuahua))  
*Ochrotrichia (Ochrotrichia) yetla* J Bueno-Soria, 2009 : NT (Male described originally in the *Ochrotrichia arranca* Group near *Ochrotrichia arranca* (ME Mosely) Holotype--Male; MEXICO: Oaxaca, San Mateo Yetla, el 840 m, 17°.75N, 96°.4W, 14-x-1990, E Barrera, E Ramirez; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Oaxaca))  
*Ochrotrichia (Ochrotrichia) zihuaquia* J Bueno-Soria & S Santiago de Fragoso, 1997 : NT (Male described originally)

Male redescribed in the *Ochrotrichia blanca* Group from Mexico (Guerrero, Oaxaca) by J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 132-133, f 109-111 Holotype--Male; MEXICO: Guerrero, route 134, 102 km NW of Zihuatanejo, el 1200 m, 7-vi-1984, J Bueno, E Marino; deposited in the Coleccion Nacional de Insectos, Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico (J Bueno-Soria, 2009, Transactions of the American Entomological Society 135(1+2): 133) Mexico (Guerrero))  
*Ochrotrichia (Ochrotrichia) zioni* DG Denning & RL Blickle, 1972 : NA (United States of America)

### ***Odontocerum* WE Leach, 1815**

*Odontocerum albicorne* (JA Scopoli, 1763) (Egg mass, egg ultrastructure described by MC Bicchierai & E Gaino, 1997, P Internatn Symp Trich 8: 25-30)

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 283

Effects of increased larval case building investment on adult traits described by DJ Stevens, MH Hansell, JA Freel, & P Monaghan, 1999, P Roy Soc London Series B Biol Sci 266(1423): 1049-1054

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Female genitalia redescribed by L Ujvarosi, 2002, Proc Internatn Symp Trich 10: 390-391, f 3, 4A

Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 134

Egg envelope (vitelline envelope and chorion) described by MC Bicchierai & E Gaino, 2005, Proc Internatn Symp Trichoptera 11: 55-62

Degree of intolerance score (DIS) of 7.91 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 121 (Bosnia)

*Phryganea albicorne* JA Scopoli, 1763

Syn.: *Crenogenes incomtus*, 1838

Syn.: *Molanna albicornis incanus* F Kolenati, 1859

Syn.: *Mystacide cylindrica* FJ Pictet, 1834

Syn.: *Odontocerus griseum* WE Leach, 1815

Syn.: *Odontocerus maculipennis* J Curtis, 1834

*Odontocerus hellenicum* H Malicky, 1972 (Female genitalia redescribed by L Ujvarosi, 2002, Proc Internatn Symp Trich 10: 393, f 3, 4B Greece)

*Odontocerus lusitanicum* H Malicky, 1975 (Female genitalia redescribed by L Ujvarosi, 2002, Proc Internatn Symp Trich 10, f 4C Portugal)

### ***Oecetis* R McLachlan, 1877**

*Oecetis abhinagupta* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 614 India)

*Oecetis absimilis* DE Kimmins, 1962 : AT (Uganda)

*Oecetis accola* A Neboiss, 1989 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 614 Papua New Guinea)

*Oecetis acuminata* DE Kimmins, 1962 : AU (Papua)

*Oecetis acuta* G Ulmer, 1931 : AT (Republic of South Africa)

*Oecetis ada* A Wells, 2006 : OL (Male described originally in the *Oecetis pechana* Group from northeastern Queensland Holotype--Male; Australia: Northern Territory, Litchfield National Park, Ada Creek, at jump up, 24-25 Jun 1992, Wells and Webber; Northern Territory Museum of Arts and Sciences, Darwin, Australia Australia)

*Oecetis adalaidica* A Wells, 2000 : AU (Australia)

*Oecetis aduncata* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from eastern New South Wales and southeastern and far northern Queensland Holotype--Male; Australia: Queensland, Girraween National Park, nr Wyberba, 10 Oct 1973, A Neboiss (NMV T18518); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis aedon* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group, from Thailand and Indonesia (North Sumatra)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; THAILAND, Khao Sok NP, 6-xii-1991, leg Schwendinger; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis aeoloptera* DE Kimmins, 1953 : AU (Male of the species, occurring in eastern Victoria, northeastern New South Wales, southeastern and northern Queensland, northern Northern Territory to northern Western Australia, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 89, 94, f 26-29, 109 Holotype--Male; Australia, New South Wales, Murwillumbah; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 94) Australia)

*Oecetis aequatorialis* G Marlier, 1958 : AT (Democratic Republic of the Congo)

*Oecetis afra* ME Mosely, 1934 : AT (Zambia)

*Oecetis africana* (G Ulmer, 1931) : AT (Sierra Leone)

*Ptochoecetis africana* G Ulmer, 1931

*Oecetis aganda* ME Mosely, 1936 : AT (Uganda)

Syn.: *Oecetis punctata* ME Mosely, 1932  
*Oecetis akimi* DG Gibbs, 1973 : AT (Ghana)  
*Oecetis albopunctata* (JA Lestage, 1919) : AT (Democratic Republic of the Congo)  
*Setodellina albopunctata* JA Lestage, 1919  
*Oecetis alticolaria* W Mey, 1998 : OL (Male described originally, closely related to *Oecetis peterseni* W Mey)

Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612  
Holotype--Male; PHILIPPINES: Panay, Antique, San Reminigio, Aningalan, 900 m, 9-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))  
*Oecetis amazonica* (N Banks, 1924) : NT (Male redescribed from Argentina, Bolivia, Brazil, Peru, Venezuela near *Oecetis inconspicua* (F Walker), *Oecetis pseudoinconspicua* J Bueno-Soria, and *Oecetis excisa* G Ulmer by PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 21, f 1A-F Brazil)

*Oecetina amazonica* N Banks, 1924  
*Oecetis ambatoma* D Randriamasimanana & FM Gibon, 2000 : AT (Male described originally Holotype--Male; Madagascar: Anjozorobe, sur la riviere Ambalambongo, bassin de la Betsiboka, station 02-61, long 47°57'07" E, lat 18°27'15" S, alt 1300 m, 8-XI[Nov]-1995, specimens P0534-1; Euparal slide preparation of genitalia, Euparal slide preparation of wings, remainder of specimen in alcohol, deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle, Paris Madagascar)

*Oecetis anandra* D Randriamasimanana & FM Gibon, 2000 : AT (Holotype--XXX?; MADACASCAR: Fort Dauphin, Anandrano River Madagascar)

*Oecetis ancala* A Wells, 2004 : AU (Male described originally in the *Oecetis longiterga* Group from northern Western Australia, northern Northern Territory, southeastern Queensland, eastern New South Wales, and southcentral Victoria Holotype--Male; Australia: southeastern Queensland, Bulimba Creek, nr Brisbane Site R1, near Kimmex Street riffle, 23 Oct 1979 (NMV T18523); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis angirasa* F Schmid, 1995 : OL (Male described originally, an isolated species)

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623  
Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hills, Mawpran 6-iv-1960 (CNC 22155); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis angulata* DE Kimmins, 1963 : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623 India)

*Oecetis angusta* (N Banks, 1920) : OL (Borneo?)

*Oecetina angusta* N Banks, 1920

*Oecetis angustipennis* ME Mosely, 1939 : AT (Preoccupied by AV Martynov, 1936, to be renamed Ruwenzori)

*Oecetis angustipennis* (AV Martynov, 1936) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623 India)

*Setodellina angustipennis* AV Martynov, 1936

*Oecetis aniruddha* F Schmid, 1995 : OL (Male described originally, an isolated species near *Oecetis kartavirya* F Schmid and *Oecetis ceylanica* G Ulmer Holotype--Male; INDIA: Assam, Manipour, Imphal 22-26-viii-1960 (CNC 22159); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis anjiro* D Randriamasimanana & FM Gibon, 2000 : AT (Male described originally Holotype--Male; Madagascar: Anjiro, sur la riviere Manambolo, bassin du Mangoro, station 07-14, long 4°02'44" E, lat 18°52'30" S, alt 865 m, 17-X[Oct]-1995, specimen P0505-1; Euparal slide preparation of genitalia, Euparal slide preparation of wings, remainder of specimen in alcohol, deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle, Paris Madagascar)

*Oecetis anomala* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Oecetis antennata* (AV Martynov, 1935) (Assigned to the *Oecetis penicillata* DE Kimmins Group, from Russia (Amur basin), by F Schmid, 1995, Faberies 20(4): 116)

New combination from *Oecetodella* to *Oecetis*, male redescribed, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 9, 138-139, 141, 143-144, f 149

Reported from Far East Russia and China, assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Russia (southern Far East))

*Oecetodella antennata* AV Martynov, 1935

*Oecetis apicipennis* (N Banks, 1913) : OL (Philippines)

*Setodes apicipennis* N Banks, 1913

*Oecetis appendiculata* G Ulmer, 1923 : AT (Sudan)

*Oecetis arawana* A Neboiss, 1989 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 614 Papua New Guinea)

*Oecetis arcada* ME Mosely, 1953 : AU (Male of the species, occurring in Tasmania, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 97, f 39-40, 113 Holotype--Male; AUSTRALIA: Tasmania, Cradle Mountains; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 97) Australia (Tasmania))

Syn.: *Oecetis albodecorata* S Jacquemart, 1965

*Oecetis arctipennis* DE Kimmins, 1962 : AU (Papua)

*Oecetis arizonica* DG Denning, 1951 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Oecetis armadillo* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group Holotype--Male; THAILAND, Kao Soi Dao NP, 22-23 iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis asbolos* H Malicky, 2005 : OL (Male described originally Holotype--Male; SRI LANKA: Udagama, Kannelija Jungle, 6-12-x-1973, leg Krombein et al; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Oecetis asciata* DG Gibbs, 1973 : AT (Ghana)

*Oecetis asmada* H Malicky, 1979 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from Andaman Islands, Thailand, Vietnam, and Indonesia (Sumatra) by H Malicky, 2005, Linzer biol Beitr 37(1): 614

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Andaman, Vietnam, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

India (Andaman Islands))

*Oecetis asmanista* ME Mosely, 1953 : AU (Male of the species, occurring in Tasmania and southcentral Victoria, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 92-93, f 19-20, 107 Holotype--Male; AUSTRALIA: Tasmania; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 92) Australia)

Syn.: *Oecetis geevestonia* A Neboiss, 1974

*Oecetis assamensis* DE Kimmins, 1963 : OL (Assigned to the *Oecetis assamensis* DE Kimmins Group, from India (Khasi Hills), by F Schmid, 1995, Fabrerries 20(4): 127

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623 India)

*Oecetis asymmetrica* DE Kimmins, 1962 : AU (Papua)

*Oecetis atarpa* ME Mosely, 1953 : AU (Male of the species, occurring throughout Australia, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 90-91, f 7-9, 103 Australia)

*Oecetis atpomarus* H Malicky, 1992 : AT (Anjouan Island)

*Oecetis australis* (N Banks, 1920) : AU (Male redescribed in *Oecetis pechana* Group from eastern Australia (Tasmania to northern Queensland), Kangaroo Island South Australia, northwestern Northern

Territory Holotype--Male; AUSTRALIA: Queensland, Cedar Creek, Mt Tamborine; deposited in the Queensland Museum, Brisbane, Australia (A Wells, 2006, Mem Mus Victoria 63(2): 110) Australia)

*Oecetina australis* N Banks, 1920

Syn.: *Oecetis situla* K Korboot, 1964

*Oecetis avara* (N Banks, 1895) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194

Male redescribed from Belize, Bolivia, Brazil, Canada, Colombia, Costa Rica, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, Panama, Peru, Trinidad, United States of America, Venezuela in the *Oecetis avara* Complex [*Oecetis disjuncta* (N Banks), *Oecetis metlacensis* J Bueno-Soria, *Oecetis marquezii* J Bueno-Soria, and *Oecetis elata* DG Denning & J Sykora by PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 21, f 2A-F Canada)

*Setodes avara* N Banks, 1895

*Oecetis barbarae* A Neboiss, 1989 : AU (Australia)

*Oecetis barisan* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Oecetis testacea* Group near *Oecetis chrysaor* H Malicky Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Oecetis belihuloya* H Malicky, 1973 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from Sri Lanka, by F Schmid, 1995, Faberies 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 614 Sri Lanka)

*Oecetis bellula* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 China (Jiangxi))

*Oecetis bengalica* AV Martynov, 1936 : OL (Reported in the *Oecetis bengalica* AV Martynov Group from India (Bihar), Thailand, Malaysia (Perak) by H Malicky, 2005, Linzer biol Beitr 37(1): 632

Male re-illustrated, reported from Cambodia, India, Thailand, and Malaysia (Perak) by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 27, f 11

Distributed in Thailand, Malaysia, and India according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

India)

*Oecetis beneri* DE Kimmins, 1957 : AT (Gold Coast)

*Oecetis bhairava* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis bhavabhuti* F Schmid, 1995 : OL (Spelled "bhavabuti" and assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis bicaudata* L Navas, 1931 : AT (Chad)

*Oecetis bicuspidata* DG Gibbs, 1973 : AT (Ghana)

*Oecetis bilobosa* OS Flint, 1974 : NT (Surinam)

*Oecetis biramosa* AV Martynov, 1936 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, probably widely distributed in southern Asia, by F Schmid, 1995, Faberies 20(4): 120



Male and female redescribed, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 8, 128-129, 143, 146, f 140

Assigned to the *Oecetis testacea* J Curtis Group, reported from India, Sri Lanka, Tonking, Thailand, and Malaysia (Perak) by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34

Distributed in Thailand, Malaysia, India, and Sri Lanka according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262  
India)

Syn.: *Oecetis aglaura* F Schmid, 1950

*Oecetis blythi* A Wells, 2000 : AU (Australia)

*Oecetis brachyura* L Yang & JC Morse, 1997 : OL (Male fully described, type designated, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 8, 129-130, 133, 143, 146, f 141

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Hiroshima Prefecture (Japan), as *Oecetis bracyura*, by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 China (Guizhou)

*Oecetis brevidentata* A Wells, 2004 : AU (*Oecetis* sp E of A Wells, 1991, Guide caddisfl Alligator Rivers reg, Northern Territory, f 138, 172-176

Male described originally in the *Oecetis laustra* Group in the Alligator Rivers region of northern Northern Territory Holotype--Male; Australia: Northern Territory, Katherine River Gorge National Park, 13°23.9'S, 133°10.0'E, 13 Aug 1979, J Blyth; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis brevis* DE Kimmins, 1963 : AT (Ethiopia)

*Oecetis brignolii* H Malicky, 1981 (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40 Turkey)

*Oecetis brunnescens* (G Ulmer, 1923) : AT (Sudan)

*Setodellina brunnescens* G Ulmer, 1923

*Oecetis bullata* L Yang & JC Morse, 1997 : OL (Male and female fully described, type designated, placed in subgenus *Oecetis* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 8, 121-122, 145, 147

**Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623 China (Anhui)**

***Oecetis burtoni* A Neboiss, 1978 : AU (Male redescribed in the *Oecetis pechana* Group from coastal areas of northern Australia by A Wells, 2006, Mem Mus Victoria 63(2): 123, f 46-48, 72 Holotype--Male; Australia: Queensland, Fraser Island; T-5749; deposited in the Museum of Victoria, Melbourne, Australia (A Wells, 2006, Mem Mus Victoria 63(2): 123) Australia)**

***Oecetis caelum* YE Chen (nomen nudum, Male described originally in unpublished MS thesis, Clemson University, 1990**

**Male redescribed in unpublished PhD dissertation, YE Chen, 1993**

**Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 623 Taiwan)**

***Oecetis canariensis* F Brauer, 1900 (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 Spain (Canary Islands))**

***Oecetis carlibanezae* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis scoparia* OS Flint, *Oecetis peruviana* (N Banks), and *Oecetis traini* PR Martin, FM Gibon, & CI Molina Holotype--Male; BOLIVIA: Beni, Lake Belen, near Trinidad, 14°27'29"S,**

064°51'41"W, 26-v-2003; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis carvalhoi* G Marlier, 1965 : AT (Angola)

*Oecetis catenulata* A Neboiss, 1989 : AU (Australia)

*Oecetis caucula* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*;

Reported from Japan by T Nozaki & S Nakamura, 2002, Misc Rep Hiwa Mus Natr Hist 41: 165-180

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 China (Anhui))

*Oecetis caudata* L Navas, 1936 : AT (Kenya)

*Oecetis ceylanica* (G Ulmer, 1915) : OL (An isolated species, in Sri Lanka and India (Kerala, Mysore), according to F Schmid, 1995, Fabrerries 20(4): 133 Sri Lanka)

*Oecetinella ceylanica* G Ulmer, 1915

*Oecetis chathamensis* RJ Tillyard, 1925 : AU (New Zealand (Chatham Islands))

*Oecetis chipiriri* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis knutsoni* OS Flint Holotype--Male; BOLIVIA: Cochabamba, small tributary of the Rio Espiritu Santo, Chipiriri, near Villa Tunari, 16°50'45"S, 065°25'33"W, 25-ix-2003; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis chrysaor* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis meleagros* H Malicky & I Thani, from Indonesia (Sumatra) and Malaysia (Pahang)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Aceh, Krueng Luas, 8-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis cinerascens* (HA Hagen, 1861) : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Setodes cinerascens* HA Hagen, 1861

Syn.: *Oecetina floridana* N Banks, 1899

Syn.: *Oecetina fumosa* N Banks, 1899

Syn.: *Setodes floridana* N Banks, 1905

*Oecetis circinata* DG Gibbs, 1973 : AT (Ghana)

*Oecetis claggi* N Banks, 1937 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 Philippines)

*Oecetis clavata* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Oecetis*

Assigned to the *Oecetis lacustris* FJ Pictet Group, reported from China, Nepal, Thailand by H Malicky, 2005, Linzer biol Beitr 37(1): 623

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Distributed in Thailand, China, and Nepal according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 China (Sichuan))

*Oecetis cochleata* G Marlier, 1956 : AT (Lake Tanganyika)

*Oecetis cohaesa* W Mey, 1998 : OL (Male described originally, resembling *Oecetis koyana* DE Kimmins

Assigned to the *Oecetis testacea* J Curtis Group, reported from Philippines (Payan, Sibuyan) by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from The Philippines (Panay, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Holotype--Male; Philippines: Panay, Antique, Culasi, St Vincente, 400 m, 11-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany

**Philippines (Panay))**

*Oecetis comalis* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*)

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608 China (Sichuan))

*Oecetis complex* C Hwang, 1957 : OL (Male and female redescribed, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 2, 8, 128, 131-132, 146, 148, f 143, 228

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 China (Fujian))

*Oecetis complexa* DE Kimmins, 1953 : AU (*Oecetis complexa* Species Group described, systematics, distribution, key to males provided by A Wells, 2000, *Mem Mus Victoria* 58(1): 77-78 Australia)

*Oecetis connata* OS Flint, 1974 : NT (Surinam)

*Oecetis coomana* L Navas, 1932 : OL (Assigned to the *Oecetis kurukchetra* F Schmid Group, from Vietnam, by F Schmid, 1995, *Fabrerries* 20(4): 130

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 623

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34 Vietnam)

*Oecetis corbeti* T Malm & KA Johanson, 2011 : AT (Uganda, Tanganyika)

Syn.: *Oecetis africana* DE Kimmins, 1957

*Oecetis cornuata* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*)

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608 China (Fujian))

*Oecetis cracentia* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group in Kimberley region of northern Western Australia and northern Northern Territory Holotype--Male; Australia: Western Australia, King Edward River, 4-5 May 1992, 14°52.57'S, 126°12.08'E, PS Cranston; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis crassicornis* G Ulmer, 1930 : OL (Philippines)

*Oecetis crena* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from eastern Victoria Holotype--Male; Australia: Victoria, Gibbo River at Exhibition Creek junction, 20 km N Benambra, 16 Jan 1982, A Wells (NMV T-18512), deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis cristata* DE Kimmins, 1963 : OL (India)

*Oecetis crosslandi* A Wells, 2004 : AU (Male described originally in the *Oecetis longiterga* Group from northern Cape York, Queensland Holotype--Male; Australia: Queensland, Gunshot Creek at Telegraph Crossing, 11°44'S, 142°29'E, 4-5 Apr 1992, M Crossland; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis curta* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from eastern New South Wales and southeastern and far northern Queensland Holotype--Male; Australia: Queensland, Girraween National Park, nr Wyberba, 10 Oct 1973, A Neboiss (NMV T18518); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis cymula* A Neboiss, 1982 : AU (Male of the species, occurring in southwestern Western Australia, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, *Mem of Mus Victoria* 61(1): 88, 97, f 41-43, 114 Australia)

*Oecetis dakchineswara* F Schmid, 1995 : OL (Male described originally, in the *Oecetis penicillata* DE Kimmins Group, near *Oecetis goraknata* F Schmid

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608 Holotype--Male; INDIA: Mysore, Someshwar, 27-i-1959 (CNC 22141); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis daytona* HH Ross, 1947 : NA (United States of America)

*Oecetis decora* DE Kimmins, 1957 : AT (Tanganyika)

*Oecetis desaegeri* S Jacquemart, 1967 : AT (Democratic Republic of the Congo)

*Oecetis devakiputra* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from India, Nepal, and Thailand by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Distributed in Thailand, India, and Nepal according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 (India)

*Oecetis dhatusena* F Schmid, 1958 : OL (Sri Lanka)

*Oecetis diclava* W Mey, 1998 : OL (Male described originally in the *Oecetis lacustris* Group

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 20-30-x-1995, 1600 m, light trap, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Oecetis digitata* A Wells, 2004 : AU (Male described originally in the *Oecetis longiterga* Group from Queensland, Northern Territory, and Kimberley Region of northern Western Australia Holotype--Male; Australia: Northern Territory, Jim Jim Waterhole, Kakadu National Park, 5 September 1979, J Blyth (NMV T18522); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis dilata* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Oecetis*

Reported from Japan by T Nozaki & S Nakamura, 2002, *Misc Rep Hiwa Mus Natr Hist* 41: 165-180

Reported from Japan by S Nakamura, K Nigo, T Sudo, & K Takamura, 2003, *Miscellaneous Reports of the Hiwa Museum of Natural History* 42(3): 93-180

Assigned to the *Oecetis lacustris* FJ Pictet Group, reported from China and Japan (Hokkaido) by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 China (Anhui)

*Oecetis dioskure* H Malicky, 2008 : OL (Male described originally in the *Oecetis eburnea* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Oecetis disjuncta* (N Banks, 1920) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Oecetina disjuncta* N Banks, 1920

*Oecetis ditissa* HH Ross, 1966 : NA (United States of America)

*Oecetis doesburgi* OS Flint, 1974 : NT (Surinam)

*Oecetis dominguezii* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis connata* OS Flint, *Oecetis punctipennis* (G Ulmer), and *Oecetis iguazu* OS Flint Holotype--Male; BOLIVIA: Beni, Lake Colorada, near Trinidad, 14°48'21"S, 064°58'41"W, 16-xi-2002; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis dostinei* A Wells, 2004 : AU (*Oecetis* sp G of A Wells, 1991, *Guide caddisfl Alligator Rivers reg, Northern Territory*, f 144

Male described originally in the *Oecetis laustra* Group from northern Northern Territory and

northern Queensland Holotype--Male; Australia: Queensland, Erwin Falls on Eliot Creek, 100 km S of Bamaga, 7 Nov 1988, K Walker (NMV T18520); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis dvichakha* F Schmid, 1975 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from Bhutan and India (Kameng), as "*Oecetis dvichaka*," from Bhutan, by F Schmid, 1995, *Fabrerries* 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 (Bhutan)

*Oecetis eburnea* F Schmid, 1961 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 612 Pakistan)

*Oecetis eddlestoni* HH Ross, 1938 : NA (United States of America)

*Oecetis elata* DG Denning & JL Sykora, 1966 : NA, NT (Mexico (Veracruz))

*Oecetis elouardi* FM Gibon & D Randriamasimanana, 1998 : AT (Madagascar)

*Oecetis empusa* H Malicky & P Chaibu, 2000 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from Thailand, Laos, and Vietnam by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Distributed in Thailand, Laos, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 (Thailand)

*Oecetis epekeina* A Neboiss, 1989 : AU (Australia)

*Oecetis erskinensis* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group Holotype--Male; Australia: Lord Howe Island, Erskine Valley, Erskine Creek, 21-22 Nov 1996, Wells and Mound; deposited in the Australian National Insect Collection, Canberra, Australia Australia (Lord Howe Island))

*Oecetis evirga* YE Chen (nomen nudum, Male described originally in unpublished MS thesis, Clemson University, 1990

Male redescribed in unpublished PhD dissertation, YE Chen, 1993

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 (Taiwan)

*Oecetis excisa* G Ulmer, 1907 : NT (Male re-described as a distinct species from Argentina, Bolivia, Brazil, Mexico, Paraguay, Venezuela near *Oecetis inconspicua* (F Walker) by PR Martin, FM Gibon, & CI Molina, 2011, *Zootaxa* 2821: 25, f 6A-E Argentina)

Syn.: *Oecetis apicata* L Navas, 1931

Syn.: *Oecetis castilleja* L Navas, 1920

Syn.: *Oecetis muhnia* L Navas, 1920

Syn.: *Oecetis mutila* L Navas, 1918

*Oecetis fahieni* F Schmid, 1958 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Sri Lanka)

*Oecetis falcata* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from far northern Queensland Holotype--Male; Australia: Queensland, Cape York, Upper Jardine River, 11°14'S, 142°36'E, 26 Oct 1979, MS and BJ Moulds (NMV T18515); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis falcia* DG Denning, 1966 : NT (Panama)

*Oecetis fasciata* JA Lestage, 1919 : AT (Democratic Republic of the Congo)

*Oecetis filosa* (C Linnaeus, 1758) (Nomen dubium)

(1) Placed as a junior synonym of *Oecetis ochracea* by R McLachlan 1877 *Rev Syn* p 331 and FCJ Fischer 1966 *Trich Cat* 7: 136-137, (2) this synonymy was disputed by HDJ Wallengren 1879, *J Linn Soc London Zool* 14: 732, and (3) a species of this name was considered the senior synonym of *Mystacides tineoides* by F Kolenati 1858 *Wien ent Mschr* 2: 256 and F Kolenati's species was placed as a junior synonym of *Athripsodes tineoides* by FCJ Fischer 1965 *Trich Cat* 6: 160 Sweden)

*Phryganea filosa* C Linnaeus, 1758

*Oecetis fimbriata* L Navas, 1935 : OL (India)

*Oecetis flagellaris* L Yang, C Sun, & W Yang, 2001 : OL (Male described originally Holotype--Male; China: Zhejiang, Tianmushan, Sanmuping, 780 m, 17-03-1999, collected by Zhao

Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China (Zhejiang))

*Oecetis flavicoma* W Mey, 1998 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612

Reported from The Philippines (Mindanao, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15 Philippines)

*Oecetis fletcheri* DE Kimmins, 1963 : OL (Male redescribed, assigned to the *Oecetis penicillata* DE Kimmins Group and reported from India by F Schmid, 1995, Faberies 20(4): 117, f 4-7

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608 India)

*Oecetis forcipata* DE Kimmins, 1961 : AT (Senegal)

*Oecetis furva* (P Rambur, 1842) : PA (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 134

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Assigned to the *Oecetis lacustris* FJ Pictet Group, from Europe to Japan, by H Malicky, 2005, Linzer biol Beitr 37(1): 624

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Mystacida furva* P Rambur, 1842

Syn.: *Mystacides filiosus* H Burmeister, 1839

Syn.: *Setodes intaminata* R McLachlan, 1865

*Oecetis furva amurensis* AV Martynov, 1935 (

~*furva* (P Rambur, 1842, Hist nat Nevr p 512), *Mystacida*)

*Oecetis fuscata* DE Kimmins, 1956 : AT (Cameroon)

*Oecetis geniculata* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group from northwestern Northern Territory Holotype--Male; Australia: Northern Territory, Litchfield National Park, Billabong, 18-19 Apr 1992, A Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis georgia* HH Ross, 1941 : NA (United States of America)

*Oecetis ghibensis* DE Kimmins, 1963 : AT (Ethiopia)

*Oecetis gilva* A Neboiss, 1977 : AU (Male redescribed in *Oecetis pechana* Group from southeastern Australia (northern New South Wales, Victoria, Tasmania, to Flinders Ranges in South Australia) by A Wells, 2006, Mem Mus Victoria 63(2): 127-128, f 54, 55, 75 Holotype--Male; Australia: Tasmania, South Esk R near Evandale; T-5491; deposited in the Museum of Victoria, Melbourne, Australia (A Wells, 2006, Mem Mus Victoria 63(2): 127) Australia)

*Oecetis glebula* A Wells, 2000 : AU (Australia)

*Oecetis goodmani* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)

*Oecetis goraknata* F Schmid, 1995 : OL (Male described originally, in the *Oecetis penicillata* DE Kimmins Group

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608 Holotype--Male; INDIA: Assam, Manipour, Khopum 27-v-1960 (CNC 22139); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis gordios* H Malicky, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group near *Oecetis horatius* H Malicky)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tinggi Raja, 3-xii-1995, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis gradata* G Ulmer, 1923 : AT (Sudan)

*Oecetis granulosa* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Oecetis graphata* W Mey, 1998 : OL (

Assigned to *Oecetis hemerobioides* R McLachlan Group by H Malicky, 2005, Linzer biol Beitr 37(1): 611 Philippines)

*Oecetis grazalemae* MA Gonzalez & JC Iglesias, 1989 (Spain)

*Oecetis guamana* (FCJ Fischer, 1970) : AU (Guam)

*Oecetinella guamana* FCJ Fischer, 1970

Syn.: *Oecetinella punctata* N Banks, 1942

*Oecetis gunapatya* F Schmid, 1995 : OL (Male described originally in the *Oecetis kurukchetra* F Schmid Group, near *Oecetis nigropunctata* G Ulmer and *Oecetis meghadouta* F Schmid

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 Holotype--Male; INDIA: Assam, Manipour, Mattiyang 17-iv-1960 (CNC 22151); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis hades* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608 Holotype--Male; Thailand: Doi Angkang, 1500 m, 19°54'N, 99°03'E, 17-3-2002, leg H Malicky; deposited in the H Malicky Collection Lunz am See, Austria Thailand)

*Oecetis haitises* OS Flint & JL Sykora, 2004 : NT (Female described originally, near *Oecetis pratti* DL Denning, from the Dominican Republic (Hato Mayor) Holotype--Female; DOMINICAN REPUBLIC: Hato Mayor Province, Parque Los Haitises, 3 km W Cueva de Arena, 19°04'N, 69°29'W, 20 m, 7-9 Jul 1992, J Rawlins, R Davidson, S Thompson, C Young, mesic lowland forest; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Oecetis halirrhotos* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R. McLachlan Group Holotype--Male; BRUNEI: Temburong, 26-30-iv-1989, leg Allen; deposited in the collection of H Malicky, Lunz am See, Austria Brunei)

*Oecetis hamata* (G Ulmer, 1915) : OL (Sri Lanka)

*Oecetinella hamata* G Ulmer, 1915

*Oecetis hamochiensis* M Kobayashi, 1984 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Oecetis harivamsa* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 India)

*Oecetis hayagriva* F Schmid, 1995 : OL (Male described originally, in the *Oecetis notata* (P Rambur) Group, *Oecetis hayagriva* F Schmid Subgroup

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Holotype--Male; INDIA: Bombay, Nandipur, 1-ii-1959 (CNC 22145); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis helenos* H Malicky & D Thapanya, 2004 : OL (Male described originally in the *Oecetis notata* Group

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Holotype--Male; Thailand: Chiangmai Province, Chiangmai Zoo, Lichtfalle, 18°49'N, 98°57'E, 400 m, 16--23-5-1988, leg Chantaramongkol & Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis hellen* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R.

McLachlan Group Holotype--Male; BRUNEI: Temburong, 26-30-iv-1989, leg Allen; deposited in the collection of H Malicky, Lunz am See, Austria Brunei)

*Oecetis hemerobioides* (R McLachlan, 1866) : AU, OL (Oecetis sp D of A Wells, 1991, Guide caddisfl Alligator Rivers reg, Northern Territory: 61 (in key)

Male of *Oecetis cepaforma* A Wells described originally in the *Oecetis laustra* Group from Queensland, Northern Territory, and Western Australia

Assigned to *Oecetis hemerobioides* R McLachlan Group, relationship to other species discussed, and reported also from Sibuyan, Indonesia (Sumatra), and Thailand by H Malicky, 2005, Linzer biol Beitr 37(1): 611

*Oecetis oecetinellae* W Mey may be a synonym according to A Wells, 2006, Mem Mus Victoria 63(2): 128

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Philippines (Sibuyan), and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Thailand, Indonesia (Sulawesi), and The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 13, 15

Reported from Papua New Guinea (St Matthias Islands: Mussau), Thailand, The Philippines, "Borneo" [Kalimantan], Indonesia (Sumatra, Bali) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 90 Indonesia (Sulawesi)

*Setodes hemerobioides* R McLachlan, 1866

Syn.: *Oecetis cepaforma* A Wells, 2004

Syn.: *Oecetis confluens* G Ulmer, 1906

*Oecetis hertui* D Randriamasimanana & FM Gibon, 1999 : AT (Madagascar)

*Oecetis hippolytos* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R. McLachlan Group Holotype--Male; BRUNEI: Temburong, 26-30-iv-1989, leg Allen; deposited in the collection of H Malicky, Lunz am See, Austria Brunei)

*Oecetis hiranyakachipu* F Schmid, 1995 : OL (Male described originally, an isolated species Holotype--Male; INDIA: Assam, Manipour, Tairenkopki 31-v-1960 (CNC 22157); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis hiranyaksa* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis hoelzeli* H Malicky, 1983 (Cape Verde Islands)

*Oecetis horatius* H Malicky, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group near *Oecetis iapetos* H Malicky & P Chantaramongkol, *Oecetis penicillata* DE Kimmins, 1963, *Oecetis medos* H Malicky & P Bunlue, and *Oecetis gordios* H Malicky Holotype--Male; LAOS: Luang Namtha, 5-30-v-1997, leg C Holzschuh; deposited in the collection of H Malicky, Lunz am See, Austria Laos)

*Oecetis hulstaerti* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Oecetis humphreyi* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis radonensis* from Kimberly region of northern West Australia and northern Northern Territory Holotype--Male; Australia: Northern Territory, Radon Springs, 13-14 Apr 1989, Suter and Wells; T-18841; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis huppin* H Malicky, 2009 : OL (Male described originally in the *Oecetis testacea* Group near *Oecetis meleagros* H Malicky & Thani, *Oecetis kyanippos* H Malicky & Sompong, *Oecetis chrysaor* H Malicky, *Oecetis fahieni* F Schmid, *Oecetis hymenaios* H Malicky, *Oecetis mane* H Malicky, *Oecetis harivamsa* F Schmid, and *Oecetis sicula* L Yang & JC Morse Holotype--Male; VIETNAM: Gia Lai, An Khe District, Tram Lap, Azun River, 2 km NW on train from forestry building, 14°27'N, 108°33'E, 17-vi-1996, leg DC Currie, J Swann; 961056; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Oecetis husam* H Malicky & T Prommi, 2008 : OL (Male described originally Holotype--Male; THAILAND: Songkla Province, Hat Yai, waterfall behind faculty houses at Prince of Songkla



University, 40 m, 07\*00'N, 100\*30'E, 22-iv-2007, leg T Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Oecetis hymenaios* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group)

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: North Sumatra, Aek Tarum-Fluss bei Labuan Hulu, 21-ii-1994, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Oecetis hyperion* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis dvichakha* F Schmid and *Oecetis malighawa* F Schmid, from Indonesia (Sumatra) and Malaysia (Perak)

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179*

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Holotype--Male; INDONESIA: North Sumatra, Sitahoan 1350 m, 1-2-iii-1994, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Oecetis iakchos* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis orthos* H Malicky & N Changthong Holotype--Male; LAOS: Kham Muan Province, Ban Khun Ngeun, 24-29-iv-2001, leg Pacholatko; deposited in the collection of H Malicky, Lunz am See, Austria Laos)  
*Oecetis iapetos* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608 Holotype--Male; Thailand: Mae Hong Son Province, Umgebung von Pai, Namtok Mo Paeng, 900 M, 19\*23'N, 98\*24'E, 11-4-2000, leg H Malicky; deposited in the H Malicky Collection Lunz am See, Austria Thailand)  
*Oecetis iapyx* H Malicky, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group near *Oecetis horatius* H Malicky

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Holzweg 2 bei Prapat, 13-xi-1989, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Oecetis iasion* H Malicky, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group near *Oecetis ladon* H Malicky & P Laudee

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Pematang Siantar, 2-ii--3-iii-1991, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Oecetis ichtadevata* F Schmid, 1995 : OL (Male described originally, in the *Oecetis assamensis* DE Kimmins Group

Assigned to the *Oecetis lacustris* FJ Pictet Group, suspected to be a synonym of *Oecetis kambaitensis* DE Kimming, 1963, according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Holotype--Male; INDIA: Assam, Manipour, Sirohi Kashong 8-vi-1960 (CNC 22149); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)  
*Oecetis ichtadvaraka* F Schmid, 1995 : OL (Male described originally, in the *Oecetis assamensis* DE Kimmins Group

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hills, Mawpyut 14-iv-1960 (CNC 22148); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis ichtasurama* F Schmid, 1995 : OL (Male described originally, in the *Oecetis assamensis* DE Kimmins Group)

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Holotype--Male; INDIA: Mysore, Yodpai 16-i-1959 (CNC 22150); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis ichvara* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 612 India)

*Oecetis idas* H Malicky, 2005 : OL (Male described originally)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Pematang Siantar, 1-vii-1984--13-iv-1985, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis idomeneus* H Malicky, 2005 : OL (Male described originally in the *Oecetis eburnea* F Schmid Group)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179*

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, *Zootaxa* 2618: 28

Reported from Indonesia (Sumatra), as *Oecetis idomeneos*, by J Olah & H Malicky, 2011, *Braueria* 38: 22 Holotype--Male; INDONESIA: North Sumatra, Sitahoan, 17-ii-1991, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis iguazu* OS Flint, 1983 : NT (Argentina)

*Oecetis ikarios* H Malicky, 2005 : OL (Male described originally)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Sitahoan, 17-ii-1991, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis immobilis* (HA Hagen, 1861) : NA (Canada)

*Setodes immobilis* HA Hagen, 1861

*Oecetis inconspicua* (F Walker, 1852) : NA, NT (Male described originally)

Known from Canada to northern South America including all Greater Antillean islands and Trinidad including Dominican Republic (Barahona, Independencia, La Vega, Monte Cristi) and Haiti (Departement de l'Ouest)

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera 12: 15-29*

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera 12: 44*

Male re-described from Bahamas, Bolivia, Brazil, Canada, Colombia, Costa Rica, Cuba, El Salvador, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, Panama, Peru, Puerto Rico, United States of America, Venezuela near *Oecetis excisa* G Ulmer by PR Martin, FM Gibon, & CI Molina, 2011, *Zootaxa* 2821: 27, f 7A-F Lectotype--Male (Betten & Mosely, 1940, *The Frances Walker Types of Trichoptera in the British Museum*, p XXX???) United States of America)

*Leptocerus inconspicua* F Walker, 1852

Syn.: *Leptocerus flaveolatus* N Banks, 1899

Syn.: *Oecetina antillana* N Banks, 1938

Syn.: *Oecetina apicalis* N Banks, 1907  
 Syn.: *Oecetina flavida* N Banks, 1899  
 Syn.: *Oecetina inornata* N Banks, 1907  
 Syn.: *Oecetina parvula* N Banks, 1899  
 Syn.: *Setodes flaveolata* HA Hagen, 1861  
 Syn.: *Setodes micans* HA Hagen, 1861  
 Syn.: *Setodes sagitta* HA Hagen, 1861  
*Oecetis indivisa* (AV Martynov, 1936) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 Myanmar)  
*Setodellina indivisa* AV Martynov, 1936  
*Oecetis inflata* OS Flint, 1974 : NT (Surinam)  
*Oecetis inscripta* DE Kimmins, 1953 : AU (Male of the species, occurring in eastern Australia from Tasmania northward almost to Cairns, northeastern Queensland, probably widespread in Murray-Darling basin, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 91, f 12-14, 105 Holotype--Male; Bathurst, New South Wales; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 91) Australia)  
*Oecetis insignis* (N Banks, 1911) : OL (India)  
*Oecetina insignis* N Banks, 1911  
*Oecetis insymmetrica* W Mey, 1998 : OL (Philippines)  
*Oecetis intima* R McLachlan, 1877 : PA (Male and female redescribed, assigned to subgenus *Oecetis* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 8, 111, 126-127, 145, 148, f 138, 225  
  
 Record by AV Martynov, 1910, uncertain, possibly Jiangsu Province or Heilongjiang Province, OL or EP, according to L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 126  
  
 Assigned to the *Oecetis lacustris* FJ Pictet Group, from central Asia according to H Malicky, 2005, Linzer biol Beitr 37(1): 624  
  
 Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13  
  
 Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55  
  
 Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Turkmenistan)  
*Oecetis intramontana* W Mey, 1998 : OL (Male described originally, resembling *Oecetis flavicoma* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, trail to Lake Danao, ca 1000 m, 20-5-1997, small brook, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Oecetis iphitos* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis scutulata* AV Martynov Holotype--Male; INDIA: North Andaman, Kalpong, 19-vi-1994, leg K Chandra; deposited in the collection of H Malicky, Lunz am See, Austria India (North Andaman Island))  
*Oecetis irad* H Malicky, 2009 : OL (Male described originally *Oecetis kastor* H Malicky and *Oecetis pollux* H Malicky Holotype--Male; [INDONESIA:] E Kalimantan, Long Pujungan 277 m, 02°35'N, 115°47'E, 26-27-iii-1994, leg DC Darling & B Hubley; IIS 940501; deposited via the Royal Ontario Museum, Toronto, Ontario, Canada, into the Zoological Museum, Berlin, Germany Indonesia (Kalimantan))  
*Oecetis iros* H Malicky & P Bunlue, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group, from Thailand and Laos  
  
 Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; THAILAND: Kao Yai NP, Kong Keo WF, 28-x-1997, leg Schwendinger; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Oecetis iti* AG McFarlane, 1964 : AU (New Zealand)  
*Oecetis itoae* H Malicky, 2006 : OL (Supplementary information about collection of types provided by H Malicky, 2007, Braueria 34: 13 Cambodia)  
*Oecetis ixion* H Malicky, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet

**Group near *Oecetis meghadouta* F Schmid**

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Aceh, Krueng Luas, 8-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis jachin* H Malicky & W Mey, 2010 : OL (Male described originally near *Oecetis armadillo* H Malicky & P Chantaramongkol Holotype--Male; CAMBODIA: Cardamon Mts, Cham Kar Chhrey, 12\*20'N, 103\*01'E, 350 m, 6-iii-2000, leg M Nuss; deposited in the Zoological Museum, Berlin, Germany Cambodia)

*Oecetis jacobsoni* G Ulmer, 1930 : OL (Assigned to the *Oecetis kurukchetra* F Schmid Group, from Indonesia (Sumatra) by F Schmid, 1995, Faberies 20(4): 130

Assigned to the *Oecetis lacustris* FJ Pictet Group, related species and distribution from Indonesia (Sumatra), Nepal, Vietnam, Sri Lanka, and Thailand discussed by H Malicky, 2005, Linzer biol Beitr 37(1): 624-625

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Nepal, Vietnam, Sri Lanka, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Indonesia (Sumatra))

Syn.: *Oecetis naravitta* F Schmid, 1958

*Oecetis janseni* L Navas, 1931 : AT (Democratic Republic of the Congo)

*Oecetis jasikana* DG Gibbs, 1973 : AT (Ghana)

*Oecetis jayadeva* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis jeannettae* D Randriamasimanana & FM Gibon, 2000 : AT (Male described originally Holotype--Male; Madagascar: entre Esira et Maroasara, sur la riviere Anatanatra, basin du Mandrare (station 12-35, long 46\*39'04" E, lat 24\*17'37" S, alt 325 m, 28-IV[Apr]-1995, specimen P0417-8; Euparal slide preparation for genitalia, Euparal slide preparation of wings, remainder of specimen in alcohol, deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle, Paris. Madagascar)

*Oecetis jenniae* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis mouldsi* A Wells from northern Australia, southeastern Queensland, west of divide in New South Wales, Pilbara region of West Australia Holotype--Male; Australia: Northern Territory, 12\*42'S, 130\*58'E, Berry Springs, 31 Mar 1992, Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis joksan* H Malicky, 2011 : OL (Male described originally near *Oecetis philoktetes* H Malicky & *Oecetis oleus* H Malicky Holotype--Male; MALAYSIA: Sabah, Sepilok, Forest Res Centre, 6-v-1982, leg M Horak; deposited in the Naturhistorisches Museum, Geneva, Switzerland Malaysia (Sabah))

*Oecetis kadmos* H Malicky, 2005 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Kebun Sei Kopas, 16-xi-1996, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis kagerana* (DE Kimmins, 1956) : AT (Uganda)

*Setodellina kagerana* DE Kimmins, 1956

*Oecetis kakaduensis* A Neboiss, 1989 : AU (Australia)

*Oecetis kalidasa* F Schmid, 1995 : OL (Male described originally, an isolated species Holotype--Male; INDIA: Assam, Dekiajuli 28-ii-1961 (CNC 22158); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis kalyuga* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 India)

*Oecetis kambaitensis* DE Kimmins, 1963 : OL (Assigned to the *Oecetis assamensis* DE Kimmins Group, from Burma and northern India, by F Schmid, 1995, Faberies 20(4): 127

Assigned to the *Oecetis lacustris* FJ Pictet Group, *Oecetis ichtadevata* F Schmid, 1995, suspected of being a synonym, occurring in Myanmar, North India, and Nepal according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 624

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Myanmar)

*Oecetis kapaneus* H Malicky, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis spinosa* YE Chen & JC Morse

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Gunung Sibohi bei Sipirok, 14-iv-1996, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)

*Oecetis karnyi* H Malicky, 2009 : OL (Male described originally Holotype--Male; [INDONESIA:] Java, "Tjibodas, 1400 m, 1923, Karny No 10" and "Lieftinck ded"; deposited in the Zoological Museum, Hamburg, Germany Indonesia (Java))

*Oecetis kartavirya* F Schmid, 1995 : OL (Male described originally, an isolated species near *Oecetis aniruddha* F Schmid and *Oecetis ceylanica* G Ulmer Holotype--Male; INDIA: Kerala, Kalpatti 13-i-1962 (CNC 22160); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis karttikeya* F Schmid, 1995 : OL (Described originally in the *Oecetis notata* (P Rambur) Group, near *Oecetis biramosa* AV Martynov, *Oecetis pancharastra* F Schmid, *Oecetis scutata* G Ulmer, and *Oecetis scutulata* AV Martynov

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hilla, Nongjni 19-iv-1960 (CNC 22142); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis kasenyii* S Jacquemart, 1959 : AT (Democratic Republic of the Congo)

*Oecetis kastor* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; INDONESIA: Sumatra, Aek Tarum, 21-ii-1994, leg Sivec; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)

*Oecetis kateae* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis pechana* and *Oecetis walpolica* from Kimberly region of northern West Australia, northern Northern Territory, northern Queensland, to Queensland/New South Wales border Holotype--Male; Australia: Northern Territory, 12\*40'S, 132\*53'E, Jabiru, Town Lake, 16 Feb 1991, Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis kathia* ME Mosely, 1939 : AT (Kenya)

*Oecetis kentauros* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: Chitwan NP, Temple Tiger Lodge, 18-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Oecetis keraia* A Neboiss, 1989 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Papua New Guinea)

*Oecetis kerkyon* H Malicky, 2005 : OL (Male described originally in the *Oecetis kerkyon* H Malicky Group Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis keyx* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International*

Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tinggi Raja, 14-x-1995, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis kimberleyensis* A Wells, 2006 : AU (Male described originally in the *Oecetis laustra* Group from northern Queensland, Northern Territory, and Western Australia

Homonym of *Oecetis dilata* L Yang & JC Morse, 2000 Holotype--Male; AUSTRALIA: Western Australia, 9 km N of Kununurra, 19 Sep 1979, J Blyth (NMV T-18514), deposited in the Museum of Victoria, Melbourne, Australia Australia)

Syn.: *Oecetis dilata* A Wells, 2004

*Oecetis kimminsi* K Kumanski, 1979 : AU (Papua New Guinea)

*Oecetis kinyras* H Malicky, 2005 : OL (Male described originally in the *Oecetis kerkyon* H Malicky Group Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis knutsoni* OS Flint, 1981 : NT (Male re-described from Argentina, Bolivia, Colombia, Guadeloupe, Peru, Venezuela PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 27, 29, f 8A-F Venezuela)

*Oecetis kodros* H Malicky, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis ixion* H Malicky and *Oecetis meghadouta* F Schmid

Male and female for the first time female re-described and re-illustrated, reported from Cambodia and Malaysia (Johor) by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 26-27, f 10

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; MALAYSIA: Johor, Endau Rompin, Sungai Endau, 20-21-iii-1999, leg Trilar and Prosenc; deposited in the collection of H Malicky, Lunz am See, Austria Malaysia (Peninsular))

*Oecetis kokalos* H Malicky, 2005 : OL (Male described originally Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis kokytos* H Malicky, 2005 : OL (Male described originally Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis kolobota* A Neboiss, 1989 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Papua New Guinea)

*Oecetis koobarra* A Wells, 2004 : AU (*Oecetis* sp H of A Wells, 1991, Guide caddisfl Alligator Rivers reg, Northern Territory, f 139

Male described originally in the *Oecetis laustra* Group from northern Queensland and Melville Island in the Tiwi Islands Group Holotype--Male; Australia: Northern Territory, Kakadu National Park, Radon Creek, 3 Sep 1979, J Blyth; deposited in the Northern Territory Museum and Art Gallery, Darwin, Australia Australia)

*Oecetis koyana* DE Kimmins, 1955 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Malaysia (Sarawak))

*Oecetis kpanduna* DG Gibbs, 1973 : AT (Ghana)

*Oecetis kreon* H Malicky, 2005 : OL (Male described originally Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis kronos* H Malicky, 2005 : OL (Male described originally Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis kulasekhara* F Schmid, 1995 : OL (Male described originally in the *Oecetis kurukchetra* F Schmid Group, near *Oecetis meghadouta* F Schmid

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1):

624 Holotype--Male; INDIA: Assam, Cachar, Lakhipur 14-16-v-1960 (CNC 22152); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis kunenensis* KH Barnard, 1934 : AT (Namibia)

*Oecetis kurukchetra* F Schmid, 1995 : OL (Male described originally in the *Oecetis kurukchetra* F Schmid Group)

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hills, Demthring 16-iv-1960 (CNC 22153); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis kyane* H Malicky, 2005 : OL (Male described originally Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis kyanippos* H Malicky & S Sompong, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group Holotype--Male; "THAILAND: Tung Salaeng Luang NP, 30-iii-1998, leg ?"; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis kyparissos* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R. McLachlan Group near *Oecetis horatius* H Malicky Holotype--Male; INDONESIA: Bali, Gunung Kawi, 3-xii-1994, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Bali))

*Oecetis lacustris* (FJ Pictet, 1834) : OL, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Male and female redescribed, assigned to subgenus *Oecetis* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 8, 111, 112, 117-119, 145, 147, f 130, 218;

Age class size segregation of larva in lake littoral macrophyte bed described by R Banziger, 2000, Revue Suisse Zool 107(1): 139-151;

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Assignment to the *Oecetis lacustris* FJ Pictet Group, diagnosis from *Oecetis nigropunctata* G Ulmer, and distribution from Europe to central and eastern China discussed by H Malicky, 2005, Linzer biol Beitr 37(1): 624, 626

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 34

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Altai, Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Switzerland)  
*Mystacide lacustris* FJ Pictet, 1834  
Syn.: *Oecetis lacustris martynovi* L Yang & JC Morse, 2000  
Syn.: *Oecetis lacustris orientalis* AV Martynov, 1935  
*Oecetis lacustris orientalis* AV Martynov, 1935 (Preoccupied by L Navas, 1921, to be renamed

~*lacustris* (FJ Pictet, 1834, *Rech Phryg* p 171-172, pl 13 f 7), *Mystacide*)  
*Oecetis ladon* H Malicky & P Laudee, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group near *Oecetis iasion* H Malicky, from Vietnam and Thailand

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262  
Holotype--Male; VIETNAM: Nam Cat Tien, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)  
*Oecetis laevis* G Marlier, 1965 : AT (Angola)  
*Oecetis lais* (HA Hagen, 1859) : OL (*Oecetis lais* Species Group new species and distribution in Madagascar provided by D Randriamasimanana & FM Gibon, 1999 ("1998"), *Revue Francaise Entomol (Nouvelle Serie)* 20(4): 145-155

Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 612 Sri Lanka)  
*Setodes lais* HA Hagen, 1859  
*Oecetis lamia* H Malicky, 2005 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tinggi Raja, 19-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))  
*Oecetis laminata* (C Hwang, 1957) : OL (Assigned to the *Oecetis penicillata* DE Kimmins Group, from China (Fujian) by F Schmid, 1995, *Fabrerries* 20(4): 116

New combination from *Oecetodella* to *Oecetis*, male redescribed, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 2, 9, 141, 143, 144, f 152

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608 China (Fujian))

*Oecetodella laminata* C Hwang, 1957  
*Oecetis landiaae* D Randriamasimanana & FM Gibon, 2000 : AT (Male described originally Holotype--Male; Madagascar: Ambalambongo, sur un affluent de la Betsiboka, station 02-29, long 47°00'30" E, lat 16°48'00" S, alt 48 m, 30-III[Mar]-1993, specimens P0123-4; Euparal slide preparation of genitalia, Euparal slide preparation of wings, remainder of specimen in alcohol, deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle, Paris Madagascar)  
*Oecetis lantoyae* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)  
*Oecetis lanuginosa* (R McLachlan, 1875) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sulawesi))

*Setodes lanuginosa* R McLachlan, 1875  
*Oecetis laodike* H Malicky & S Cheunbarn, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group, from Vietnam and Thailand

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262  
Holotype--Male; VIETNAM: Nam Cat Tien, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)  
*Oecetis laokoon* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis purusamedha* F Schmid and *Oecetis lykomedes* H Malicky Holotype--Male; INDONESIA: South Nias, 14-18-iii-1980, leg Diehl; deposited in the collection of H Malicky,



Lunz am See, Austria Indonesia (Nias Island))

*Oecetis laomedon* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis harivamsa* F Schmid and *Oecetis lingua* F Schmid Holotype--Male; INDONESIA: Kalimantan, Malinan, 10-viii-2000, leg P Derleth; deposited in the Musee Zoologique, Lausanne, Switzerland Indonesia (Kalimantan))

*Oecetis laustra* ME Mosely, 1953 : AU (Male of the species, occurring throughout Australia in lentic and lotic depositional habitats except central arid Australia, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 89, f 1-3, 101 Holotype--Male; Australia: West Australia, Yanchep, 31\*32.9'S, 115\*41.2'E; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 89) Australia)

*Oecetis learchos* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis clavata*, *Oecetis kambaitensis* DE Kimmins, *Oecetis assamensis* DE Kimmins, *Oecetis gunapatya* F Schmid, *Oecetis rectangula* DE Kimmins, and *Oecetis vidyadara* F Schmid, from Vietnam and Thailand

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; VIETNAM: Tam Dao, 19-v--13-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Oecetis leda* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Aek Tarum, 12-vi-1994, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis legrandi* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)

*Oecetis leukippos* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis phegeus* H Malicky and *Oecetis scutulata* AV Martynov

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, 8-24-v-1970, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis leukone* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608 Holotype--Male; Thailand: Chiangmai Province, Chiang Dao National Park, Namtok Srisungwan, 600 m, 19\*37'N, 98\*57'E, 17-3-2002, I Sivec; deposited in the H Malicky Collection Lunz am See, Austria Thailand)

*Oecetis lichas* H Malicky & D Thapanya, 2004 : OL (Male described originally Holotype--Male; Thailand: Songkla Province, Ban Ko Muang, 6\*59'N, 100\*22'E, 10-5-1993, leg H Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis lilliput* G Marlier, 1965 : AT (Angola)

*Oecetis lingua* F Schmid, 1958 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Sri Lanka)

*Oecetis litua* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis hemerobioides* R McLachlan and *Oecetis dostinei* A Wells from northern West Australia, northern Northern Territory, northern Queensland Holotype--Male; Australia: Northern Territory, 12\*40'S, 132\*53'E, Jabiru, Town Lake, 30 May 1991, Wells and Webber; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis lokapala* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from India and Nepal by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Oecetis londuca* G Marlier, 1965 : AT (Angola)

*Oecetis longiterga* DE Kimmins, 1962 : AU (New Guinea)

*Oecetis lotis* H Malicky & D Thapanya, 2004 : OL (Male described originally in the *Oecetis*

## notata Group

Assigned to the *Oecetis testacea* J Curtis Group, reported from Thailand and Malaysia (Perak) by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Distributed in Thailand and Malaysia according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

Holotype--Male; Thailand: Songkla Province, Tramot, 7°15'N, 100°02'E, 20--29-4-1993, leg H Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis lucipetens* KH Barnard, 1940 : AT (Republic of South Africa)

*Oecetis luenae* G Marlier, 1965 : AT (Angola)

*Oecetis luzonensis* W Mey, 2003 : OL (Male described originally near *Oecetis oecetinellae* W Mey, *Oecetis panayensis* W Mey, and *Oecetis graphata* W Mey

Assigned to *Oecetis hemerobioides* R McLachlan Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 611 Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magasaysay, 9-10-iv-1997, tributary to Agos River, at light, leg W Mey, V Samarita, & W Speidel; pinned; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon)

*Oecetis lyaeus* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Aek Tarum, 21-ii-1994, leg Sivec; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis lykomedes* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis quadrofurcata* W Mey and *Oecetis reticulata* DE Kimmins Holotype--Male; INDONESIA: Nias, Lawalo, 22-26-ix-1979, Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Nias Island))

*Oecetis lynkeus* H Malicky, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group Holotype--Male; MALAYSIA: (Borneo) Sabah, Kinabalu NP, Liwagu River, 11-iv-1999, leg Sivec; deposited in the collection of H Malicky, Lunz am See, Austria Malaysia (Sabah))

*Oecetis machadoi* G Marlier, 1965 : AT (Angola)

*Oecetis maculata* DE Kimmins, 1956 : AT (Uganda)

*Oecetis maculipennis* G Ulmer, 1922 : AT (Sudan)

*Oecetis magelensis* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis pechana* and *Oecetis walpolica* from northern West Australia and Northern Territory Holotype--Male; Australia: Northern Territory, Alligator R. region, Magela Creek, OSS Site 009, 12°42'S, 132°57'E, 17 Jan 1992, Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis mahadeva* (N Banks, 1913) : OL (India)

*Oecetina mahadeva* N Banks, 1913

*Oecetis maira* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Huta Padang, 7-i-1991, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis makris* H Malicky, 2005 : OL (Male described originally in the *Oecetis eburnea* F Schmid Group Holotype--Male; VIETNAM: Tam Dao, 19-v--13-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Oecetis malighawa* F Schmid, 1958 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from Sri Lanka, by F Schmid, 1995, *Fabrerries* 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Sri Lanka)

*Oecetis mambia* DE Kimmins, 1962 : AU (Papua)

*Oecetis manabat* H Malicky, 2009 : OL (Male described originally near *Oecetis scutata* G Ulmer Holotype--Male; VIETNAM: Na Hang (160 km NWW Hanoi), 150-200 m, 26-v-140vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Oecetis mane* H Malicky, 2008 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis meleagros* H Malicky, *Oecetis chrysaor* H Malicky, and *Oecetis hymenaios* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-iv-2000, B1313PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Oecetis marginata* DE Kimmins, 1962 : AU (Papua)  
*Oecetis marojejyensis* D Randriamasimanana & FM Gibon, 1999 : AT (*Oecetis marojejyensis* Species Group new species group in Madagascar provided by D Randriamasimanana & FM Gibon, 1999, Revue Francaise Entomol (Nouvelle Serie) 21(1): 15-24 Madagascar)  
*Oecetis maron* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis eburnea* F Schmid Group near *Oecetis tripunctata* (JC Fabricius), from Indonesia (Sumatra), Malaysia (Sarawak), and Thailand

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Malaysia (Sarawak), and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; INDONESIA: Sumatra, Kebun Sei Kopas, 4-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis marquezii* J Bueno-Soria, 1981 : NA, NT (Species epithet originally with two different spellings "marquesi" and "marquezi" but etymology clarifies that the name refers to "Marquez" Mexico (Nuevo Leon))

*Oecetis maspeluda* L Botosaneanu, 1977 : NT (Cuba)

*Oecetis mbeloae* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)

*Oecetis medos* H Malicky & P Bunlue, 2004 : OL (Male described originally in the *Oecetis pencillata* Group

Listed in the *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, Linzer biol Beitr 37(1): 608 Holotype--Male; Thailand: Mae Hong Son Province, Namtok Mae Surin National Park, Mae Nam Pai, 19°21'N, 97°50'E, 310 m, 19-3-2002, leg P Banlu; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis meghadouta* F Schmid, 1958 : OL (Assigned to the *Oecetis kurukchetra* F Schmid Group, from Sri Lanka, by F Schmid, 1995, Faberies 20(4): 130

Assigned to the *Oecetis lacustris* FJ Pictet Group, related species, and distribution in Sri Lanka, India (Rajasthan), Myanmar, and Thailand discussed by H Malicky, 2005, Linzer biol Beitr 37(1): 624-626

Distributed in Thailand, Sri Lanka, India, and Burma according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Male redescribed in the *Oecetis lacustris* Group near *Oecetis kodros* H Malicky, reported from Peninsular Malaysia, India, Thailand, and Myanmar by A Wells & CM Yule, 2008, Aquatic Insects 30(1): 74-75 Sri Lanka)

*Oecetis mekana* DE Kimmins, 1963 : OL (Male redescribed, an isolated species, in Burma and India (Assam, Kerala), according to F Schmid, 1995, Faberies 20(4): 133, f 53-56

Reported in the *Oecetis mekana* DE Kimmins Group from Burma, India (Assam, Kerala), and Vietnam by H Malicky, 2005, Linzer biol Beitr 37(1): 629

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)

*Oecetis melanthios* H Malicky & P Chantaramongkol, 2004 : OL (Male described originally in the *Oecetis lacustris* Group)

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262  
Holotype--Male; Thailand: Mae Hong Son Province, Huai Mae Ya (10 km S of Pai), 19°15'N, 98°29'E, 700 m, 20-4-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis meleagros* H Malicky & I Thani, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis chrysaor* H Malicky, from Vietnam and Thailand)

Distributed in Thailand and Vietnam, as *Oecetis melaegros*, according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Holotype--Male; VIETNAM: Nam Cat Tien, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Oecetis metlacensis* J Bueno-Soria, 1981 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337 Mexico (Veracruz))

*Oecetis mezentius* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group Holotype--Male; VIETNAM: Nam Cat Tien, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Oecetis michaeli* H Malicky, 1999 : OL (Seychelle Islands (Mahe))

*Oecetis miletos* H Malicky & J Naewvong, 2005 : OL (Male described originally in the *Oecetis eburnea* F Schmid Group near *Oecetis satyagraha* F Schmid, from Thailand, Malaysia (Perak), and Indonesia (Aceh, North Sumatra)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand, Malaysia (Perak), and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

New record from Indonesia (Sumatra) reported by J Olah & KA Johanson, 2010, *Zootaxa* 2618: 28 Holotype--Male; THAILAND: Khao Sok NP, 6-xii-1991, leg Schwendinger; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis minasata* ME Mosely, 1953 : AU (Male of the species, occurring in southeastern Australia from southeastern New South Wales, ACT, Victoria, and Tasmania, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, *Mem of Mus Victoria* 61(1): 88, 93-94, f 21-23, 108 Holotype--Male; Tasmania; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, *Mem Mus Victoria* 61(1):93) Australia)

*Oecetis minerva* H Malicky, 2005 : OL (Male described originally in the *Oecetis wamena* H Malicky Group Holotype--Male; INDONESIA: Sulawesi, 4.5 km NE Tentena, 800 m, 01°44'S, 120°40'E, 5-i-1995, leg J Haft; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sulawesi))

*Oecetis minuscula* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pseudosetodes*)

Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 612 China (Fujian))

*Oecetis minuta* AV Martynov, 1935 (Assigned to the *Oecetis kurukchetra* F Schmid Group, from Russia (Amur basin), by F Schmid, 1995, *Faberies* 20(4): 130

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Russia (southeastern Siberia))

*Oecetis mirabilis* L Yang & JC Morse, 2000 : OL (originally placed in subgenus *Pleurograpta* China (Sichuan))

*Oecetis misenos* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis tripunctata* JC Fabricius Holotype--Male; THAILAND: Prov Songkla, Boripat WF, 27-iv-1993, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis modesta* (KH Barnard, 1934) : AT (Republic of South Africa)

*Potamoryza modesta* KH Barnard, 1934

*Oecetis momos* H Malicky, 2005 : OL (Male described originally in the *Oecetis mekana* DE Kimmins Group near *Oecetis numitor* H Malicky, from Indonesia (Sumatra) and Malaysia (Peninsular))

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDONESIA: Sumatra, Huta Padang, 25-ii-1991, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis montana* G Ulmer, 1930 : AT (Ethiopia)

*Oecetis morii* M Tsuda, 1942 : OL (Reported from China (Hubei), as *Oecetinella morii* (M Tuda), by S Wang, 1963, Acta Hydrobiologica Sinica 3: 63-64

Male and female redescribed, assigned to subgenus *Pleurograpta* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 8, 136-137, 145, 147, f 154, 236

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 55

Assigned to the *Oecetis testacea* J Curtis Group, from Japan and China by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Japan)

*Oecetis morsei* J Bueno-Soria, 1981 : NA (United States of America)

*Oecetis mouldsi* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis jenniae* A Wells from northwestern West Australia to northern Northern Territory, northeastern Queensland Holotype--Male; Australia: West Australia, Millstream, Fortescue R, S of Roeborne, 12 Nov 1978, MB and BJ Moulds; T-18842; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis moureaui* G Marlier, 1958 : AT (Democratic Republic of the Congo)

*Oecetis multipunctata* G Ulmer, 1916 : AU (Male of the species, occurring in northern and eastern Queensland and northeastern New South Wales, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 89, 94, f 30-33, 110 Australia)

*Oecetis multispinosa* DE Kimmins, 1963 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from India, by F Schmid, 1995, Faberies 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 India)

*Oecetis myskelos* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis tripunctata* JC Fabricius Holotype--Male; THAILAND: Prov Kanchanaburi, Ban Ipo (nahe Ban Pilo), 800 m, 21-iv-2001, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis najade* H Malicky, 2008 : OL (Male described originally in the *Oecetis lacustris* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 31-iii-2001, B1323PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Oecetis narasimha* F Schmid, 1995 : OL (Male described originally, in the *Oecetis notata* (P Rambur) Group, *Oecetis hayagriva* F Schmid Subgroup

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hills, Nongjni 19-iv-1960 (CNC 22146); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis naravitta* F Schmid, 1958 : OL (Male redescribed, assigned to the *Oecetis kurukchetra* F Schmid Group, from Sri Lanka, by F Schmid, 1995, *Fabrerries* 20(4): 130, f 41-43 Sri Lanka)  
*Oecetis nausinoos* H Malicky, 2006 : AU (Male described originally

Reported from Papua New Guinea (Bismarck Archipelago) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 90 Holotype--Male; PAPUA NEW GUINEA: Bismarck Archipelago, Noona Dan Expedition; deposited in the Insect Collection of the Zoological Museum, Copenhagen, Denmark Papua New Guinea (Bismarck Archipelago))

*Oecetis nereide* H Malicky, 2008 : OL (Male described originally in the *Oecetis hemerobioides* Group near *Oecetis notos* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Oecetis nerviciliata* (F Schmid, 1958) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Sri Lanka)

*Setodellina nerviciliata* F Schmid, 1958

*Oecetis nervisquamosa* (F Schmid, 1958) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Sri Lanka)

*Setodellina nervisquamosa* F Schmid, 1958

*Oecetis nestor* H Malicky & P Chantaramongkol, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group Holotype--Male; THAILAND: Phetchabun Prov, Nam Nao NP, Huai Promlaeng, 800 m, 16°07'N 99°16'E, 8-9-iii-2002, leg GW Courtney; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis nigropunctata* G Ulmer, 1908 : OL (Assigned to the *Oecetis kurukchetra* F Schmid Group, from Japan and Russia (eastern Siberia), by F Schmid, 1995, *Fabrerries* 20(4): 130

Male and female redescribed, assigned to subgenus *Oecetis* by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 3, 8, 111, 117, 118-119, 145, 147, f 131, 219

Assigned to the *Oecetis lacustris* FJ Pictet Group, diagnosis from *Oecetis lacustris* FJ Pictet ,and distribution in Japan, Korea, Far East Russia and central and eastern China discussed by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624, 626

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, *Proc Internatn Symp Trichoptera* 11: 16-17

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Reported from Japan (Hiroshima Prefecture) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101

Reported from Japan (Nagoya) by T Nozaki, 2010, *Nature of Irrigation Pond* 49: 22 Japan)

Syn.: *Oecetis pallidipunctata* AV Martynov, 1935

*Oecetis nocturna* HH Ross, 1966 : NA (United States of America)

*Oecetis notata* (P Rambur, 1842) : PA (Assigned to the *Oecetis testacea* J Curtis Group from Europe to the Far East by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 France)

*Mystacida notata* P Rambur, 1842

Syn.: *Oecetis notulata* L Navas, 1933

*Oecetis notos* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R. McLachlan Group near *Oecetis graphata* W Mey

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, "Holzweg 2" bei Prapat, 2-xi-1997, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria

Indonesia (Sumatra))

*Oecetis numen* H Malicky, 2005 : OL (Male described originally in the *Oecetis eburnea* F Schmid Group near *Oecetis maron* H Malicky & P Chantaramongkol

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: North Sumatra, "Holzweg 2" bei Prapat, 1200 m, 8-vii-1994, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis numitor* H Malicky, 2005 : OL (Male described originally in the *Oecetis mekana* DE Kimmins Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Prapat , "120"-iv-1974, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis nyx* H Malicky & T Prommi, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis kambaitensis* DE Kimmins and *Oecetis ichtadvaraka* F Schmid Holotype--Male; THAILAND: Doi Inthanon NP, Namtok Siribhum, 1380 m, 2-3-iii-2002, leg Prommi; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis oberdorffi* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis paranensis* OS Flint Holotype--Male; BOLIVIA: Bella Vista, Lake Granja, 13°15'50"S, 063°42'33"W, 06-v-2006; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis obliqua* A Wells, 2000 : AU (Australia)

*Oecetis ocellata* S Jacquemart, 1959 : AT (Democratic Republic of the Congo)

*Oecetis ochracea* (J Curtis, 1825) : NA, PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval head illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 129;

Age class size segregation of larva in lake littoral macrophyte bed described by R Banziger, 2000, Revue Suisse Zool 107(1): 139-151;

Male and female redescribed, assigned to subgenus *Oecetis* by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 8, 111, 112, 118, 122-127, 145, 148, f 16, 17, 40, 47, 74, 136, 224;

Reported from Slovenia by G Urbanic, 2001, Acta Entomologica Slovenica 9(2): 129-134;

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Assigned to the *Oecetis lacustris* FJ Pictet Group, distribution from Europe to China to North America by H Malicky, 2005, Linzer biol Beitr 37(1): 624

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Forewing color pattern discussed by B Higler, 2007, *Braueria* 34: 13, textfig

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 35

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

*Leptocerus ochracea* J Curtis, 1825

Syn.: *Mystacida obsoleta* P Rambur, 1842

Syn.: *Oecetis albescens* ME Mosely, 1930

Syn.: *Oecetis ochracea carri* LJ Milne, 1934

Syn.: *Oecetis vicaria*, 1934

Syn.: *Phryganea hectica* JW Zetterstedt, 1840

Syn.: *Phryganea pilosa* OF Mueller, 1776

*Oecetis ochromelas* S Jacquemart, 1957 : AT (Democratic Republic of the Congo)

*Oecetis ocesia* H Malicky, 2005 : OL (Male described originally, from Nepal and India)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: Nauling, Lekh, 1500-2000 m, 25-30-iv-1993, leg Allen; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Oecetis octophora* W Mey, 1998 : OL (Philippines)

*Oecetis odanis* M Kobayashi, 1987 (Japan)

*Oecetis oecetinellae* W Mey, 1990 : OL (Probably a synonym of *Oecetis hemerobioides* R McLachlan according to A Wells, 2006, *Mem Mus Victoria* 63(2): 128 Philippines)

*Oecetis oileus* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis lykomedes* H Malicky and *Oecetis keraia* A Neboiss

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Kebun Sei Kopas, 25-v-1998, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis olgae* FM Gibon & D Randriamasimanana, 1998 : AT (Madagascar)

*Oecetis oliae* FM Gibon & D Randriamasimanana, 1999 : AT (*Oecetis oliae* Species Group new species group in Madagascar provided by D Randriamasimanana & FM Gibon, 1999, *Revue Francaise Entomol (Nouvelle Serie)* 21(1): 16 Madagascar)

*Oecetis oresbiosa* A Neboiss, 1989 : AU (Australia)

*Oecetis orientalis* L Navas, 1921 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34 Vietnam)

*Oecetis ornata* DE Kimmins, 1962 : AU (Male of the species, occurring in New Guinea and far northern Queensland, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, *Mem of Mus Victoria* 61(1): 89, 103-104, f 80-83, 126 Holotype--Male; Dutch New Guinea [Irian Jaya], Humboldt Bay; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, *Mem Mus Victoria* 61(1): 103) Indonesia (Irian Jaya))

*Oecetis orthos* H Malicky & N Changthong, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group Holotype--Male; THAILAND: Pitsanulok Prov, Phu Hin Rongkla NP, Man Daeng Noi, 1600 m, 16\*57'N, 101\*03'E, 27-iii-21-iv-2003, leg Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis osteni* LJ Milne, 1934 : NA (United States of America)

*Oecetis ouachita* SR Moulton & KW Stewart, 1993 : NA (United States of America)

*Oecetis ovampoensis* KH Barnard, 1934 : AT (Namibia)

*Oecetis ozarkensis* SR Moulton & KW Stewart, 1993 : NA (United States of America)



*Oecetis palamedes* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis tsudai* FJC Fischer and *Oecetis testacea* J Curtis, from Indonesia (North Sumatra or Aceh) or Irian Jaya)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: North Sumatra or Aceh or Irian Jaya, gesammelt von Dr E Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra or Irian Jaya))

*Oecetis panayensis* W Mey, 1998 : OL (Male described originally, closely related to *Oecetis graphata* W Mey)

Assigned to the *Oecetis hemerobioides* R McLachlan Group by H Malicky, 2005, Linzer biol Beitr 37(1): 611 Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, 900 m, 9-10-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Oecetis pancharatra* F Schmid, 1995 : OL (Described originally in the *Oecetis notata* (P Rambur) Group, near *Oecetis biramosa* AV Martynov, *Oecetis kartikeya* F Schmid, *Oecetis scutata* G Ulmer, and *Oecetis scutulata* AV Martynov)

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Holotype--Male; INDIA: Madhya Pradesh, Guna 7-ii-1959 (CNC 22143); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis pandora* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Oecetis spatula* YE Chen & JC Morse Holotype--Male; THAILAND: Doi Suthep, beim Tempel, 1000 m, 18°49'N, 98°55'E, 30-iv-1996, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Oecetis pangana* L Navas, 1930 : AT (Democratic Republic of the Congo)

*Oecetis papposa* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from northern Northern Territory and northern Western Australia Holotype--Male; Australia: Northern Territory, South Alligator River, UDP Falls [Gunlom], 13°24.9'S, 132°26.0'E, J Blyth (NMV T18517); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis paracomplexa* A Wells, 2000 : AU (Australia)

*Oecetis paracymula* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group in northeastern New South Wales Holotype--Male; Australia: New South Wales, Upper Manning River, 20 km NNW Rawdon Vale, 31°34'S, 151°34'E, 19 Feb 1980, AA Calder; NMV T-18511; deposited in The Museum of Victoria, Melbourne, Australia Australia)

*Oecetis parallela* A Wells, 2000 : AU (Australia)

*Oecetis paranensis* OS Flint, 1982 : NT (Male re-described from Argentina, Bolivia, Brazil, Paraguay, and Peru near *Oecetis oberdorffi* PR Martin, FM Gibon, & CI Molina by PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 29, f 10 Argentina)

*Oecetis paris* H Malicky, 2006 : OL (Male described originally near *Oecetis alticoloraria* W Mey and *Oecetis flavicoma* W Mey Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 13-iv-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Oecetis parka* ME Mosely, 1953 : AU (Male of the species, occurring in eastern Victoria, east-central New South Wales, and northeastern Queensland, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 96-97, f 37-38, 112 Holotype--Male; Australia: New South Wales, National Park [the Royal National Park]; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2004, Mem Mus Victoria 61(1): 96) Australia)

*Oecetis parmata* A Neboiss, 1989 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Indonesia (Sulawesi))

*Oecetis parva* (N Banks, 1907) : NA (United States of America)

*Setodina parva* N Banks, 1907

*Oecetis paula* (R McLachlan, 1875) : PA (

Cited from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 588

Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 "Habitat in valle Sarafschanensi" Uzbekistan)

*Setodes paula* R McLachlan, 1875

*Oecetis paxilla* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*)

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 China (Sichuan))

*Oecetis pechana* ME Mosely, 1953 : AU (Male redescribed in *Oecetis pechana* Group from Australia by A Wells, 2006, *Mem Mus Victoria* 63(2): 110, f 1-6, 56 Holotype--Male; Australia: Western Australia, Yanchep, 31°32.9'S, 115°41.2'E; deposited in The Natural History Museum, London, United Kingdom (A Wells, 2006, *Mem Mus Victoria* 63(2): 110) Australia)

*Oecetis pegasos* H Malicky & A Nuntakwang, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group Holotype--Male; THAILAND: Chiang Dao NP, Namtok Srisungwan, 600 m, 19°37'N, 98°57'E, 17-iii-2002 and 28-vi-2003, leg Nuntakwang; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis pelengensis* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Oecetis peleus* H Malicky, 2005 : OL (Male described originally in the *Oecetis hemerobioides* R. McLachlan Group near *Oecetis hemerobioides* Holotype--Male; INDONESIA: Kalimantan, Malinan, 10-viii-2000, leg P Derleth; deposited in the Musee Zoologique Lausanne, Switzerland Indonesia (Kalimantan))

*Oecetis pelops* H Malicky, 2006 : OL (Male described originally near *Oecetis maron* H Malicky & P Chantaramongkol, *Oecetis upadana* F Schmid, and *Oecetis yogeshwara* F Schmid Holotype--Male; INDONESIA: Bali, Gunung Batukau, beim Luhur-Tempel, 800 m, 08°23'S, 115°08'E, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia)

*Oecetis penicillata* DE Kimmins, 1963 : OL (Assigned to the *Oecetis penicillata* DE Kimmins Group and reported from Burma and India by F Schmid, 1995, *Fabrerries* 20(4): 116-117

Assigned to *Oecetis penicillata* DE Kimmins Group and reported also from Nepal and India by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498 Myanmar)

*Oecetis pentafurcata* W Mey, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Philippines)

*Oecetis perdix* H Malicky, 2005 : OL (Male described originally in the *Oecetis lacustris* FJ Pictet Group near *Oecetis tripunctata* JC Fabricius Holotype--Male; SRI LANKA: Kanneliya Jungle, 13-16-viii-1972, leg Krombein et al; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Sri Lanka)

*Oecetis persimilis* (N Banks, 1907) : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Oecetina persimilis* N Banks, 1907

*Oecetis peruviana* (N Banks, 1924) : NT (Peru)

*Oecetina peruviana* N Banks, 1924

*Oecetis peterseni* W Mey, 1998 : OL (Male described originally, related to *Oecetis alticoloraria* W Mey

Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 612 Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Oecetis phaethon* H Malicky, 2005 : OL (Male described originally in the *Oecetis penicillata* DE Kimmins Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, 8-24-v-1970, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis phegeus* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: North Sumatra, Huta Padang, 2-iii-1991, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra))

*Oecetis philoktetes* H Malicky, 2005 : OL (Male described originally in the *Oecetis testacea* J Curtis Group near *Oecetis asmada* H Malicky Holotype--Male; INDIA: Great Nicobar, 12-16-xi-1993, leg K Chandra; deposited in the collection of H Malicky, Lunz am See, Austria India (Great Nicobar Island))

*Oecetis pilakai* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)

*Oecetis pilosa* N Banks, 1937 : OL ([preoccupied by OF Mueller, 1776, to be renamed] Philippines)

*Oecetis piptona* A Neboiss, 1989 : AU (Australia)

*Oecetis pollux* H Malicky, 2005 : OL (Male described originally in the *Oecetis bengalica* AV Martynov Group near *Oecetis kastor* H Malicky Holotype--Male; MALAYSIA: Johor, Endau Rompin, 20-iii-1999, leg Trilar and Prosenec; deposited in the collection of H Malicky, Lunz am See, Austria Malaysia (Peninsular))

*Oecetis pomona* H Malicky, 2006 : OL (Male described originally in the *Oecetis penicillata* Group near *Oecetis antennata* AV Martynov, *Oecetis singularis* G Ulmer, and *Oecetis gordios* H Malicky Holotype--Male; VIETNAM: Na Hang, 160 km NWW von Hanoi, 150-200 m, 26-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Oecetis portalensis* ME Mosely, 1939 : AT (Uganda)

*Oecetis porteri* HH Ross, 1947 : NA (United States of America)

*Oecetis prahlada* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis pratelia* DG Denning, 1948 : NA (United States of America)

*Oecetis pratti* DG Denning, 1948 : NT (Puerto Rico)

*Oecetis pretakalpa* F Schmid, 1995 : OL (Male described originally, in the *Oecetis notata* (P Rambur) Group)

Assigned to the *Oecetis testacea* J Curtis Group, reported from India, China, Nepal, Thailand, and Sumatra by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, India (Assam), China, Nepal, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDIA: Assam, Manipour, Oinamlong 22-23-v-1960 (CNC 22144); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

Syn.: *Oecetis uniforma* L Yang & JC Morse, 2000

*Oecetis pretiosa* (N Banks, 1913) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 India)

*Oecetina pretiosa* N Banks, 1913

*Oecetis prolongata* OS Flint, 1981 : NT (Venezuela)

*Oecetis pryadyumna* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis pseudoamazonica* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis amazonica* (N Banks) Holotype--Male; BOLIVIA: Rio Mocovi, near Trinidad, 14°44'27"S, 064°54'24"W, 12-11-2001 [11 or ii?, i.e., 12-November-2001? 12-February-2001?]; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis pseudoinconspicua* J Bueno-Soria, 1981 : NT (Mexico (Oaxaca))

*Oecetis pseudolaustra* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group in the far north of Cape York Peninsula, northern Queensland Holotype--Male; Australia: Queensland, Lakefield Natioan Park, Sweetwater Lagoon, 11 Oct 2002, G Theischinger; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis pulchella* (N Banks, 1936) : AU (Fiji Islands)  
*Oecetinella pulchella* N Banks, 1936  
*Oecetis punctata* (L Navas, 1924) : NT (Costa Rica)  
*Oecetinella punctata* L Navas, 1924  
*Oecetis punctatissima* (F Schmid, 1958) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Sri Lanka)

*Setodellina punctatissima* F Schmid, 1958  
*Oecetis punctipennis* (G Ulmer, 1905) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44

Male re-described from Argentina, Bolivia, Brazil, Costa Rica, Ecuador, Guyana, Nicaragua, Panama, Peru, Surinam, Venezuela near *Oecetis connata* OS Flint and *Oecetis iguazu* OS Flint by PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 31, 33, f 12 Brazil)

*Pseudosetodes punctipennis* G Ulmer, 1905  
Syn.: *Oecetina parishi* N Banks, 1915  
Syn.: *Oecetis bridarollina* L Navas, 1933

*Oecetis punctulata* L Navas, 1932 : OL (India)

*Oecetis purucha* F Schmid, 1995 : OL (Male described originally, in the *Oecetis penicillata* DE Kimmins Group

Assigned to *Oecetis penicillata* DE Kimmins Group and reported also from China (Yunnan) and Thailand by H Malicky, 2005, Linzer biol Beitr 37(1): 608

Distributed in Thailand, India (Assam), and China (Yunnan) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Holotype--Male; INDIA: Assam, Manipour, Lagairong, 26-v-1960 (CNC 22140); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

Syn.: *Oecetis ancylocerca* L Yang & JC Morse, 2000  
*Oecetis purusamedha* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from India, China, Thailand, Laos, Vietnam, Malaysia (Pahang, Perak), and Sumatra by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, India (Assam), China, Laos, Vietnam, Malaysia, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

Syn.: *Oecetis cyrtocercis* L Yang & JC Morse, 2000  
*Oecetis quadrata* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from northeastern Queensland Holotype--Male; Australia: North Queensland, Zarda Creek nr Mt Misery, W of Mossman, 1200 m, 23 Nov 1974, MS Moulds (NMV T-18513), deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Oecetis quadrofurcata* W Mey, 1998 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Philippines)  
*Oecetis quadrula* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis australis* and *Oecetis burtoni* from northern Australia (West Australia, Northern Territory, Queensland) and southeastern Victoria Holotype--Male; Australia: Northern Territory, Kakadu National Park, UDP Falls, 7 Sep 1979, J Blyth; on slide, T-18844; deposited in the Museum of Victoria, Melbourne, Australia Australia)  
*Oecetis quezonensis* W Mey, 2003 : OL (Male described originally near *Oecetis buitenzorgensis* G Ulmer and *Oecetis tripunctata* (JC Fabricius)

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to Agos River, at light, leg W Mey; pinned; deposited temporarily in the Museum

fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Oecetis radonensis* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis humphreyi* from Kimberly region of northern West Australia and northern Northern Territory Holotype--Male; Australia: Northern Territory, Kakadu National Park, Radon Springs, Suter and Wells, 13-14 Apr 1989; T-18840; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis rafaeli* OS Flint, 1991 : NT (Male re-described from Bolivia and Brazil by PR Martin, FM Gibon, & CI Molina, 2011, Zootaxa 2821: 33, f 13 Brazil)

*Oecetis raghava* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group, reported from India, Nepal, Thailand, Laos, and Vietnam by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Distributed in Thailand, India (Assam), Nepal, Laos, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Oecetis rajasimha* F Schmid, 1995 : OL (Male described originally, in the *Oecetis notata* (P Rambur) Group, *Oecetis hayagriva* F Schmid Subgroup

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Holotype--Male; INDIA: Mysore, Yodpai 16-i-1959 (CNC 22147); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis rama* ME Mosely, 1948 : AT (Lake Nyasa)

*Oecetis rectangula* DE Kimmins, 1963 : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 India)

*Oecetis reticulata* DE Kimmins, 1957 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Solomon Islands (Guadalcanal))

*Oecetis reticulatella* DE Kimmins, 1957 : AT (Gold Coast)

*Oecetis riakae* D Randriamasimanana & FM Gibon, 2000 : AT (Holotype--XXX?; MADACASCAR: Anjozorobe region, Mananara River Madagascar)

*Oecetis rivieri* D Randriamasimanana & FM Gibon, 2000 : AT (Male described originally Holotype--Male; Madagascar: Ankondondona, sur la Lakazana (bassin de la Betsiboka, station 02-76, long 47°45'47" E, lat 18°04'57" S, 21-XI[Nov]-[19]96, specimen P0665-12; Euparal slide preparation of genitalia, Euparal slide preparation of wings, remainder in alcohol, deposited in the Laboratoire d'Entomologie, Museum national d'Histoire naturelle, Paris Madagascar)

*Oecetis royi* DE Kimmins, 1961 : AT (Senegal)

*Oecetis rufescens* L Navas, 1932 : OL (India)

*Oecetis samsipta* J Olah & H Malicky, 2011 : OL (Male described originally in the *Oecetis lacustris* Group, *Oecetis jacobsoni* Complex, near *Oecetis meghadouta* F Schmid Holotype--Male; INDONESIA: Sumatra, Way Kambas National Park, 04°05'S, 105°49'E, 22-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Oecetis satyagraha* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, Linzer biol Beitr 37(1): 612 India)

*Oecetis scala* LJ Milne, 1934 : NA (United States of America)

*Oecetis scirpicula* A Neboiss, 1977 : AU (Male of the species, occurring in Tasmania, diagnosed from that of other Australian *Oecetis* species in the *Oecetis laustra* Group by A Wells, 2004, Mem of Mus Victoria 61(1): 88, 91, f 10-11, 104 Australia)

*Oecetis scoparia* OS Flint, 1974 : NT (Surinam)

*Oecetis scorpius* G Marlier, 1965 : AT (Angola)

*Oecetis scutata* G Ulmer, 1930 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from Indonesia (Sumatra), by F Schmid, 1995, Faberies 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Oecetis scutulata* AV Martynov, 1936 : OL (Assigned to the *Oecetis notata* (P Rambur) Group,

from India, by F Schmid, 1995, *Fabrerics* 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group, reported from India, Nepal, and Thailand by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Distributed in Thailand and India according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 (India)

Syn.: *Oecetis pancharatra* F Schmid, 1995

*Oecetis searica* A Wells, 2006 : OL (Male described originally in the *Oecetis pechana* Group from northeastern Queensland Holotype--Male; Australia: Queensland, Seary's Creek Rainbow Beach, 25°58'S, 153°04'E, 6 Jan 1986, G. Theischinger; on slide; T-18845; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis selene* G Marlier, 1965 : AT (Angola)

*Oecetis semissalis* L Yang & JC Morse, 2000 : OL (originally placed in subgenus *Pleurograpta* China (Fujian))

*Oecetis separata* N Banks, 1937 : OL (Philippines)

*Oecetis setifera* G Ulmer, 1922 : AT (Sudan)

Syn.: *Oecetis choa* ME Mosely, 1948

*Oecetis sibayiensis* KMF Scott, 1968 : AT (Republic of South Africa)

*Oecetis sicula* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pleurograpta*

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 China (Anhui))

*Oecetis silvestris* DG Gibbs, 1973 : AT (Ghana)

*Oecetis silviae* J Bueno-Soria, 1981 : NT (Mexico (Veracruz))

*Oecetis simplex* G Marlier, 1956 : AT (Lake Tanganyika)

*Oecetis singularis* (G Ulmer, 1930) : OL (Assigned to the *Oecetis penicillata* DE Kimmins Group, in Indonesia (Sumatra, Java) by F Schmid, 1995, *Fabrerics* 20(4): 116

Assigned to *Oecetis penicillata* DE Kimmins Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 608

Holotype redescribed in the *Oecetis penicillata* Group Holotype--Male; "Edw Jacobson, Muara Sako, Sum 19-1915" and "Mus Leyden 1929"; deposited in the Hamburg Museum, Hamburg, Germany (H Malicky, 2009, *Braueria* 36: 49) Indonesia (Sumatra))

*Oecetodella singularis* G Ulmer, 1930

*Oecetis sinuata* DE Kimmins, 1963 : OL (Assigned to the *Oecetis assamensis* DE Kimmins Group, from Burma, by F Schmid, 1995, *Fabrerics* 20(4): 127

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Myanmar)

*Oecetis skiron* H Malicky & T Prommi, 2006 : OL (Male described originally near *Oecetis keyx* H Malicky and *Oecetis lyaeus* H Malicky Holotype--Male; THAILAND: Suratthani Prov, Khao Sok National Park, Sib-Et-Chan Waterfall, 133 m, 8°55'N, 98°31'E, 10-i-2004; deposited in the collection of Hans Malicky, Lunz am See, Austria Thailand)

*Oecetis spatula* YE Chen, 2000 : OL (Originally placed in subgenus *Pseudosetodes*, from Taiwan and China (Yunnan)

Assigned to the *Oecetis eburnea* F Schmid Group and reported from Indonesia (Java) by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 Taiwan)

*Oecetis sphyra* HH Ross, 1941 : NA (United States of America)

*Oecetis spicata* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from southeastern and northern Queensland, northern Northern Territory, and northern Western Australia Holotype--Male; Australia: Gunshot Creek at Telegraph Crossing, 11°42.9'S, 142°20.0'E, 14-15 Feb 1992, D Cartwright and A Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Oecetis spinifera* FM Gibon & D Randriamasimanana, 1998 : AT (Assigned to the *Oecetis*

*lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 624 Madagascar)  
*Oecetis spinifera* L Yang & JC Morse, 2000 : OL (originally placed in subgenus *Oecetis*

preoccupied by FM Gibon & D Randriamasimanana, 1998, to be replaced China (Anhui))  
*Oecetis spinosa* YE Chen (nomen nudum, Male described originally in unpublished MS thesis,  
Clemson University, 1990

Male redescribed in unpublished PhD dissertation, YE Chen, 1993

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1):  
624 Taiwan)

*Oecetis squamosa* DE Kimmins, 1962 : AU (Papua)

*Oecetis stepheni* D Randriamasimanana & FM Gibon, 1999 : AT (Madagascar)

*Oecetis striata* (DE Kimmins, 1956) : AT (Uganda)

*Setodellina striata* DE Kimmins, 1956

*Oecetis struckii* F Klapalek, 1903 (Larval diagnosis by P Wiberg-Larsen & J Waringer, 1998,  
*Aquatic Insects* 20(4): 231-238

Diagnostic characters of larva, as *Paroecetis struckii*, provided by OL Katschalova, 1998, in GS  
Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part*  
*VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 276

Spelled "strucki" and assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005,  
*Linzer biol Beitr* 37(1): 613 Czech Republic)

*Oecetis submaculosa* DE Kimmins, 1963 : OL (An isolated species, resembling *Oecetis laustra*  
ME Mosely, from India (Kerala, Mysore), according to F Schmid, 1995, *Faberies* 20(4): 133

Assigned to the *Oecetis eburnea* F Schmid Group and reported from India, Nepal, and Pakistan  
by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 India)

*Oecetis sumanasara* F Schmid, 1958 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H  
Malicky, 2005, *Linzer biol Beitr* 37(1): 613 Sri Lanka)

*Oecetis sunyani* DG Gibbs, 1973 : AT (Ghana)

*Oecetis suteri* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near  
*Oecetis pechana* and *Oecetis magelena* from West Australia, Northern Territory, and  
Queensland Holotype--Male; Australia: Northern Territory, Holmes Jungle, 7 Jun 1991, Horak  
and Wells, on slide; deposited in the Australian National Insect Collection, Canberra, Australia  
Australia)

*Oecetis sylveri* D Randriamasimanana & FM Gibon, 1998 : AT (Madagascar)

*Oecetis symoensi* G Marlier, 1981 : AT (Democratic Republic of the Congo)

*Oecetis taenia* L Yang & JC Morse, 2000 : OL (Originally placed in subgenus *Pseudosetodes*

Assigned to the *Oecetis eburnea* F Schmid Group, male redescribed from Thailand, reported also  
from China, Laos, and Taiwan by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613, pl 4, 28

Distributed in Thailand, China (Taiwan), and Laos according to A Nuntakwang, P  
Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on*  
*Trichoptera* 12: 257-262 China (Sichuan))

*Oecetis tafo* DG Gibbs, 1973 : AT (Ghana)

*Oecetis tages* H Malicky & S Silalom, 2005 : OL (Male described originally Holotype--Male;  
THAILAND: Phangnga, Lum Pee WF, 25 m, 08°31'N, 98°18'E, 18-x-1999, leg Thani; deposited  
in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oecetis tampoloensis* D Randriamasimanana & FM Gibon, 1999 : AT (Madagascar)

*Oecetis tenella* (L Navas, 1931) : AT (Transferred from *Ptochoecetis* to *Oecetis* by T Malm & KA  
Johanson, 2011, *BioMed Central Evolutionary Biology* 11(10): 1-17 Democratic Republic of the  
Congo)

*Haplocetina tenella* L Navas, 1931

*Oecetis tenuis* (AV Martynov, 1936) : OL (Assigned to the *Oecetis lacustris* FJ Pictet Group by H  
Malicky, 2005, *Linzer biol Beitr* 37(1): 624 India)

*Setodellina tenuis* AV Martynov, 1936

*Oecetis terania* A Wells, 2004 : AU (Male described originally in the *Oecetis laustra* Group from

northeastern New South Wales Holotype--Male; Australia: New South Wales, Terania Creek, No of Lismore, 28°25'S, 153°18'E, 21 Jan 1986, G. Theischinger (NMV T18516); deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis terraesanctae* (L Botosaneanu & A Gasith, 1971) (Reported from Yemen by H Malicky, 1999, *Esperiana* 7: 343-348)

Assigned to the *Oecetis eburnea* F Schmid Group and reported from Levant and Yemen by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 Israel)

*Setodes terraesanctae* L Botosaneanu & A Gasith, 1971

*Oecetis testacea* (J Curtis, 1834) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Additional annotated record for Germany (Bavaria) provided by A Weinzierl, 1999, *Lauterbornia* 36: 9-12

First record for northern Hungary provided by O Kiss & D Schmera, 1999, *P Internatn Symp Trich* 9: 171-174

Reported from Hungary by D Schmera, 2000, *Folia Historico Naturalia Musei Matraensis* 24: 127-128

Reported from Austria by W Graf & G Hutter, 2004, *Vorarlberger Naturschau Forschen und Entdecken* 14: 143-152

Assigned to the *Oecetis testacea* J Curtis Group from Europe to Far East by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615 Britain)

*Leptocerus testacea* J Curtis, 1834

*Oecetis testacea kumanskii* L Yang & JC Morse, 2000 (~testacea (J Curtis, 1834, *Phil Mag* 4: 214), *Leptocerus*)

*Oecetis tetragona* G Marlier, 1965 : AT (Angola)

*Oecetis theischingeri* A Wells, 2006 : AU (Male described originally in *Oecetis pechana* Group near *Oecetis jenniae* A Wells and *Oecetis mouldsi* A Wells from north, central, and southeastern Queensland, New South Wales, with Victoria record doubtful Holotype--Male; Australia: Queensland, Booloumba Creek, 8 km SW of Kenilworth, 26°39'S, 152°39'E, 12 Dec 1984, G. Theischinger; on slide, T-18843; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Oecetis thikanensis* ME Mosely, 1939 : AT (Kenya)

*Oecetis tianmuensis* L Yang, C Sun, & W Yang, 2001 : OL (Male described originally in subgenus *Pseudosetodes* Holotype--Male; China: Zhejiang, Tianmushan, Sanmuping, 780 m, 17-03-1999, collected by Zhao Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Oecetis tjonnelandi* DE Kimmins, 1963 : AT (Ethiopia)

*Oecetis townesorum* JC Morse, 1974 : AT (Republic of South Africa)

*Oecetis traini* PR Martin, FM Gibon, & CI Molina, 2011 : NT (Male described originally near *Oecetis scoparia* OS Flint and *Oecetis peruviana* (N Banks) Holotype--Male; BOLIVIA: Lake Colorado, near Trinidad, 14°48'21"S, 064°58'41"W, 16-xi-2002; deposited in the Instituto Miguel Lillo, Argentina Bolivia)

*Oecetis tripunctata* (JC Fabricius, 1793) : AU, OL, PA (Additional annotated record for Germany (Bavaria) provided by A Weinzierl, 1999, *Lauterbornia* 36: 9-12)

Male and female redescribed, distinguished from similar species, assigned to subgenus *Oecetis* by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 3, 8, 119-121, 145, 147, f 132, 220



Assignment to the *Oecetis lacustris* FJ Pictet Group, very wide distribution, and related species discussed by H Malicky, 2005, *Linzer biol Beitr* 37(1): 588, 625

*Oecetis buitenzorgensis* Ulmer Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 623

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Sulawesi, Indonesia, by W Mey, 2006, *Beitr Entomol, Keltern* 56(1): 211

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Male of *Oecetis buitenzorgensis* G Ulmer redescribed in the *Oecetis pechana* Group from northeastern Queensland by A Wells, 2006, *Mem Mus Victoria* 63(2): 122, 43-45, 71

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from western Europe to Indonesia (Bali, Sulawesi) and The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 14, 15

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Germany)

*Phryganea tripunctata* JC Fabricius, 1793

Syn.: *Oecetis alexanderi* K Kumanski, 1976

Syn.: *Oecetis buitenzorgensis* G Ulmer, 1951

Syn.: *Setodes punctatella* P Rambur, 1842

*Oecetis tsudai* FCJ Fischer, 1970 (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 615

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu) and Russia (Sakhalin) according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

Syn.: *Oecetis orientalis* M Tsuda, 1942

Syn.: *Oecetis testacea sakhalinica* TI Arefina, 2005

*Oecetis udayakara* F Schmid, 1995 : OL (Spelled "udyakara" and assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 India)

*Oecetis umbra* A Neboiss, 1977 : AU (Male redescribed in *Oecetis pechana* Group from Tasmania by A Wells, 2006, *Mem Mus Victoria* 63(2): 110, f 58 Holotype--Male; Australia: Tasmania, Waldheim, Cradle Mountain National Park; T-5489; deposited in the Museum of Victoria, Melbourne, Australia (A Wells, 2006, *Mem Mus Victoria* 63(2): 110) Australia)

*Oecetis unicolor* (R McLachlan, 1868) : AU (New Zealand)

*Setodes unicolor* R McLachlan, 1868

*Oecetis uniforma* L Yang & JC Morse, 2000 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; CHINA: Yunnan, Guang-nan Xian, 24.10\*N, 105.10\*E, Ba-bao-Zhen, Xiang-shui-he-, 16 July 1990, Coll. Li You-wen; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Oecetis upadana* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 India)

*Oecetis uptoni* A Wells, 2000 : AU (Australia)

*Oecetis uyulala* H Malicky & A Lounaci, 1987 (Assigned to the *Oecetis eburnea* F Schmid Group by H Malicky, 2005, *Linzer biol Beitr* 37(1): 613 Algeria)

*Oecetis vanaprachta* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H

**Malicky, 2005, Linzer biol Beitr 37(1): 615 India)**

*Oecetis vasugupta* F Schmid, 1995 : OL (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 India)

*Oecetis vidhyadara* F Schmid, 1995 : OL (Male described originally, an isolated species near *Oecetis rectangula* DE Kimmins

Assigned to the *Oecetis lacustris* FJ Pictet Group by H Malicky, 2005, Linzer biol Beitr 37(1): 624 Holotype--Male; INDIA: Assam, United Jaintia and Khasi Hills, Mawlang 12-iv-1960 (CNC 22154); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis vijayaditya* F Schmid, 1995 : OL (India)

*Oecetis vikramaditya* F Schmid, 1995 : OL (India)

*Oecetis villosa* DE Kimmins, 1963 : OL (Assigned to the *Oecetis notata* (P Rambur) Group, from India, by F Schmid, 1995, Faberies 20(4): 120

Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615

Distributed in Thailand, Laos, and India according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Oecetis virgata* G Ulmer, 1908 : AT (Tanganyika, Ruanda-Urundi)

*Oecetis viriplaca* H Malicky, 2005 : OL (Male described originally in the *Oecetis wamena* H Malicky Group near *Oecetis wamena* H Malicky Holotype--Male; PAPUA NEW GUINEA: Madang, Brahman Mission, 11-15-x-1992, leg VO Becker; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Oecetis vrindawama* F Schmid, 1995 : OL (Male described originally, an isolated species near *Oecetis hamata* G Ulmer Holotype--Male; INDIA: Mysore, Yodpai 16-i-1959 (CNC 22156); deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Oecetis vulgata* (G Marlier, 1956) : AT (Lake Tanganyika)

*Potamoryza vulgata* G Marlier, 1956

*Oecetis walpolica* A Neboiss, 1982 : AU (Male redescribed in *Oecetis pechana* Group from West Australia and Northern Territory by A Wells, 2006, Mem Mus Victoria 63(2): 110, f 7, 8, 57 Holotype--Male; Australia: Western Australia, Frankland R, Circular pool, 6 km NE of Walpole; T-6596; deposited in the Museum of Victoria, Melbourne, Australia (A Wells, 2006, Mem Mus Victoria 63(2): 110) Australia)

*Oecetis wamena* H Malicky, 2005 : AU (Male described originally in the *Oecetis wamena* H Malicky Group Holotype--Male; INDONESIA: Irian Jaya, Wamena, 1600 m, 13-xi-1971, leg Diehl; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Irian Jaya))

*Oecetis xaniona* A Neboiss, 1989 : AU (Assigned to the *Oecetis testacea* J Curtis Group by H Malicky, 2005, Linzer biol Beitr 37(1): 615 Papua New Guinea)

*Oecetis yogeshwara* F Schmid, 1995 : OL (Assigned to the *Oecetis eburnea* F Schmid Group and reported from India and Nepal by H Malicky, 2005, Linzer biol Beitr 37(1): 613

Reported from Nepal as *Oecetis yogeshwara* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Oecetis yukii* M Tsuda, 1942 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Oecetis zoeliae* D Randriamasimanana & FM Gibon, 2000 : AT (Holotype--XXX?;

MADACASCAR: Andranomaitso, Vintanona River Madagascar)

*Oecismus* R McLachlan, 1876

*Oecismus kazdagensis* F Sipahiler, 1996 (Turkey)

*Oecismus monedula* (HA Hagen, 1859) (Reported from northern Germany by M Hohmann, 2000, Naturwissenschaftliche Beitrage des Museums Dessau 12: 93-109

Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Subspecies need review according to H Malicky, 2005, Linzer biol Beitr 37(1): 579 Germany)

*Sericostoma monedula* HA Hagen, 1859

*Oecismus monedula pinkeri* H Malicky, 1975 (*Oecismus monedula* (HA Hagen, 1859, Stettin ent Zeit 20: 148-149), *Sericostoma*)

Female described by F Sipahiler, 2007, Braueria 34: 36-37, textfigs Turkey)

*Oecismus mucidus* R McLachlan, 1876 (Greece)

*Oecismus tjederi* H Malicky, 1981 (Greece)

*Oeconesus* R McLachlan, 1862

*Oeconesus angustus* JB Ward, 1997 : AU (New Zealand)

*Oeconesus incisus* ME Mosely, 1953 : AU (Type locality correction by JB Ward, 1997, N Zeal J Zool 24(2): 175)

Species status, diagnostic characters to distinguish from *Oeconesus maori* and *Oeconesus similis* provided by JB Ward, 1999, Records of the Canterbury Museum 13: 75-95 New Zealand)

*Oeconesus maori* R McLachlan, 1862 : AU (Diagnostic characters to distinguish from *Oeconesus incisus* and *Oeconesus similis* provided by JB Ward, 1999, Records of the Canterbury Museum 13: 90)

Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)

Syn.: *Oeconesus lobatus* KAJ Wise, 1958

Syn.: *Oeconesus zelandensis* ME Mosely, 1953

*Oeconesus similis* ME Mosely, 1953 : AU (

Diagnostic characters to distinguish from *Oeconesus maori* and *Oeconesus incisus* provided by JB Ward, 1999, Records of the Canterbury Museum 13: 90 New Zealand)

*Oestropsyche* F Brauer, 1868

*Oligophlebodes* G Ulmer, 1905

*Oligophlebodes ardis* HH Ross, 1941 : NA (United States of America)

*Oligophlebodes minutus* (N Banks, 1897) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Halesus minutus* N Banks, 1897

Syn.: *Apatania pictula* N Banks, 1943

Syn.: *Oligophlebodes coloradensis* G Ulmer, 1905

*Oligophlebodes mostbento* F Schmid, 1968 : NA (United States of America)

*Oligophlebodes ruthae* HH Ross, 1944 : NA (United States of America)

*Oligophlebodes sierra* HH Ross, 1944 : NA (United States of America)

*Oligophlebodes sigma* LJ Milne, 1935 : NA (United States of America)

*Oligophlebodes zelti* AP Nimmo, 1971 : NA (Canada)

*Oligostomis* F Kolenati, 1848

*Oligostomis ocelligera* (F Walker, 1852) : NA (Reported from Tennessee by GJ Wiggins, DA Etnier, JF Grant, PL Lambdin, & AJ Mayor, 2001, Entomological News 112(3): 187-190 Canada)

*Neuronia ocelligera* F Walker, 1852

Syn.: *Neuronia stygipes* HA Hagen, 1873

*Oligostomis pardalis* (F Walker, 1852) : NA (Reported from Tennessee by GJ Wiggins, DA Etnier, JF Grant, PL Lambdin, & AJ Mayor, 2001, Entomological News 112(3): 187-190 Canada)

*Neuronia pardalis* F Walker, 1852

*Oligostomis pardalis redmani* C Betten & ME Mosely, 1940 ( ~*pardalis* (F Walker, 1852, Cat Br Mus Neur 1: 7-8), *Neuronia*)  
*Oligostomis reticulata* (C Linnaeus, 1761) (Reported from Germany by PJ Neu, 1999, Mitteilungen der Pollichia 86: 151-160)

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

*Phryganea reticulata* C Linnaeus, 1761

Syn.: *Neuronia stalii* R McLachlan, 1868

*Oligostomis soochowica* (G Ulmer, 1932) : OL (China (Jiangsu))

*Neuronia soochowica* G Ulmer, 1932

*Oligostomis wigginsi* H Nishimoto & N Kawase, 2005 (Japan)

*Oligotricha* P Rambur, 1842

*Oligotricha fulvipes* (S Matsumura, 1904) (

Reported from Hiroshima Prefecture (Japan), as *Oligotricha fluvipes*, by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Neuronia fulvipes* S Matsumura, 1904

Syn.: *Oligostomis hirayamae* S Matsumura, 1931

*Oligotricha hybridoides* GB Wiggins & S Kuwayama, 1971 (Japan)

*Oligotricha kawamurai* (M Iwata, 1927) (Status provided by T Nozaki, K Tanida, & T Ito, 1999, Japanese Journal of Limnology 60(3): 351 Japan)

*Neuronia kawamurai* M Iwata, 1927

*Oligotricha lapponica* (HA Hagen, 1864) : NA, PA (Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 52)

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Lapland)

*Neuronia lapponica* HA Hagen, 1864

Syn.: *Neuronia childreni* C Betten & ME Mosely, 1940

Syn.: *Neuronia stigmatica* HA Hagen, 1873

*Oligotricha lapponica hyperborea* KH Forsslund, 1933 (

~*lapponica* (HA Hagen, 1864, Verh zool bot Ges 14: 852), *Neuronia*)

*Oligotricha maxima* (M Iwata, 1927) (According to T Nozaki, K Tanida, and T Ito, 1999, Jap J Limnol 60(3): 351, "Although *N maxima* was placed as a junior synonym of *E regina* by Tanida (1985 [reference not provided]), Wiggins (1998 [The Caddisfly Fam Phryganeidae]) suggested that *N maxima* might be a junior synonym of *Semblis melaleuca* (McLachlan) based on the dorsal bands of the head in Iwata's illustrations. The type specimen of *N maxima* should be compared with the larva of *S melaleuca*, which has not yet been described." Japan)

*Neuronia maxima* M Iwata, 1927

*Oligotricha spicata* GB Wiggins & S Kuwayama, 1957 (Japan)

*Oligotricha striata* (C Linnaeus, 1758) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Larval head and thorax illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 82

Predation on amphibian eggs by J Majecki & K Majecka, 1998, *Amphibia-Reptilia* 19(2): 230-233

Nematode parasite *Anguillicola crassus* by F Moravec & B Skorikova, 1998, *Diseases of Aquatic Organisms* 34(3): 217-222

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Sweden)

*Phryganea striata* C Linnaeus, 1758

Syn.: *Neuronia fusca* JF Stephens, 1837

Syn.: *Oligotricha chloronevra* P Rambur, 1842

Syn.: *Phryganea analis* JC Fabricius, 1775

Syn.: *Phryganea ruficrus* JA Scopoli, 1763

*Olinga* R McLachlan, 1894

*Olinga christinae* JB Ward & JC McKenzie, 1997 : AU (New Zealand)

*Olinga feredayi* (R McLachlan, 1868) : AU (Diagnostic characters to distinguish from *Olinga jeanae* by JB Ward & JC McKenzie, 1998, *N Zeal Natr Sci* 23: 6

Food plant leaf litter characteristics, preferences, and effect on growth provided by JM Quinn, BJ Smith, GP Burrell, & S Parkyn, 2000, *New Zealand Journal of Marine and Freshwater Research* 34(2): 273-287

Growth on surface and hyporheic food sources described by GP Burrell & ME Ledger, 2003, *Journal of the North American Benthological Society* 22(1): 92-104 New Zealand)

*Olinx feredayi* R McLachlan, 1868

*Olinga fumosa* KAJ Wise, 1958 : AU (New Zealand)

*Olinga jeanae* AG McFarlane, 1966 : AU (lectotype designated, diagnostic characters to distinguish from *Olinga feredayi* by JB Ward & JC McKenzie, 1998, *N Zeal Natr Sci* 23: 6 New Zealand)

*Onocosmoecus* N Banks, 1943

*Onocosmoecus sequoiae* GB Wiggins & JS Richardson, 1986 : NA (United States of America)

*Onocosmoecus unicolor* (N Banks, 1897) : NA (Spring growth in response to marine-derived nutrients and food type in southeastern Alaska reported by JL Lessard, RW Merritt, & KW Cummins, 2003, *Annales de Limnologie* 39(1): 3-14

Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, *Can J Zool* 81: 1083-1095

Oviposition behavior described by A Hoffman & VH Resh, 2005, *Proc Internatn Symp Trichoptera* 11: 175-179

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

United States of America)

*Anabolia unicolor* N Banks, 1897

Syn.: *Anabolia quadrinotata* N Banks, 1908

Syn.: *Asynarchus tristis* N Banks, 1900

Syn.: *Dicosmoecus alascensis* N Banks, 1943

Syn.: *Dicosmoecus coloradensis* G Ulmer, 1905

Syn.: *Dicosmoecus flavus* AV Martynov, 1914

Syn.: *Dicosmoecus occidentis* N Banks, 1943

*Orinocotrichia* SC Harris, OS Flint, & RW Holzenthal, 2002

*Orinocotrichia calcariga* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (male and female described originally Holotype--Male; Venezuela, T F Amazonas, Rio Cataniapo, 10 km S Puerto Ayacucho, III-9-1984, O Flint; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Oropsyche* HH Ross, 1941

*Oropsyche howellae* HH Ross, 1941 : NA (United States of America)

*Orphninostrichia* ME Mosely, 1934

*Orphninostrichia acta* A Neboiss, 1977 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52 Holotype--Male; Australia: Tasmania, Ulverstone, 18 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52) Australia (Tasmania))

*Orphninostrichia alata* A Wells, 2010 : AU (Male described originally Holotype--Male; AUSTRALIA: North Queensland, Crystal Cascades, Tributary of Crystal Creek, 16.96508°S, 145.67603°E GPS +-2 m, 69 m asl, 5-xi-2008, sweep net, A Wells; deposited in the Queensland Museum, Brisbane, Australia Australia)

*Orphninostrichia barbarae* A Wells, 2010 : AU (Male described originally near *Orphninostrichia desleyae* A Wells, *Orphninostrichia justini* A Wells, and *Orphninostrichia regia* A Wells Holotype--Male; AUSTRALIA: Queensland, Kuranda (Top of the Range), 16°48'S, 145°38'E (335 m), 19 Butler Drive, 4-xi-2009, sweep net, A Wells; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Orphninostrichia benambrica* A Wells, 1983 : AU (Australia)

*Orphninostrichia bilobata* A Wells, 2002 : AU (Australia)

*Orphninostrichia claviculata* A Wells, 2002 : AU (Australia)

*Orphninostrichia desleyae* A Wells, 2010 : AU (Male described originally near *Orphninostrichia barbarae* A Wells, *Orphninostrichia justini* A Wells, and *Orphninostrichia regia* A Wells Holotype--Male; AUSTRALIA: Queensland, Crystal Cascades, Tributary of Crystal Creek, 16.96508°S, 145.67603°E GPS +-2 m, 69 m asl, 5-xi-2008, sweep net, A Wells; deposited in the Queensland Museum, Brisbane, Australia Australia)

*Orphninostrichia dundungra* A Wells, 2002 : AU (Australia)

*Orphninostrichia gilva* A Wells, 1999 : AU (Lord Howe Island)

*Orphninostrichia justini* A Wells, 1983 : AU (Australia)

*Orphninostrichia maculata* ME Mosely, 1934 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 52 Holotype--Male; Australia: New South Wales, Hornsby, 31 Aug 1916; deposited in The Natural History Museum, London, United Kingdom Australia (Tasmania))

*Orphninostrichia media* A Wells, 1980 : AU (Australia)

*Orphninostrichia originis* A Wells, 1990 : AU (Australia)

*Orphninostrichia papillata* A Wells, 1980 : AU (Reported from Australia (New South Wales) by A Wells, 2002, Australian Journal of Entomology 41(3): 221-225 Australia)

*Orphninostrichia plumosa* A Wells, 1999 : AU (Lord Howe Island)

*Orphninostrichia regia* A Wells, 1980 : AU (Australia)

*Orphninostrichia rugosa* A Wells, 1999 : AU (Lord Howe Island)

*Orphninostrichia silicis* A Wells, 1980 : AU (Reported from Australia (North Queensland) by A Wells, 2010, Zootaxa 2641: 50 Australia)

*Orphninostrichia squamosa* A Wells, 1999 : AU (Lord Howe Island)

*Orphninostrichia subulata* A Wells, 1983 : AU (Australia)

*Orthotrichia* AE Eaton, 1873

*Orthotrichia aberrans* A Wells, 1979 : AU (Australia)

*Orthotrichia acina* A Wells, 2005 : AU (Australia (Queensland))

*Orthotrichia aculeata* A Wells, 1979 : AU (Australia)

*Orthotrichia adornata* A Wells, 1979 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 55 Holotype--Male; Australia: Victoria, Millgrove, Yarra River, 24 Feb 1976; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 55) Australia (Victoria))

*Orthotrichia advena* A Wells, 1984 : AU (New Guinea)  
*Orthotrichia aegerfasciella* (VT Chambers, 1873) : NA, NT (Reported for the first time from Dominican Republic (Barahona, La Altagracia, La Romana) by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 40

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 United States of America)

*Clymene aegerfasciella* VT Chambers, 1873

Syn.: *Orthotrichia americana* N Banks, 1904

Syn.: *Orthotrichia brachiata* KJ Morton, 1905

Syn.: *Oxyethira dorsalis* N Banks, 1904

*Orthotrichia aequatoriana* DE Kimmins, 1957 : AT (Uganda)

*Orthotrichia agtuuganonica* W Mey, 1998 : OL (Philippines)

*Orthotrichia aiema* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia alata* A Wells, 1990 : AU (Australia)

*Orthotrichia alboguttata* S Jacquemart, 1956 : AT (Rwanda-Zaire)

*Orthotrichia alveata* A Wells, 1979 : AU (Australia)

*Orthotrichia ammanensis* H Malicky, 1996 (Jordan)

*Orthotrichia amnica* A Wells, 1990 : AU (Australia)

*Orthotrichia andicairnsae* A Wells, 2010 : AU (Male described originally near *Orthotrichia gracilis* A Wells and *Orthotrichia amnica* A Wells and *Orthotrichia orbostensis* A Wells  
Holotype--Male; AUSTRALIA: North Queensland, Fishery Falls, S of Cairns, 17°11'S, 145°52'E, 10-11-xi-2007, light trap, A Cairns, A Wells, W Cairns; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Orthotrichia angustella* (R McLachlan, 1865) (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 132

First record for Slovenia (River Scavnica, Cezanjevci) provided by G Urbanic, CKrusnik, & MJ Toman, 2000, Acta Entomologica Slovenica 8(1): 43-48

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Hydroptila angustella* R McLachlan, 1865

Syn.: *Hydroptila brunneicornis* FJ Pictet, 1834

*Orthotrichia annulata* A Wells, 1984 : AU (New Guinea)

*Orthotrichia apophys* L Zhou & LF Yang, 2010 : OL (Male described originally in the *Orthotrichia angustella* Group near *Orthotrichia bencana* J Olah Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Jiu Lian Shan National Nature Reserve, Da-Qiu-Tian, 8.2 km northwest of Da-Qiu-Tian (24°34'15"N, 114°25'50"E), elev 425 m, 10-vi-2005, Coll Zhou Xin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Orthotrichia armata* A Wells, 1979 : AU (Australia)

*Orthotrichia asimetris* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra), Malaysia (Perak, Sarawak), and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(1): 1037

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra)

*Orthotrichia atraseta* A Wells, 1979 : AU (Australia)

*Orthotrichia attenuata* A Wells, 1983 : AU (Australia)

*Orthotrichia avicularis* DE Kimmins, 1951 : OL (India)

*Orthotrichia baldufi* JM Kingsolver & HH Ross, 1961 : NA (United States of America)

*Orthotrichia banisbus* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia barnardi* KMF Scott, 1963 : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218

Republic of South Africa)

*Orthotrichia bellicosa* A Wells, 1979 : AU (Australia)

*Orthotrichia bencana* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)

Syn.: *Orthotrichia adunca* L Yang & Y Xue, 1992

*Orthotrichia benguelensis* G Marlier, 1965 : AT (Angola)

*Orthotrichia bensoni* A Wells, 1990 : AU (Australia)

*Orthotrichia berbaring* A Wells & H Malicky, 1997 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Orthotrichia bertie* A Wells, 2005 : AU (Australia (Queensland))

*Orthotrichia bilasnating* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia biokrotta* H Malicky & S Melnitsky, 2008 : OL (Male described originally in the *Orthotrichia litoralis* Group near *Orthotrichia thyone* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Trat Province, Chang Island, river Khlong Plu, over the Khlong Plu Waterfall, h=126 m, 12°03'56.74"N, 102°18'51.30"E, at UV light trap, 21-ii-2007, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St. Petersburg, Russia Thailand (Chang Island))

*Orthotrichia bipela* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia bisetula* A Wells & T Andersen, 1995 : AT (Tanzania)

*Orthotrichia bishopi* A Wells, 1979 : AU (Australia)

*Orthotrichia bolyi* W Guenda, 1996 : AT (Burkina Faso)

*Orthotrichia bucera* L Yang & Y Xue, 1992 : OL (China(Guangxi))

*Orthotrichia bullata* A Wells, 1979 : AU (Australia)

*Orthotrichia capillata* A Wells, 1979 : AU (Australia)

*Orthotrichia cazaubonae* W Guenda, 1996 : AT (Burkina Faso)

*Orthotrichia cernyi* W Mey, 1990 : OL (Philippines)

*Orthotrichia chitwan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally with unknown relationships Holotype--Male; NEPAL: Chitwan National Park, Temple Tiger Lodge, 27°32'N, 084°04'E, 150 m, 18-19-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Orthotrichia cinctigera* A Wells, 1984 : AU (New Guinea)

*Orthotrichia conferta* A Wells, 1983 : AU (Male redescribed with some variation by A Wells, 2010, Zootaxa 2641: 52, f 9 Australia)

*Orthotrichia constricta* A Wells, 1990 : AU (Australia)

*Orthotrichia cornuta* L Zhou & LF Yang, 2010 : OL (Male described originally in the *Orthotrichia costalis* Group near *Orthotrichia terpsichore* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Sichuan Province, Shi-mian County, Li-zi-ping Nature Preserve, Ca-luo-xiang Town, unnamed tributary of Hai-zi-gou Stream, 200 m W of 3rd-level Hydropower Station, 4.3 km S of G108 from 2600.8 km stone marker (29°08'27"N, 102°22'08"E), elev 1384 m, 30-vi-2005, Coll Sun Chang-Hai, Zhou-Chang-Fa, CJ Geraci; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Orthotrichia costalis* (J Curtis, 1834) (Larva described, reported from China (Hubei), as *Orthotrichia tetensii* HJ Kolbe, by S Wang, 1963, Acta Hydrobiologica Sinica 3: 58, f 13-18

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Male and female illustrated and species reported from Europe and Russia (Khabarovsk and South Primorye) by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 100, f 9-15

New record for Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2003, Braueria 30: 17

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, Lauterbornia 56: 155-167



Listed as a fossil species from Merfelder Lake (late Holocene) as "*Orthotrichia ?costalis*" by KY Eskov, A Wells, VD Ivanov, R Kulicka, & ID Sukatsheva, 2008, *Prace Muzeum Ziemi* 49: 78, tab 1

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Britain)

*Hydroptila costalis* J Curtis, 1834

Syn.: *Orthotrichia tetensii* HJ Kolbe, 1887

*Orthotrichia cristata* KJ Morton, 1905 : NA, NT (

Flight period, voltinism by DC Houghton & KW Stewart, 1998, *Entomol News* 109(2): 103-109

Reported for the first time from the Dominican Republic (Barahona, La Altagracia, La Romana) OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 40

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Orthotrichia crutwelli* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia cucullata* A Wells, 1984 : AU (New Guinea)

*Orthotrichia curta* JM Kingsolver & HH Ross, 1961 : NA (United States of America)

*Orthotrichia curvata* (G Ulmer, 1951) : OL (Male redescribed in the *Orthotrichia maeandrica* Group near *Orthotrichia lanna* H Malicky & P Chantaramongkol, *Orthotrichia extensa* AV Martynov, *Orthotrichia udawarama* F Schmid, and *Orthotrichia luonga* J Olah from Indonesia (Bali) by H Malicky & P Chantaramongkol, 2007, *Linzer biol Beitr* 39(2): 1040, pl 28 Indonesia (Java))

*Javanotrichia curvata* G Ulmer, 1951

*Orthotrichia cuspidigera* L Zhou & LF Yang, 2010 : OL (Male described originally near *Orthotrichia tyro* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Jiu Lian Shan National Nature Reserve, Da-Qiu-Tian, 8.2 km northwest of Da-Qiu-Tian (24°34'15"N, 114°25'50"E), elev 425 m, 10-vi-2005, Coll Zhou Xin China (Jiangxi))

*Orthotrichia damasi* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Orthotrichia dampfi* (G Ulmer, 1963) (Egypt)

*Javanotrichia dampfi* G Ulmer, 1963

*Orthotrichia dapola* W Guenda, 1996 : AT (Burkina Faso)

*Orthotrichia dentata* JM Kingsolver & HH Ross, 1961 : NA (United States of America)

*Orthotrichia deukalion* H Malicky & T Prommi, 2000 : OL (Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Koo Kao Thailand)

*Orthotrichia digitata* A Wells, 1984 : AU (New Guinea)

*Orthotrichia dilgri* A Wells, 1983 : AU (Australia)

*Orthotrichia discedata* L Zhou & JC Morse, 2010 : OL (Male described originally near *Orthotrichia triacantha* W Mey Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Fujian Province, Jiu-qu-xi (27°27'00"N, 118°01'12"E), elev 220 m, 30-v-1990, Coll J Morse, Liu Chang-Ming, Huang Jian; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Fujian))

*Orthotrichia disparalis* A Wells, 1984 : AU (New Guinea)

*Orthotrichia ditenga* A Wells, 1990 : OL (Male described originally, near *Orthotrichia menarika* A Wells and *Orthotrichia jembatana* A Wells Holotype--Male; INDONESIA: Sulawesi Utara, Motolanga R, Doloduo-Malibagu Road, 9-v-1985, MV light, Wells and Dowling; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Orthotrichia divaricata* A Wells, 1983 : AU (Australia)

*Orthotrichia echidna* H Malicky, 1999 : AT (Occurring in WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 545 Yemen)

*Orthotrichia egena* W Mey, 1998 : OL (Philippines)

*Orthotrichia ensiformis* A Wells, 1984 : AU (New Guinea)

*Orthotrichia eurhinata* A Wells, 1985 : AU (Australia)

*Orthotrichia exiqua* A Wells, 1979 : AU (Australia)

*Orthotrichia extensa* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006,

Male redescribed near *Orthotrichia curvata* G Ulmer from Nepal by H Malicky & P Chantaramongkol, 2007, *Linzer biol Beitr* 39(2): 1040, pl 28 India)  
*Orthotrichia fimbriata* A Wells, 1991 : AU (mtDNA COI sequence variation reported by PJ Smith, SM McVeagh, & KJ Collier, 2006, *New Zealand Journal of Marine and Freshwater Research* 40(1): 141-148 Papua New Guinea)  
*Orthotrichia flabella* A Wells, 1983 : AU (Australia)  
*Orthotrichia fontinalis* A Wells, 1990 : AU (Australia)  
*Orthotrichia fortificata* W Mey, 1998 : OL (Philippines)  
*Orthotrichia fragilis* A Wells, 1984 : AU (Indonesia (Irian Jaya))  
*Orthotrichia furcata* A Wells, 1990 : AU (Australia)  
*Orthotrichia garbunga* A Wells, 1990 : OL (Male described originally, in the *Orthotrichia kokodana* Group Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Fog 11, BMNH Plot A, 10-iii-1985; deposited in The Natural History Museum, London, United Kingdom Indonesia (Sulawesi))  
*Orthotrichia glebula* A Wells, 1984 : AU (New Guinea)  
*Orthotrichia gracilis* A Wells, 1979 : AU (Australia)  
*Orthotrichia gressitti* A Wells, 1991 : AU (Papua New Guinea)  
*Orthotrichia guinkoi* W Guenda, 1996 : AT (Burkina Faso)  
*Orthotrichia guruluhela* (F Schmid, 1958) : OL (Sri Lanka)  
*Baliotrichia guruluhela* F Schmid, 1958  
*Orthotrichia hinipitigola* (F Schmid, 1958) : OL (Sri Lanka)  
*Baliotrichia hinipitigola* F Schmid, 1958  
*Orthotrichia hippomenes* H Malicky, 2004 : OL (Male described originally)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: Budhi Khola, 26-ii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)  
*Orthotrichia huaihuat* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Huai Huat National Park, 16°55'N, 104°11'E, 400 m, 19-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Orthotrichia hydroptiloides* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Orthotrichia ifugao* A Wells & W Mey, 2002 : OL (Philippines)  
*Orthotrichia indica* AV Martynov, 1935 : OL (Reported from India, Myanmar, Sri Lanka, Vietnam, Indonesia (Java, Sumatra), and Thailand by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1042

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Myanmar)  
*Orthotrichia inornata* A Wells, 1979 : AU (Australia)  
*Orthotrichia instabilis* DG Denning, 1948 : NA (United States of America)  
*Orthotrichia iriga* A Wells & W Mey, 2002 : OL (Philippines)  
*Orthotrichia jani* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))  
*Orthotrichia jembatana* A Wells, 1990 : OL (Male described originally, near *Orthotrichia menarika* A Wells and *Orthotrichia ditenga* A Wells Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Site 6, 10-ii-1985, light trap, JD Holloway; deposited in The Natural History Museum, London, United Kingdom Indonesia (Sulawesi))  
*Orthotrichia kabaenica* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))  
*Orthotrichia kaitica* A Wells, 1991 : AU (Papua New Guinea)  
*Orthotrichia kalengiensis* B Statzner, 1977 : AT (Democratic Republic of the Congo)  
*Orthotrichia kholoensis* A Wells, 1979 : AU (Australia)  
*Orthotrichia kinabalu* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 1410 m, 13-iv-1999, leg I Sivec; deposited in the collection of H Malicky, Lunz am See, Austria Malaysia (Sabah))  
*Orthotrichia kivuensis* S Jacquemart, 1956 : AT (Rwanda-Zaire)  
*Orthotrichia kokodana* DE Kimmins, 1962 : AU (Papua)  
*Orthotrichia krungut* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia lalonduwasi* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))  
*Orthotrichia lanna* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group near *Orthotrichia extensa* AV Martynov, *Orthotrichia udawarama* F Schmid, *Orthotrichia curvata* G Ulmer, and *Orthotrichia luonga* J Olah Holotype--Male; THAILAND: Chiang Dao WRS [= Wildlife Sanctuary?], 19°22'N, 98°55'E, 500 m, 10-14-vi-2003, leg Sivec & Horvat; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Orthotrichia latiramifera* L Zhou & LF Yang, 2010 : OL (Male described originally in the *Orthotrichia costalis* Group near *Orthotrichia tombak* A Wells & H Malicky and *Orthotrichia sibuyan* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Jiu Lian Shan National Nature Reserve, unnamed tributary of Xia-Gong-Tang Stream (24°32'05"N, 114°28'08"E), elev 630 m, 07-vi-2005, Coll Zhou Xin & Sun Chang-Hai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))  
*Orthotrichia lebar* A Wells & J Huisman, 1993 : OL (Malaysia (Sarawak))  
*Orthotrichia lentigo* A Wells, 1984 : AU (New Guinea)  
*Orthotrichia litoralis* (G Ulmer, 1951) : OL (Known from Indonesia (Bali, Java, Sumatra), Sri Lanka, New Guinea, Vietnam, Nepal, and Thailand according to H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(1): 1033

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Bali))

*Baliotrichia litoralis* G Ulmer, 1951

Syn.: *Orthotrichia kasyi* P Chantaramongkol & H Malicky, 1986

Syn.: *Orthotrichia veikaba* A Wells, 1991

*Orthotrichia litoris* W Mey, 2006 : OL (Male described originally near *Orthotrichia berbaring* A Wells & H Malicky Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-15-x-2005, leg W Mey; pinned, genitalia slide Mey 14/06; deposited in the Museum fuer Naturkunde, Berlin, Germany Indonesia (Sulawesi))

*Orthotrichia litotes* A Wells, 1984 : AU (New Guinea)

*Orthotrichia lobophorana* W Mey, 2003 : OL (Male described originally near *Orthotrichia fortificata* W Mey and *Orthotrichia luzofortificata* W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to the Agos River, in the daytime, leg W Mey; genitalia slide Mey 22/02; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Orthotrichia luonga* J Olah, 1989 : OL (Male redescribed in the *Orthotrichia maeandrica* Group near *Orthotrichia lanna* H Malicky & P Chantaramongkol, *Orthotrichia extensa* AV Martynov, *Orthotrichia udawarama* F Schmid, and *Orthotrichia curvata* G Ulmer by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(2): 1040, pl 28

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Orthotrichia luzofortificata* W Mey, 2003 : OL (Male described originally near *Orthotrichia fortificata* W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, Agos River, at light, leg W Mey, V Samarita, & W Speidel; genitalia slide Mey 2/03; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Orthotrichia mackayi* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia maeandrica* (G Ulmer, 1951) : OL (Nominotypical species of the *Orthotrichia maeandrica* Group, known from Indonesia (Java, Sumatra), Thailand, Vietnam, and Malaysia (Pahang) according to H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(1): 1038

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Javanotrichia maeandrica* G Ulmer, 1951

*Orthotrichia marsyas* H Malicky, 2004 : OL (Male described originally

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: westlicher Bach beim Lager 2, 10-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Orthotrichia medipitigola* (F Schmid, 1958) : OL (Sri Lanka)

*Baliootrichia medipitigola* F Schmid, 1958

*Orthotrichia melitta* H Malicky, 1976 (Greece (Lesbos))

*Orthotrichia menarika* A Wells, 1990 : OL (Male and female described originally, near *Orthotrichia jembatana* A Wells and *Orthotrichia ditenga* A Wells

Reported from Lake Matano, Sulawesi, Indonesia by W Mey, 2006, *Beitr Entomol, Keltern* 56(1): 204 Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Tumpah R and tributary junction, 19-v-1985, MV light, Wells, Wilson, Tan; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Orthotrichia mencenga* A Wells, 1990 : OL (Male described originally, in the *Orthotrichia kokodana* Group Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Site 6, 10-ii-1985, light trap, JD Holloway; deposited in The Natural History Museum, London, United Kingdom Indonesia (Sulawesi))

*Orthotrichia menjonkok* A Wells & H Malicky, 1997 : OL (Reported also from Thailand by H Malicky & P Chantaramongkol, 2007, *Linzer biol Beitr* 39(2): 1041

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra)*

*Orthotrichia minalwang* A Wells & W Mey, 2002 : OL (Philippines)

*Orthotrichia momanga* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam*)

*Orthotrichia morula* A Wells, 1979 : AU (Australia)

*Orthotrichia moselyi* B Tjeder, 1946 (Reported from Yemen by H Malicky, 1999, *Esperiana* 7: 343-348

Israel)

*Orthotrichia muscari* A Wells, 1983 : AU (Australia)

*Orthotrichia mussoi* W Guenda, 1996 : AT (Burkina Faso)

*Orthotrichia namnao* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group near *Orthotrichia parthenos* H Malicky & P Chantaramongkol and *Orthotrichia maeandrica* G Ulmer Holotype--Male; THAILAND: Nam Nao National Park, 16°38'N, 101°35'E, 800 m, 16-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia nessos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tinggi Raja, 03°09'N, 098°48'E, 300 m, 19-20-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)*

*Orthotrichia newi* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Orthotrichia nigrovillosa* A Wells & T Andersen, 1995 : AT (Tanzania)

*Orthotrichia nontaburi* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally with unknown relationships Holotype--Male; THAILAND: Fluss Chaopraya bei Nontaburi, 2-iv-1989, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia nova* G Marlier, 1978 : AT (Mali)

*Orthotrichia obscura* DE Kimmins, 1962 : AU (Papua)

*Orthotrichia obtecta* A Wells & D Dudgeon, 1990 : OL (China (HongKong))

*Orthotrichia ops* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Aceh, Kruet Selatan National Park, 02°59'N, 097°23'E, 0 m, 6-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)*

*Orthotrichia orbostensis* A Wells, 1979 : AU (Australia)

*Orthotrichia palikos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group Holotype--Male; THAILAND: Doi Inthanon National Park, Mae Klang bei Ban Sob Aeb, 18°32'N, 098°32'E, 540 m, 11-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia paranga* A Wells, 1979 : AU (Australia)

*Orthotrichia parthenopaios* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Pitsanulok Prov, Phu Hin Rongkla National Park, Huai Kamunnoi Waterfall, 16°59'N, 101°00'E, 10-11-iv-2003, leg Nattaporn Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia parthenos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group Holotype--Male; THAILAND: Sai Yok National Park, 14°26'N, 098°51'E, 100 m, 17-iv-2001, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia pectinella* A Wells, 1983 : AU (Australia)

*Orthotrichia pethesileia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; THAILAND: Kao Soi Dao National Park, 13°06'N, 102°12'E, 300-400 m, 22-23-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia persephone* H Malicky, 2008 : OL (Male described originally in the *Orthotrichia litoralis* Group and especially *Orthotrichia thanatos* H Malicky & P Chantaramongkol or *Orthotrichia thanatos* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 05-viii-2000, B0521PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Orthotrichia petiti* S Jacquemart, 1962 : AT (Democratic Republic of the Congo)

*Orthotrichia polyhymnia* H Malicky, 2008 : OL (Male described originally in the *Orthotrichia litoralis* Group with characteristics of the *Orthotrichia maeandrica* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 03-viii-2000, B1011PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Orthotrichia polyxena* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; THAILAND: ob Ton Nga Chang Waterfall, 06°58'N, 100°12'E, 600 m, 4-5-v-1993, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia prevoti* W Guenda, 1996 : AT (Burkina Faso)

*Orthotrichia priapos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; THAILAND: Tung Salaeng National Park, 16°49'N, 100°57'E, 600 m, 15-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia putoei* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Putoei National Park, headquarters, 14°57'N, 099°28'E, 250 m, 14-iv-2001, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia ranauana* (G Ulmer, 1951) : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 797, pl 1

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Orthotrichiella ranauana* G Ulmer, 1951

*Orthotrichia rentzi* A Wells, 2010 : AU (Male described originally near *Orthotrichia morula* A Wells and *Orthotrichia alveata* A Wells Holotype--Male; AUSTRALIA: North Queensland, 17°05'S, 145°35'E, Mt Haig, 22 km NE by N of Atherton, 16-iii-1988, DCP Rentz; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Orthotrichia rostrata* A Wells, 1979 : AU (Australia)

*Orthotrichia runching* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Orthotrichia sabazios* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; BHUTAN: Punaka, Dungkar Rongchhu,

27\*39'N, 089\*46'E, 1370 m, 24-iv-2006, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria (Bhutan)

*Orthotrichia sanya* ME Mosely, 1948 : AT (Malawi- Mocambique-Tanzania)

*Orthotrichia scutata* A Wells, 1979 : AU (Australia)

*Orthotrichia scutellata* A Wells & T Andersen, 1995 : AT (Tanzania)

*Orthotrichia serrata* A Wells, 1990 : AU (Australia)

*Orthotrichia shawkah* H Malicky & P Chantaramongkol, 2007 (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; UNITED ARAB EMIRATES: Wadi Wurayah, 14-xi--4-xii-2006, leg A van Harten; deposited in the collection of H Malicky, Lunz am See, Austria United Arab Emirates)

*Orthotrichia shimigaya* SC Harris & LJ Davenport, 1999 : NT (Peru)

*Orthotrichia sibuyan* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group)

Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 10, 15 Holotype--Male; PHILIPPINES: Sibuyan, Prov Romblon, Magdiwang, 25-30-vii-1986, leg Roland Mueller; deposited in the collection of H Malicky, Lunz am See, Austria (Philippines (Sibuyan))

*Orthotrichia sinit* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Orthotrichia specana* A Wells, 2005 : AU (Australia (Queensland))

*Orthotrichia spinicauda* DE Kimmins, 1958 : AT (Zimbabwe)

*Orthotrichia spiralina* B Statzner, 1977 : AT (Democratic Republic of the Congo)

*Orthotrichia stipa* A Wells, 1979 : AU (Australia)

*Orthotrichia straeleni* S Jacquemart, 1956 : AT (Rwanda-Zaire)

*Orthotrichia styx* H Malicky, 2008 : OL (Male described originally in the *Orthotrichia polyxena* Group near *Orthotrichia vertumnus* H Malicky & P Chantaramongkol and *Orthotrichia mania* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 14-vi-2000, B0420PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland (Indonesia (Kalimantan))

*Orthotrichia submontana* W Mey, 1995 : OL (Philippines)

*Orthotrichia subrhombica* L Zhou & JC Morse, 2010 : OL (Male described originally near *Orthotrichia vertumnus* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Jiu Lian Shan National Nature Reserve, Da-Qiu-Tian, 8.2 km northwest of Da-Qiu-Tian (24\*34'15"N, 114\*25'50"E), elev 425 m, 10-vi-2005, Coll Zhou Xin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China (Jiangxi))

*Orthotrichia suchiara* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 28 Vietnam)

*Orthotrichia suteri* A Wells, 1979 : AU (Australia)

*Orthotrichia talea* A Wells, 1984 : AU (New Guinea)

*Orthotrichia taleban* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Kao Soi Dao National Park, 13\*06'N, 102\*10'E, 400 m, 23-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria (Thailand))

*Orthotrichia talumalaus* H Malicky & P Chantaramongkol, 2007 : AU (Male described originally with unknown relationships)

Listed from Papua New Guinea (Bismarck Archipelago, Mussau Island) by H Malicky, 2010, *Z Arb Gem Oesterr Ent* 62: 88 Holotype--Male; PAPUA NEW GUINEA: Bismarck Archipelago, Mussau Island, Talumalaus, 23-i-1962, Noona Dan Expedition; deposited in the collection of the Zoological Museum, Copenhagen, Denmark (Papua New Guinea (Bismarck Archipelago, Mussau Island))

*Orthotrichia terpsichore* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group)

Re-illustrated, reported from China (Jiangxi) by L Zhou, LF Yang, & JC Morse, 2010, *Zootaxa* 2560: 34, f 17-22 Holotype--Male; THAILAND: Nakhon Si Thammarat, Namtok Yong National Park, Pliew Waterfall, 08\*29'N, 099\*45'E, 110 m, 6-iv-2005, leg Taeng-on Prommi; deposited in

the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia thaleia* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; VIETNAM: Nam Cat Tien, 11°26'N, 107°26'E, 200 m, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Orthotrichia thanatos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Doi Inthanon National Park, Siribhum Waterfall, 1300 m, 18°32'N, 098°31'E, 22-ii-1992, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia thaumas* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Tramot, 07°15'N, 100°02'E, 100 m, 29-iv-1993, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia theia* H Malicky, 2008 : OL (Male described originally in the *Orthotrichia litoralis* Group near *Orthotrichia polyhymnia* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 01-vii-2000, B0211PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Orthotrichia thersites* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group Holotype--Male; THAILAND: Kao Soi Dao National Park, 13°06'N, 102°10'E, 400 m, 22-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia thistletoni* A Wells, 1991 : AU (Papua New Guinea)

*Orthotrichia thyone* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Prov Loei, Ban Phangam, Piangtin Waterfall, 17°04'N, 101°45'E, 700 m, 8-v-2001, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia tinggi* A Wells & J Huisman, 2001 : OL (Indonesia (Sulawesi))

*Orthotrichia tombak* A Wells & H Malicky, 1997 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Orthotrichia tomentosa* A Wells, 1990 : AU (Australia)

*Orthotrichia tonjolana* A Wells, 1990 : OL (Male described originally, near *Orthotrichia muscari* A Wells, in the *Orthotrichia aberrans* Group Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Fog 19, BMNH Plot A, 30-ix-1985; deposited in The Natural History Museum, London, United Kingdom Indonesia (Sulawesi))

*Orthotrichia tortuosa* A Wells, 1979 : AU (Australia)

*Orthotrichia tragetti* ME Mosely, 1930 : PA (Reported from China (Hubei) by S Wang, 1963, Acta Hydrobiologica Sinica 3: 59, 64

Widespread in Far East Russia according to TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 99-100

Reported from Poland by E Serafin, 2003, Polskie Pismo Entomologiczne 72(4): 319-321

Reported from Germany (Bavaria) by A Weinzierl, M Hess, & U Heckes, 2005, Lauterbornia 54: 45-52

Reported from Germany by M Hohman, 2005, Lauterbornia 54: 103-114

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Japan (Nagoya) by T Nozaki, 2010, Nature of Irrigation Pond 49: 22 Britain)

*Orthotrichia triacantha* W Mey, 2003 : OL (Male described originally near *Orthotrichia egena* W Mey Holotype--Male; PHILIPPINES: Luzon, Laguna, Pangil, 11-iv-1997, at light leg W Mey; genitalia slide Mey 1/03; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Orthotrichia trilineata* S Jacquemart, 1963 : AT (Republic of South Africa)  
*Orthotrichia trispinata* A Wells, 2005 : AU (Australia (Queensland))  
*Orthotrichia triton* H Malicky, 2008 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 14-vi-2000, B0420PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Orthotrichia tumoris* A Wells, 1984 : AU (New Guinea)  
*Orthotrichia tunjakkana* A Wells, 1990 : OL (Male, female, larva, pupa, case described originally, in the *Orthotrichia kokodana* Group Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Site 6, 10-ii-1985, light trap, JD Holloway; deposited in The Natural History Museum, London, United Kingdom Indonesia (Sulawesi))  
*Orthotrichia turrita* A Wells, 1979 : AU (Australia)  
*Orthotrichia tyche* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group near *Orthotrichia litoralis* G Ulmer

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tinggi Raja, 03°09'N, 098°48'E, 300 m, 19-20-iv-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Indonesia (Sumatra)

*Orthotrichia tyleri* A Wells, 1979 : AU (Australia)

*Orthotrichia typhoeus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia litoralis* Group Holotype--Male; THAILAND: Nam Mae Sa beim Sirikit BotanischenGarten, 12 km W Mae Rim, 18°54'N, 098°52'E, 700 m, 25-xii-1997, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia tyro* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; THAILAND: Tung Salaeng National Park, 16°49'N, 100°57'E, 600 m, 15-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia udawarama* (F Schmid, 1958) : OL (Male redescribed in the *Orthotrichia maeandrica* Group near *Orthotrichia lanna* H Malicky & P Chantaramongkol, *Orthotrichia extensa* AV Martynov, *Orthotrichia curvata* G Ulmer, and *Orthotrichia luonga* J Olah from Sri Lanka by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1040, pl 28 Sri Lanka)

*Baliotrichia udawarama* F Schmid, 1958

*Orthotrichia urania* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 18°46'N, 099°28'E, 500 m, 25-26-v-2005, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Orthotrichia urimica* A Wells, 1984 : AU (Papua New Guinea)

*Orthotrichia velata* A Wells, 1983 : AU (Australia)

*Orthotrichia verbekei* S Jacquemart, 1957 : AT (Uganda-Zaire)

*Orthotrichia vertumnus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia polyxena* Group near *Ochrotrichia triacantha* W Mey and *Orthotrichia marsyas* H Malicky Holotype--Male; VIETNAM: Nam Cat Tien National Park, 11°26'N, 107°26'E, 200 m, 17-25-vi-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Vietnam)

*Orthotrichia wellsae* YG Xue & LF Yang, 1990 : OL (Male described originally

Reported from China (Guangxi), Malaysia (Perak), and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer Biol Beitr 39(1): 1037 Holotype--Male; CHINA: Guangxi, Longsheng (320 m), 20-IX-1988, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Orthotrichia yabbaca* A Wells, 1983 : AU (Australia)

*Orthotrichia yaowachon* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally in the *Orthotrichia maeandrica* Group near *Orthotrichia namnao* H Malicky & P Chantaramongkol and *Orthotrichia parthenos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Kao Yai National Park, Yaowachon campsite bei Kong Kaeo Waterfall, 680 m, 28-30-ix-1994, leg P Schwendinger; deposited in the collection of H Malicky, Lunz am See,



Austria Thailand)

*Orthotrichia zonata* (A Neboiss, 1977) : AU (Holotype--Male; Australia: Tasmania, St Patricks River, Targa, 22 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 54-55) Australia (Tasmania))

*Targatrichia zonata* A Neboiss, 1977

*Osfintia* AR Calor & RW Holzenthal, 2008

*Osfintia manu* AR Calor & RW Holzenthal, 2008 : NT (type species: *Osfintia manu* AR Calor & RW Holzenthal (original designation) Peru)

*Oxyethira* AE Eaton, 1873

subgenus *Argyrobothrus* KH Barnard, 1934

*Oxyethira* (*Argyrobothrus*) *flagellata* S Jacquemart, 1963 : AT (ReunionIsland)

*Oxyethira* (*Argyrobothrus*) *glasa* (HH Ross, 1941) : NA (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 43 United States of America)

*Loxotrichia glasa* HH Ross, 1941

*Oxyethira* (*Argyrobothrus*) *roberti* PP Harper & D Roy, 1980 : NA (Canada)

Syn.: *Oxyethira leonensis* RW Kelley, 1981

*Oxyethira* (*Argyrobothrus*) *velocipes* (KH Barnard, 1934) : AT (Republic of South Africa)

*Argyrobothrus velocipes* KH Barnard, 1934

*Oxyethira* (*Argyrobothrus*) *zeronia* HH Ross, 1941 : NA (United States of America)

Syn.: *Oxyethira walteri* DG Denning, 1947

subgenus *Dactylotrichia* RW Kelley, 1984

*Oxyethira* (*Dactylotrichia*) *acegua* EB Angrisano, 1995 : NT (Uruguay)

*Oxyethira* (*Dactylotrichia*) *arctodactyla* RW Kelley, 1983 : NT (Venezuela)

*Oxyethira* (*Dactylotrichia*) *baritu* EB Angrisano, 1995 : NT (Argentina)

*Oxyethira* (*Dactylotrichia*) *costaricensis* RW Kelley, 1983 : NT (Costa Rica)

*Oxyethira* (*Dactylotrichia*) *dactylonedys* RW Kelley, 1983 : NT (Paraguay)

*Oxyethira* (*Dactylotrichia*) *hozosa* SC Harris & LJ Davenport, 1999 : NT (Peru)

*Oxyethira* (*Dactylotrichia*) *kingi* RW Holzenthal & RW Kelley, 1983 : NA (United States of America)

*Oxyethira* (*Dactylotrichia*) *matadero* PP Harper & P Turcotte, 1985 : NT (Ecuador)

*Oxyethira* (*Dactylotrichia*) *misionensis* EB Angrisano, 1995 : NT (Argentina)

*Oxyethira* (*Dactylotrichia*) *santiagensis* OS Flint, 1982 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, Zootaxa 2169: 37 Argentina)

*Oxyethira* (*Dactylotrichia*) *scaedactyla* RW Kelley, 1983 : NT (Ecuador)

subgenus *Dampfitrichia* ME Mosely, 1937

*Oxyethira* (*Dampfitrichia*) *aculea* HH Ross, 1941 : NA (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 United States of America)

*Oxyethira* (*Dampfitrichia*) *alaluz* L Botosaneanu, 1980 : NT (Cuba)

*Oxyethira* (*Dampfitrichia*) *arizona* HH Ross, 1948 : NA, NT (Larva described with new plant host and new record for California by JB Keiper & WE Walton, 1999, Pan-Pacific Entomol 75(4): 212-220

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 44

Mean frequency, maximum percent composition, percent of streams inhabited, and mean

percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, *Southwestern Naturalist* 51(3): 326-337

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 43 United States of America)

*Oxyethira (Dampftrichia) artuvillosa* (A Wells, 1981) : AU (Australia)

*Stenoxyethira artuvillosa* A Wells, 1981

*Oxyethira (Dampftrichia) campesina* L Botosaneanu, 1977 : NT (Cuba)

*Oxyethira (Dampftrichia) circaverna* RW Kelley, 1983 : NT (Listed from Argentina, Brazil, Curacao, Ecuador, Panama, and Uruguay by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 42 Panama)

*Oxyethira (Dampftrichia) cirrifera* OS Flint, 1964 : NA, NT (Male and female described originally)

Synonymized with *Oxyethira arizona* HH Ross by RW Kelley & JC Morse, 1982, *Proceedings ent Soc Wash* 84(2): 258

Treated as a valid species by L Botosaneanu & EJ Hyslop, 1998, *Bull de l'Inst R des Sci Natur de Belgique, Entomol* 68: 16

Known from Puerto Rico, Haiti, Dominican Republic (El Seibo, Hato Mayor, Independencia, La Altigracia, La Romana, Monte Cristi, Pedernales) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 43 Puerto Rico)

*Oxyethira (Dampftrichia) discaelata* RW Kelley, 1983 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Brazil)

*Oxyethira (Dampftrichia) florida* DG Denning, 1947 : NA (United States of America)

*Oxyethira (Dampftrichia) garifosa* SR Moulton & SC Harris, 1997 : NA (Male described originally in the *Oxyethira (Dampftrichia) pallida* Group near *Oxyethira (Dampftrichia) arizona* Ross and *Oxyethira (Dampftrichia) verna* Ross Holotype--Male; MEXICO: Tamaulipas, Municipio de Ciudad Victoria, Arroyo los Troncones, Ejido La Libertad, ca 10 km NW Victoria, 14 May 1989, S Harris, A Contreras, and A Moreno; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Tamaulipas))

*Oxyethira (Dampftrichia) ikal* A Wells & J Huisman, 1992 : OL (Malaysia (Peninsular))

*Oxyethira (Dampftrichia) incana* G Ulmer, 1906 : AU, OL (Male and female redescribed from Sulawesi Utara by A Wells, 1990, *Invertebr Taxon* 3(4): 392, f 66-68, 107

Reported from Indonesia (Java, Sulawesi, Sumatra), Myanmar, New Guinea, Australia, Sri Lanka, and Thailand by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1029

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Java))

Syn.: *Gnathotrichia australiensis* A Wells, 1981

Syn.: *Gnathotrichia isabellina* G Ulmer, 1951

Syn.: *Oxyethira galekoluma* F Schmid, 1958

Syn.: *Stenoxyethira excisa* DE Kimmins, 1951

*Oxyethira (Dampftrichia) lagunita* OS Flint, 1982 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Argentina)

*Oxyethira (Dampftrichia) longispinosa* K Kumanski, 1987 : NT (Cuba)

*Oxyethira (Dampftrichia) maya* DG Denning, 1947 : NA (

New records reported from Hawaii and Panama by OS Flint, RA Englund, & B Kumashiro, 2003, *Bishop Mus Occas Papers* 73: 34-35

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Oxyethira (Dampftrichia) minima* (DE Kimmins, 1951) : OL (Myanmar)

*Stenoxyethira minima* DE Kimmins, 1951

*Oxyethira (Dampftrichia) mirebalina* L Botosaneanu, 1991 : NT (Male and female described originally)

Known from Haiti and Dominican Republic (Duarte, La Vega, Monte Plata) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 41

Female allotype is actually *Oxyethira simulatrix* OS Flint, 1968 (OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 44) Haiti)

*Oxyethira (Dampftrichia) moco*i EB Angrisano, 1995 : NT (Argentina)

*Oxyethira (Dampftrichia) pallida* (N Banks, 1904) : NA (

Algal preferences, suitability, effects of survival & development by JB Keiper, DA Casamatta, & BA Foote, 1998, *Hydrobiologia* 380: 87-91

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

*Orthotrichia pallida* N Banks, 1904

Syn.: *Oxyethira cibola* DG Denning, 1948

Syn.: *Oxyethira viminalis* KJ Morton, 1905

*Oxyethira (Dampftrichia) paludicola* A Wells & CM Yule, 2008 : OL (Male described originally in the subgenus *Dampftrichia* near *Oxyethira artuvillosa* (A Wells) and *Oxyethira plumosa* (A Wells);

Considered near *Oxyethira acuta* M Kobayashi, reported from Indonesia (Sumatra) by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1029

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Holotype--Male; MALAYSIA: Peninsular Malaysia, Selangor, Peat Swamp Forest, 03°39'06.3"N, 101°15'12.2"E, irrigation drain, 30 Nov 2005, C Yule; deposited in the Raffles Museum of Biodiversity Research, The National University of Singapore, Singapor, Malaysia Malaysia (Peninsular))

*Oxyethira (Dampftrichia) peruviana* SC Harris & LJ Davenport, 1999 : NT (Listed from Brazil and Peru by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 43 Peru)

*Oxyethira (Dampftrichia) plumosa* (A Wells, 1981) : AU (Australia)

*Stenoxyethira plumosa* A Wells, 1981

*Oxyethira (Dampftrichia) poapi* EB Angrisano & JV Sganga, 2009 : NT (Male described originally near *Oxyethira spissa* RW Kelley and *Oxyethira brasiliensis* RW Kelley Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, 8-14-i-2006, Angrisano & Bravo leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Oxyethira (Dampftrichia) rachanee* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Oxyethira (Dampftrichia) simulatrix* OS Flint, 1968 : NT (Male and female described originally

Female allotype of *Oxyethira mirebalina* L Botosaneanu is actually this species, Cuban females of *Orthotrichia* sp recorded by K Kumanski, 1987, *Acta Zool Bulgarica* 34: 32 are actually this species, known distribution in Greater Antilles (except not yet Puerto Rico), Costa Rica, Mexico, Panama, Haiti, and Dominican Republic (Distrito Nacional, Independencia, La Altagracia, La Vega, Monte Cristi, Monte Plata, Puerto Plata) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 44-45

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 44 Jamaica)

Syn.: *Oxyethira simulatrix cubana* K Kumanski, 1987

*Oxyethira (Dampftrichia) smolpela* A Wells, 1991 : AU (Papua New Guinea)

*Oxyethira (Dampftrichia) spissa* RW Kelley, 1983 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 37 Brazil)

*Oxyethira (Dampftrichia) tega* OS Flint, 1968 : NT (Male and female described originally

Known from Cuba, Jamaica, Dominica, Haiti (female from Departement du Sud misidentified as

*Oxyethira simulatrix cubana* by L Botosaneanu, 1991, Bull de l'Inst R des Sci Natur de Belgique, Entomol 61: 130, f 52), and the Dominican Republic (La Vega, Elias Pina) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 45 Jamaica)  
*Oxyethira (Dampftrichia) tega antillularum* L Botosaneanu, 1994 (~tega OS Flint, 1968, Bull Inst Jamaica (Sci Ser) no 19: 44, figs

Originally described in the subgenus "Dampftrichia")

*Oxyethira (Dampftrichia) toubia* FM Gibon, 1988 : AT (Ivory Coast)

*Oxyethira (Dampftrichia) ulmeri* ME Mosely, 1937 : NA, NT (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Chiapas))

*Oxyethira (Dampftrichia) verna* HH Ross, 1938 : NA (United States of America)

*Oxyethira (Dampftrichia) warramunga* A Wells, 1985 : AU (Australia)

subgenus *Holarctotrichia* RW Kelley, 1984

*Oxyethira (Holarctotrichia) araya* HH Ross, 1941 : NA (Canada)

*Oxyethira (Holarctotrichia) archaica* H Malicky, 1975 (Portugal)

*Oxyethira (Holarctotrichia) chrysocara* SC Harris, 2002 : NA (Male described originally

Holotype--Male; United States of America: Florida, Clay County, Gold Head Branch near old mill crossing, 29°49'56"N, 81°56'45"W, 1 May 1998, A Rasmussen; deposited in the US National Museum of Natural History, Washington, District of Columbia, United States of America United States of America (Florida))

*Oxyethira (Holarctotrichia) distinctella* R McLachlan, 1880 (Recorded for Denmark by P Wiberg-Larsen, 1985, Entomol Meddr 53: 41

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhøy, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Recorded for Russia (Far East) by TI Arefina & BJ Armitage, 2003, Braueria 30: 17 Finland)

*Oxyethira (Holarctotrichia) dunbartonensis* RW Kelley, 1981 : NA (United States of America)

*Oxyethira (Holarctotrichia) elerobi* (RL Blickle, 1961) : NA (United States of America)

*Neotrichia elerobi* RL Blickle, 1961

*Oxyethira (Holarctotrichia) forcipata* ME Mosely, 1934 : NA (United States of America)

*Oxyethira (Holarctotrichia) itascae* MP Monson & RW Holzenthal, 1993 : NA (More abundant than previously thought in Minnesota by DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 United States of America)

*Oxyethira (Holarctotrichia) kelleyi* SC Harris, 1987 : NA (United States of America)

*Oxyethira (Holarctotrichia) michiganensis* ME Mosely, 1934 : NA (United States of America)

Syn.: *Oxyethira sodalis* HH Ross & GJ Spencer, 1952

*Oxyethira (Holarctotrichia) obtatus* DG Denning, 1947 : NA (United States of America)

*Oxyethira (Holarctotrichia) sagittifera* F Ris, 1897 (Switzerland)

*Oxyethira (Holarctotrichia) serrata* HH Ross, 1938 : NA (United States of America)

subgenus *Kelleyella* H Oezdikmen, 2007

*Oxyethira (Kelleyella) albaeaguae* L Botosaneanu, 1995 : NT (Male and female described originally

Distribution in Dominican Republic (La Vega) provided and species transferred from subgenus *Dampftrichia* ME Mosely to subgenus *Mesotrichia* RW Kelley by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 41 Dominican Republic)

*Oxyethira (Kelleyella) geminata* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Oxyethira jamaicensis* OS Flint and *Oxyethira albaeaguae* L Botosaneanu, from the Dominican Republic (La Vega, Peravia) and Haiti (Departement de l'Oueste) Holotype--Male; DOMINICAN REPUBLIC: La Vega Province, 11.5 km S of Constanza (1 km N El

Convento), 18°51.7'N, 70°41.0'W, 1410 m, 27 March 1999, WN Mathis; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Oxyethira (Kelleyella) jamaicensis* OS Flint, 1968 : NT (Jamaica)

*Oxyethira (Kelleyella) ortizorum* L Botosaneanu, 1995 : NT (Male described originally)

Distribution in Dominican Republic (La Vega, Barahona, Elias Pina) and transfer from subgenus *Dampftrichia* to subgenus *Mesotrachia* RW Kelley provided by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 41-42 Dominican Republic)

*Oxyethira (Kelleyella) scopulina* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Oxyethira ortizorum* L Botosaneanu, from the Dominican Republic (Peravia, La Vega) Holotype--Male; DOMINICAN REPUBLIC: Peravia Province, 3 km SW La Nuez, upper Rio Las Cuevas, 18°40'N, 70°36'W, 1850 m, 5-6 August 1990, Rawlins & Thompson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

subgenus *Loxotrachia* ME Mosely, 1937

*Oxyethira (Loxotrachia) azteca* (ME Mosely, 1937) : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 43 Mexico (Chiapas))

*Loxotrachia azteca* ME Mosely, 1937

*Oxyethira (Loxotrachia) copina* EB Angrisano, 1995 : NT (Argentina)

*Oxyethira (Loxotrachia) dalmeria* (ME Mosely, 1937) : NT (Mexico (Chiapas))

*Loxotrachia dalmeria* ME Mosely, 1937

*Oxyethira (Loxotrachia) janella* DG Denning, 1948 : NA, NT (Male described originally)

Known from all major islands of Greater Antilles including both Haiti and Dominican Republic (Duarte, Independencia, La Vega, Monte Plata, Azua, Barahona, Elias Pina, El Seibo, Hato Mayor, La Altigracia, La Romana, Monte Cristi, Pedernales, Puerto Plata, San Cristobal, San Juan) on Hispaniola according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 43-44

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29 United States of America)

Syn.: *Oxyethira neglecta* OS Flint, 1964

*Oxyethira (Loxotrachia) parazteca* RW Kelley, 1983 : NT (Ecuador)

*Oxyethira (Loxotrachia) parce* (SW Edwards & CR Arnold, 1961) : NA (A synonym of *Oxyethira azteca* according to OS Flint, 1981, *Smiths Contr Zool* 330: 30, figs, but a valid species according to OS Flint & L Reyes, 1991, *P Biol Soc Washington* 104(3): 487-488

Recorded from Venezuela (Margarita) by L Botosaneanu & AL Vilorio, 2002, *Mitt Mus Nat-kd Berl, Dtsch Entomol Z* 49: 107

Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 United States of America)

*Protophila parce* SW Edwards & CR Arnold, 1961

*Oxyethira (Loxotrachia) puertoricensis* OS Flint, 1964 : NT (Male, female, larva, case described originally)

Known from all four major islands of Greater Antilles including Haiti and Dominican Republic (Duarte, Independencia, La Vega, Monte Plata, Pedernales, Azua, Barahona, Elias Pina, El Seibo, La Altigracia, Monsenor Nouel, Puerto Plata, San Cristobal, San Juan) on Hispaniola according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 44 Puerto Rico)

Syn.: *Loxotrachia quelinda* L Botosaneanu, 1977

*Oxyethira (Loxotrachia) ritae* EB Angrisano, 1995 : NT (Uruguay)

*Oxyethira (Loxotrichia) tica* RW Holzenthal & SC Harris, 1992 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 44

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 44

Listed from Mexico to southeastern Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 37, 43 Costa Rica)

*Oxyethira (Loxotrichia) zilaba* (ME Mosely, 1939) : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 37 Brazil)

*Loxotrichia zilaba* ME Mosely, 1939

subgenus *Oxyethira* AE Eaton, 1873

*Oxyethira (Oxyethira) allagashensis* RL Blickle, 1963 : NA (United States of America)

*Oxyethira (Oxyethira) aspera* L Yang & RW Kelley, 1997 : OL (China (Fujian))

*Oxyethira (Oxyethira) bifurcata* L Yang & RW Kelley, 1997 : OL (China (Sichuan))

*Oxyethira (Oxyethira) bogambara* F Schmid, 1958 : OL (Reported from Indonesia (Sulawesi) by W Mey, 2006, *Beitr Entomol, Keltern* 56(1): 203

Male redescribed near *Oxyethira campanula* L Botosaneanu, reported from Sri Lanka, Vietnam, Malaysia (Perak, Sabah), Indonesia (Bali, Sumatra), China, Philippines (Sibuyan), Nepal, New Guinea, Thailand, and Australia (from Pakistan to New Guinea and Australia) by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1029-1030

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27

Reported from Sri Lanka, Nepal to China and Australia, The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 10, 15 Sri Lanka)

Syn.: *Oxyethira hainanensis* L Yang & Y Xue, 1992

Syn.: *Oxyethira paramartha* F Schmid, 1960

*Oxyethira (Oxyethira) campanula* L Botosaneanu, 1970 : OL (Male redescribed near *Oxethira bogambara* F Schmid, reported from Korea, China, Malaysia (Sabah, West), Indonesia (Sulawesi, Sumatra), Philippines (Mindanao, Sumatra), Nepal, Taiwan, Thailand, and Korea by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1030

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Korean People's Democratic Republic)

Syn.: *Oxyethira aspera* L Yang & RW Kelley, 1997

Syn.: *Oxyethira lobophora* W Mey, 1998

Syn.: *Oxyethira paieon* H Malicky, 2004

*Oxyethira (Oxyethira) coercens* KJ Morton, 1905 : NA (United States of America)

*Oxyethira (Oxyethira) cotula* A Wells & D Dudgeon, 1990 : OL (China (HongKong))

*Oxyethira (Oxyethira) datra* J Olah, 1989 : OL (Reported as *Oxyethira josifovi* K Kumanski from Russia (Khabarovsk and Primorye Territories) and Korea by TI Arefina, TS Vshivkova, and JC Morse, 2002, *Proc Internatn Symp Trich* 10: 102

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 27

Reported from Japan by H Malicky & P Chantaramongkol, 2007, *Linzer Biol Beitr* 39(1): 1030 Vietnam)

Syn.: *Oxyethira josifovi* K Kumanski, 1990

*Oxyethira (Oxyethira) delcourti* S Jacquemart, 1973 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38 Rhodes)

*Oxyethira (Oxyethira) ecornuta* KJ Morton, 1893 : NA, PA (Reported from Holarctic Region by TI Arefina, TS Vshivkova, and JC Morse, 2002, *Proc Internatn Symp Trich* 10: 102

Rare in Minnesota according to DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 (Finland)  
*Oxyethira (Oxyethira) falcata* KJ Morton, 1893 : PA (Recorded for Denmark by P Wiberg-Larsen, 1985, Entomol Meddr 53: 41

First record for Finland as *Oxyethira boreella* by Anonymous, 1999, Entomol Fennica 11(1): 1-4

Recorded for Saxony-Anhalt, Germany, by M Hohmann, 1999, Lauterbornia 37: 151-162

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Vietnam, as *Oxyethira galcata* KJ Morton, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 27

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 (Great Britain)

Syn.: *Oxyethira assia* L Botosaneanu & Z Moubayed, 1985

Syn.: *Oxyethira bidentata* O Nybom, 1948

Syn.: *Oxyethira boreella* , 1975

Syn.: *Oxyethira dentata* O Nybom, 1954

Syn.: *Oxyethira rhodani* F Schmid, 1947

*Oxyethira (Oxyethira) flavicornis* (FJ Pictet, 1834) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Altai, Southern Buryatia) (previously reported in Siberia from Central Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 (Switzerland)

*Hydroptila flavicornis* FJ Pictet, 1834

Syn.: *Oxyethira costalis* AE Eaton, 1873

*Oxyethira (Oxyethira) frici* F Klapalek, 1891 (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147 (Czech Republic)

*Oxyethira (Oxyethira) grisea* C Betten, 1934 : NA (United States of America)

*Oxyethira (Oxyethira) harpagella* DE Kimmins, 1951 : OL (India)

*Oxyethira (Oxyethira) harpeodes* L Yang & RW Kelley, 1997 : OL (China (Fujian))

*Oxyethira (Oxyethira) hartigi* GP Moretti, 1981 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Oxyethira (Oxyethira) iglesiasi* MA Gonzalez & LSW Terra, 1982 (Portugal)

*Oxyethira (Oxyethira) josifovi* K Kumanski, 1990 (Male described originally in the *Oxyethira flavicornis* Group near *Oxyethira ecornuta* KJ Morton)

Reported from Japan (Honshu) and Korea by T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255 Holotype--Male; NORTH KOREA:

Province Kangwon, stream and small torrents of the plain near Casan vill, 1-3 km from the sea (ca 25 km E of Vonsan), 6-x-1978, K Kumanski; in alcohol; deposited in the National Natural History Museum, Sofia, Bulgaria Korean People's Democratic Republic)

*Oxyethira (Oxyethira) klingstedti* O Nybom, 1983 (Occurs in Sweden according to B Gullefors, 2001, Entomol Tidskr 122: 188 Holotype--Male; FINLAND: Kuusamo, Posio 4-vii-1979, leg O Nybom; deposited in the collection of the Zoological Museum, Helsinki, Finland Finland)

*Oxyethira (Oxyethira) lumipollex* RW Kelley & SC Harris, 1983 : NA (United States of America)

*Oxyethira (Oxyethira) lumosa* HH Ross, 1948 : NA (Male redescribed by SC Harris & AC Keth, 2002, Entomol News 113(2): 74, f 4A-D United States of America (Florida))

*Oxyethira (Oxyethira) mithi* H Malicky, 1974 (Greece (Crete))

*Oxyethira (Oxyethira) novasota* HH Ross, 1944 : NA (United States of America)

*Oxyethira (Oxyethira) pescadori* SC Harris & AC Keth, 2002 : NA (Male described originally Holotype--Male; USA: Alabama, Henry County, East Fork of Choctawhatchee River at Co Hwy 40, 10-5 km WSW Abbeville, T7N,R27E,S29, 25 May 1989, T Shepard, S McGregor; deposited in the US National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America (Alabama))

*Oxyethira (Oxyethira) ping* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Oxyethira campanula* L Botosaneanu, *Oxyethira bogambara* F Schmid, *Oxyethira ramosa* AV Martynov Holotype--Male; THAILAND: Chiangmai, Mae Ping bei Elephant Camp, 16 km S von Chiang Dao, 6-iii-1987, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Oxyethira (Oxyethira) pirisinui* GP Moretti, 1981 (Endemic to geographic Italy (Sardinia, Capraia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Oxyethira (Oxyethira) pseudofalcata* VD Ivanov, 1992 (Tajikistan)

*Oxyethira (Oxyethira) ramosa* AV Martynov, 1935 : OL (India)

Syn.: *Oxyethira angustella* AV Martynov, 1935

Syn.: *Oxyethira laodameia* H Malicky, 2004

*Oxyethira (Oxyethira) rivicola* RL Blickle & WJ Morse, 1954 : NA (United States of America)

*Oxyethira (Oxyethira) rossi* RL Blickle & WJ Morse, 1957 : NA (United States of America)

Syn.: *Oxyethira bernerii* DA Etnier, 1965

*Oxyethira (Oxyethira) savanniensis* RW Kelley & SC Harris, 1983 : NA (United States of America)

*Oxyethira (Oxyethira) setosa* DG Denning, 1947 : NA (United States of America)

*Oxyethira (Oxyethira) sichuanensis* L Yang & RW Kelley, 1997 : OL (China (Sichuan))

*Oxyethira (Oxyethira) sida* RL Blickle & WJ Morse, 1954 : NA (United States of America)

*Oxyethira (Oxyethira) simplex* F Ris, 1897 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12)



Distribution discussed by F Cianficconi, C Corallini, and F Tucciarelli, 2002, *Biogeographia* 23: 139-155, f 7, 12

Reported from Germany (Bavaria) by A Weinzierl, M Hess, & U Heckes, 2005, *Lauterbornia* 54: 45-52

Switzerland)

*Oxyethira (Oxyethira) spinosella* R McLachlan, 1884 (Spain (Canary Islands))

Syn.: *Oxyethira fischeri*, 1974

Syn.: *Oxyethira gomera* RW Kelley, 1984

*Oxyethira (Oxyethira) tamperensis* H Malicky, 1999 (Finland)

*Oxyethira (Oxyethira) tenuella* AV Martynov, 1924 (Russia (central western))

*Oxyethira (Oxyethira) tiunovae* TI Arefina & BJ Armitage, 2003 (Russia (Far East))

*Oxyethira (Oxyethira) tristella* F Klapalek, 1895 (Recorded for Denmark by P Wiberg-Larsen, 1985, *Entomol Meddr* 53: 42

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Reported from Poland by P Wiberg-Larsen & S Czachorowski, 2002, *Polskie Pismo Entomologiczne* 71(2): 151-153

Reported from Austria by W Graf & G Hutter, 2004, *Vorarlberger Naturschau Forschen und Entdecken* 14: 143-152

Reported from Austria by W Graf, G Hutter, & A Schmidt-Kloiber, 2005, *Lauterbornia* 54: 53-61

In lentic habitat near Potsdam Germany according to W Mey, 2005, *Lauterbornia* 54: 115-122 (Czech Republic)

*Oxyethira (Oxyethira) tropis* L Yang & RW Kelley, 1997 : OL (China (Sichuan))

*Oxyethira (Oxyethira) unidentata* R McLachlan, 1884 (Portugal)

Syn.: *Oxyethira fuentejalona* F Schmid, 1952

Syn.: *Oxyethira meridionalis*, 1962

*Oxyethira (Oxyethira) volsella* L Yang & RW Kelley, 1997 : OL (China (Fujian))

subgenus *Oxytrichia* ME Mosely, 1939

*Oxyethira (Oxytrichia) abacatia* DG Denning, 1947 : NA (Male redescribed by SR Moulton & SC Harris, 1999, *J N Amer Benthol Soc* 18(4): 546-547, f 1A-E United States of America)

*Oxyethira (Oxytrichia) aeola* HH Ross, 1938 : NA (Male redescribed by SR Moulton & SC Harris, 1999, *J N Amer Benthol Soc* 18(4): 547, f 2A-E

Key to species, distribution, & systematics of *Oxyethira aeola* Group provided by SR Moulton & SC Harris, 1999, *J N Amer Benthol Soc* 18(4): 545-552 Canada)

*Oxyethira (Oxytrichia) anabola* RL Blicke, 1966 : NA (Male redescribed by SR Moulton & SC Harris, 1999, *J N Amer Benthol Soc* 18(4): 547-550, f 3A-E United States of America)

*Oxyethira (Oxytrichia) andina* RW Kelley, 1983 : NT (Argentina)

*Oxyethira (Oxytrichia) apinolada* RW Holzenthal & SC Harris, 1992 : NT (Costa Rica)

*Oxyethira (Oxytrichia) bidentata* ME Mosely, 1934 : NT (Argentina)

*Oxyethira (Oxytrichia) culebra* RW Holzenthal & SC Harris, 1992 : NT (Costa Rica)

*Oxyethira (Oxytrichia) desadorna* SR Moulton & SC Harris, 1997 : NA (Male described originally near *Oxyethira unispina* OS Flint

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35 Holotype--Male; MEXICO: Nuevo Leon, Municipio de Santiago, spring along road above Cola de Caballo, 27 May 1991, S Harris and A Contreras; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Nuevo Leon)

*Oxyethira (Oxytrichia) dualis* KJ Morton, 1905 : NA (Male redescribed by SC Harris & AD Huryn, 2000, *Entomol News* 111(2): 78, 83, f 4A-E

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, *Southwestern Naturalist* 51(3): 326-337 United States of America)

Syn.: *Oxyethira allosi* RL Blickle, 1980

*Oxyethira (Oxytrichia) inaequispina* OS Flint, 1990 : NT (Chile)

*Oxyethira (Oxytrichia) longipennis* APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009 : NT (Male described originally near *Oxyethira culebra* RW Holzenthal & SC Harris and *Oxyethira bidentata* ME Mosely Holotype--Male; BRAZIL: Amazonas, Manaus, tributary to Rio Cuieiras, 02°42'25.1"S, 060°22'28.2" W, 19-vii-2004, JL Messimian & L Fidelis, light trap; deposited in Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Oxyethira (Oxytrichia) maryae* RW Kelley, 1983 : NT (Colombia)

*Oxyethira (Oxytrichia) mcgregori* SC Harris & AD Huryn, 2000 : NA (Male described originally near *Oxyethira dualis* KJ Morton Holotype--Male; UNITED STATES OF AMERICA: Alabama, Lauderdale County, Cowpens Creek at Co Hwy 8, 18 June 1983, S Harris; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Oxyethira (Oxytrichia) mirabilis* KJ Morton, 1904 : NA (Diagnostic characters of larva, as *Oxytrichia mirabilis*, provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 191

Male redescribed by SR Moulton & SC Harris, 1999, *J N Amer Benthol Soc* 18(4): 550-551, f 4A-E Scotland)

Syn.: *Oxyethira barnstoni* PP Harper, 1976

*Oxyethira (Oxytrichia) obscura* OS Flint, 1974 : NT (Surinam)

*Oxyethira (Oxytrichia) petei* EB Angrisano, 1995 : NT (Argentina)

*Oxyethira (Oxytrichia) sininsigne* RW Kelley, 1981 : NA (United States of America)

*Oxyethira (Oxytrichia) unispina* OS Flint, 1974 : NT (Surinam)

*Oxyethira (Oxytrichia) vipera* RW Kelley, 1983 : NT (Chile)

subgenus *Pacificotrichia* RW Kelley, 1989

*Oxyethira (Pacificotrichia) dorsennus* RW Kelley, 1989 : AU (New Caledonia)

*Oxyethira (Pacificotrichia) efatensis* RW Kelley, 1989 : AU (Vanuatu)

*Oxyethira (Pacificotrichia) fijiensis* RW Kelley, 1989 : AU (Fiji)

*Oxyethira (Pacificotrichia) indorsennus* RW Kelley, 1989 : AU (New Caledonia)

*Oxyethira (Pacificotrichia) melasma* RW Kelley, 1989 : AU (New Caledonia)

*Oxyethira (Pacificotrichia) oropedion* RW Kelley, 1989 : AU (New Caledonia)

*Oxyethira (Pacificotrichia) scutica* RW Kelley, 1989 : AU (New Caledonia)

subgenus *Tanytrichia* RW Kelley, 1984

*Oxyethira (Tanytrichia) bicornuta* RW Kelley, 1983 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Brazil)

*Oxyethira (Tanytrichia) colombiensis* RW Kelley, 1983 : NT (Colombia)

*Oxyethira (Tanytrichia) cuernuda* RW Holzenthal & SC Harris, 1992 : NT (Costa Rica)

*Oxyethira (Tanytrichia) espinada* RW Holzenthal & SC Harris, 1992 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Costa Rica)

*Oxyethira (Tanytrichia) hilosa* RW Holzenthal & SC Harris, 1992 : NT (First record for Mexico (Veracruz) by J Bueno-Soria, 1999, *Entomol News* 110(2): 113-117

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 43 Costa Rica)

*Oxyethira (Tanytrichia) longissima* OS Flint, 1974 : NT (Listed from Brazil and Surinam by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 42 Surinam)

*Oxyethira (Tanytrichia) luanae* APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009 : NT (Male described originally near *Oxyethira (Tanytrichia) teixeirai* SC Harris & LJ Davenport Holotype--Male; BRAZIL: Amazonas, Manaus, tributary to Agarape da Cachoeira, basin of Rio Cuieiras, 02°41'46.0"S, 60°17'42.7"W, 20-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Oxyethira (Tanytrichia) macrosterna* OS Flint, 1974 : NT (Listed from Brazil and Surinam by

APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 42 Surinam)  
*Oxyethira (Tanytrichia) merga* RW Kelley, 1983 : NT (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Venezuela)  
*Oxyethira (Tanytrichia) orellanai* SC Harris & LJ Davenport, 1992 : NT (Peru)  
*Oxyethira (Tanytrichia) paritentacula* RW Kelley, 1983 : NT (Belize)  
*Oxyethira (Tanytrichia) picita* SC Harris & LJ Davenport, 1999 : NT (Listed from Brazil and Peru by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 43 Peru)  
*Oxyethira (Tanytrichia) sencilla* RW Holzenthal & SC Harris, 1992 : NT (Costa Rica)  
*Oxyethira (Tanytrichia) teixeirai* SC Harris & LJ Davenport, 1992 : NT (Peru)  
*Oxyethira (Tanytrichia) vaina* SC Harris & LJ Davenport, 1999 : NT (Peru)

subgenus *Trichoglene* A Neboiss, 1977

*Oxyethira (Trichoglene) ahipara* KAJ Wise, 1998 : AU (New Zealand (North Auckland))  
*Oxyethira (Trichoglene) albiceps* (R McLachlan, 1862) : AU (Acid mine drainage habitat discussed by MJ Winterbourn, 1998, *N Zeal Entomol* 21: 65-72)

Upstream flight described by MJ Winterbourn & ALM Crowe, 2001, *Freshw Biol* 46: 1479-1489 New Zealand)

*Hydroptila albiceps* R McLachlan, 1862

*Oxyethira (Trichoglene) brevis* A Wells, 1981 : AU (Australia)  
*Oxyethira (Trichoglene) caledoniensis* RW Kelley, 1989 : AU (New Caledonia)  
*Oxyethira (Trichoglene) columba* (A Neboiss, 1977) : AU (Additional Tasmania locality provided by A Neboiss, 2002, *Paper & Proceed Roy Soc Tasmania* 136: 54 Holotype--Male; Australia: Tasmania, Dove River, Cradle Mountain National Park, 14 Dec 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, *Paper & Proceed Roy Soc Tasmania* 136: 54) Australia (Tasmania))

*Trichoglene columba* A Neboiss, 1977

*Oxyethira (Trichoglene) cornuta* A Wells, 1990 : AU (Australia)  
*Oxyethira (Trichoglene) driesseni* A Wells, 2002 : AU (Holotype--Male; Australia: Tasmania, Lake St Clair, Site RCE young, 17 Jan 2000; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, *Papers & Proceed Roy Soc Tasmania* 136: 54) Australia (Tasmania))  
*Oxyethira (Trichoglene) insularis* RW Kelley, 1989 : AU (New Caledonia)  
*Oxyethira (Trichoglene) kirikiriroa* BJ Smith, 2008 : AU (New Zealand)  
*Oxyethira (Trichoglene) mienica* A Wells, 1981 : AU (Holotype--Male; Australia: Tasmania, Ouse River, 5 miles W of Miena, 28 Feb 1967; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, *Paper & Proceed Roy Soc Tasmania* 136: 54) Australia (Tasmania))  
*Oxyethira (Trichoglene) retracta* A Wells, 1981 : AU (Australia)  
*Oxyethira (Trichoglene) tasmaniensis* A Wells, 1998 : AU (Holotype--Male; Australia: Tasmania, World Heritage Area, Melaleuca, 13 Feb 1997; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, *Paper & Proceed Roy Soc Tasmania* 136: 54) Australia (Tasmania))  
*Oxyethira (Trichoglene) torquata* A Wells, 2002 : AU (Holotype--Male; Australia: Tasmania, McPartlan Pass, Site 8A, 7 Mar 2000; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, *Papers & Proceed Roy Soc Tasmania* 136: 54) Australia (Tasmania))  
*Oxyethira (Trichoglene) triangulata* A Wells, 1981 : AU (Australia)  
*Oxyethira (Trichoglene) waipoua* KAJ Wise, 1998 : AU (New Zealand (North Auckland))

*Oxyethira absona* OS Flint, 1991 (Colombia)

*Oxyethira acuta* M Kobayashi, 1977 (Japan)

*Oxyethira angustella* AV Martynov, 1933 (Japan)

*Oxyethira argentinensis* OS Flint, 1982 (Argentina)

*Oxyethira brasiliensis* RW Kelley, 1983 (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Brazil)

*Oxyethira brasiliensis* RW Kelley, 1983 (Brazil)

*Oxyethira burkina* FM Gibon, W Guenda, & B Coulibaly, 1994 (Burkina Faso)

*Oxyethira complicata* A Wells, 1990 (Australia)

*Oxyethira ezoensis* M Kobayashi, 1977 (Japan)

*Oxyethira hyalina* (F Mueller, 1879) (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36 Brazil)

*Lagenopsyche hyalina* F Mueller, 1879

*Oxyethira laodameia* H Malicky, 2004 (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 XXXXX)

*Oxyethira paieon* H Malicky, 2004 (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 XXXXX)

*Oxyethira presilla* SC Harris & LJ Davenport, 1999 (Listed from Brazil and Peru by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 36, 43 Peru)

*Oxyethira quinquaginta* RW Kelley, 1983 (Ecuador)

*Oxyethira rareza* RW Holzenthal & SC Harris, 1992 (Costa Rica)

*Oxyethira sechellensis* H Malicky, 1993 (Seychelle Islands)

*Oxyethira sierruca* RW Holzenthal & SC Harris, 1992 (Costa Rica)

*Oxyethira sinistra* APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009 (Male described originally near *Oxyethira presilla* SC Harris & LJ Davenport Holotype--Male; BRAZIL:

Amazonas, Manaus, Igarape Aruma, tributary to Rio Cuieiras, 02°30'55.2"S, 060°15'44.4" W, 23-viii-2004, JL Nessimian & L Fidelis, light trap; deposited in Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil Brazil)

*Oxyethira spirogyrae* (F Mueller, 1879) (Listed from Brazil by APM Santos, AL Henriques-Oliveira, & JL Nessimian, 2009, *Zootaxa* 2169: 37 Brazil)

*Lagenopsyche spirogyrae* F Mueller, 1879

*Oxyethira tamandua* EB Angrisano & JV Sganga, 2009 (Male described originally near *Oxyethira quinquaginta* RW Kelley, *Oxyethira serruca* RW Holzenthal & SC Harris, and *Oxyethira rareza* RW Holzenthal & SC Harris Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, 16-27-ii-2005, Angrisano & Ablando leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)

*Oxyethira tenei* FM Gibon, W Guenda, & B Coulibaly, 1994 (Burkina Faso)

*Padangpsyche* H Malicky, 1993

*Padangpsyche batakorum* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Padunia* AV Martynov, 1910

*Padunia adelungi* AV Martynov, 1910 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Russia (central Siberia))

*Padunia akkad* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Chiang Rai Prov, Mogtian, ca 20°05'N, 099°20'E, 27-ii-1987; deposited in the H Malicky Collection Lunz am See, Austria Thailand)

*Padunia alpina* T Kagaya & T Nozaki, 1998 (Male and female redescribed from Japan by H Nishimoto & T Nozaki, 2007, *Proceedings of the Internaitonal Symposium on Trichoptera* 12: 231, f 8-15 Japan)

*Padunia alwan* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Na Hang (160 km NWW Hanoi), 150-200 m, 26-v-14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Padunia bikinensis* AV Martynov, 1934 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 54 Russia (southeastern Siberia))

*Padunia burebista* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Padunia fasciata* (M Tsuda, 1942) (Korea)

*Uenotrichia fasciata* M Tsuda, 1942

*Padunia forcipata* AV Martynov, 1934 (Redescription by T Kagaya & T Nozaki, 1998, *Aq Ins* 20(2): 104

Male and female redescribed in Japan by H Nishimoto & T Nozaki, 2007, *Proceedings of the*

International Symposium on Trichoptera 12: 229-231, f 1-7 Russia (eastern Siberia))

*Padunia introflexa* H Nishimoto & T Nozaki, 2007 (Male and female described originally near *Padunia rectangularis* H Nishimoto & T Nozaki Holotype--Male; JAPAN: Shimane, Takatsugawa, Mukaiyokota-cho, Masuda-shi, 7-v-2000, S Nakamura; Biwa Lake Museum, Shiga, Japan Japan)

*Padunia karaked* H Malicky & P Chantaramongkol, 1992 : OL (Thailand)

*Padunia lepnevae* AV Martynov, 1929 (Russia (southwestern Siberia - Altai Mountains))

*Padunia obpyriformis* H Nishimoto & T Nozaki, 2007 (Male and female described originally Holotype--Male; JAPAN: Gifu, Neo-gawa, Motosu-cho, Motosu-shi, 25-v-2002, H Nishimoto; Biwa Lake Museum, Shiga, Japan Japan)

*Padunia pallida* H Nishimoto & T Nozaki, 2007 (Male and female described originally Holotype--Male; JAPAN: Aichi, Tomoe-gawa, Kugyudaira-cho, Toyota-shi, 14-v-2001, H Nishimoto; Biwa Lake Museum, Shiga, Japan Japan)

*Padunia perparvus* H Nishimoto & T Nozaki, 2007 (Male and female described originally near *Padunia bikinensis* V Martynov Holotype--Male; JAPAN: Hiroshima, Ohta-gawa, Hesaka Hiroshima-shi, 13-vii-1998, S Nakamura; deposited in Biwa Lake Museum, Shiga, Japan Japan)

*Padunia ramifera* H Nishimoto & T Nozaki, 2007 (Male and female described originally near *Padunia rectangularis* H Nishimoto & T Nozaki Holotype--Male; JAPAN: Iwate, Kuriyado-sawa, Iwaizumi-cho, 18-vii-2004, N Kuhara; Biwa Lake Museum, Shiga, Japan Japan)

*Padunia rectangularis* H Nishimoto & T Nozaki, 2007 (Male and female described originally Holotype--Male; JAPAN: Aichi, Tomoe-gawa, Kugyudaira-cho, Toyota-shi, 30-v-2000, H Nishimoto; Biwa Lake Museum, Shiga, Japan Japan)

*Paduniella* G Ulmer, 1913

*Paduniella achilleus* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Paduniella africana* (G Ulmer, 1922) : AT (Cameroon)

*Psychomyiodes africana* G Ulmer, 1922

*Paduniella alkithoe* H Malicky, 1997 : OL (Laos)

*Paduniella amphitrite* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Paduniella amurensis* AV Martynov, 1934 (Russia (southern Far East))

*Paduniella anakenam* H Malicky & P Chantaramongkol, 1995 : OL (Thailand)

*Paduniella andamanensis* H Malicky, 1979 : OL (India (Andaman Islands))

*Paduniella angusta* N Banks, 1939 : OL (Reported from The Philippines (Mindoro, Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Paduniella ankya* ME Mosely, 1939 : AT (Uganda)

*Paduniella bidentosa* W Mey, 1998 : OL (Male described originally, similar to *Paduniella panayica* W Mey Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Paduniella bifida* YJ Li & JC Morse, 1997 : OL (China (Sichuan))

*Paduniella bilobata* YJ Li & JC Morse, 1997 : OL (China (Anhui))

*Paduniella borneensis* N Banks, 1931 : OL (Malaysia (Sabah))

*Paduniella buddha* YJ Li & JC Morse, 1997 : OL (China (Sichuan))

*Paduniella burmana* KA Johanson & J Olah, 2010 : OL (Male described originally near *Paduniella fissa* AV Martynov, *Paduniella siveci* P Chantaramongkol & H Malicky, *Paduniella methinee* P Chantaramongkol & H Malicky, and *Paduniella thitima* P Chantaramongkol & H Malicky Holotype--Male: NE BURMA: Kambaiti, 6000 ft, 12-v-1934, leg R Malaise; in alcohol; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Paduniella capensis* KH Barnard, 1940 : AT (Republic of South Africa)

*Paduniella celebensis* W Mey, 2006 : OL (Male described originally near *Paduniella angusta* N Banks Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-x-2005, leg W Mey; deposited in the Indonesian Institute of Science, Bogor, Indonesia Indonesia (Sulawesi))

*Paduniella ceylanica* G Ulmer, 1915 : OL (Sri Lanka)

*Paduniella communis* YJ Li & JC Morse, 1997 : OL (China (Anhui))

*Paduniella dendrobia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella dongdata* KA Johanson & J Olah, 2010 : OL (Male described originally near *Paduniella nike* H Malicky and *Paduniella wangtakraiensis* H Malicky & P Chantaramongkol

and *Paduniella* nama KA Johanson & J Olah Holotype--Male; VIETNAM: Bac Thai Province, Phluong, Dongdat River, 26-v-1986, net, leg Janos Olah; in alcohol; deposited in the J Olah Private Collection Vietnam)

*Paduniella filamentosa* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Paduniella fissa* AV Martynov, 1935 : OL (India)

*Paduniella furcata* YJ Li & JC Morse, 1997 : OL (China (Jiangxi))

*Paduniella hatyaiensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella kalamos* H Malicky, 2004 : OL (Male described originally)

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Holotype--Male; Indonesia: Jawa Timur, Waldbach suedlich Pacet, 1400 m, 7\*44'S, 112\*32'E, 27-iv-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java Timor))

*Paduniella koehleri* H Malicky, 1995 : OL (Indonesia (Bali))

*Paduniella lucina* H Malicky, 2004 : OL (Male described originally)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: westlichen Bach beim Lager 2, 16-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Paduniella maeklangensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella magadha* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 496 Pakistan)

*Paduniella mahanawana* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella mahindra* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella martynovi* K Kumanski, 1992 (Korean People's Democratic Republic)

*Paduniella maurya* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Pakistan)

*Paduniella methinee* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Paduniella mibzar* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Paduniella semarangensis* G Ulmer Holotype--Male; THAILAND: Prov Kanchanaburi, Sai Yok National Park, Karstbach, 100 m, 14\*26'N, 098\*51'E, 17-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Paduniella monga* KA Johanson & J Olah, 2010 : OL (Male described originally near *Paduniella wangtakraiensis* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Moc Chau, 25-x-1986, leg Janos Olah; in alcohol; deposited in the J Olah Private Collection Vietnam)

*Paduniella nearctica* OS Flint, 1967 : NA (Wing structure and function discussed by IC Stocks, 2010, *Journal of Morphology* 271: 152-168 United States of America)

*Paduniella nike* H Malicky, 2004 : OL (Male described originally)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: westlichen Bach beim Lager 2, 16-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Paduniella outtara* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Pakistan)

*Paduniella panayica* W Mey, 1998 : OL (Male described originally, closely related to *Paduniella bidentosa* W Mey Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, 9-10-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Paduniella pandya* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella paramurensis* YJ Li & JC Morse, 1997 : OL (China (Jiangxi))

*Paduniella pleisthenes* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 05-viii-2000, B0521PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Paduniella polyphemos* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow

area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 20-vi-2000, B0911PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Paduniella ranongensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella sabarmata* KA Johanson & J Olah, 2010 : OL (Male described originally near

*Paduniella siveci* P Chantaramongkol & H Malicky, *Paduniella methinee* P Chantaramongkol & H Malicky, *Paduniella thitima* P Chantaramongkol & H Malicky, *Paduniella ceylanica* G Ulmer, *Paduniella pandya* F Schmid, *Paduniella mahindra* F Schmid, and *Paduniella sangkamittra* F Schmid Holotype--Male; INDIA: Gujarat Ghandinagar Sabarmati R, 22-iv-1992, leg Janos Olah; in alcohol; deposited in the J Olah Private Collection India)

*Paduniella sampati* H Malicky & P Chantaramongkol, 1993 : OL (Male re-illustrated, reported from Vietnam and Thailand by KA Johanson & J Olah, 2010, Zootaxa 2548: 46, f 4-6 Thailand)

*Paduniella sanghamittra* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella semarangensis* G Ulmer, 1913 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male re-illustrated, reported from Vietnam by KA Johanson & J Olah, 2010, Zootaxa 2548: 49-50, f 13-15

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Java))

*Paduniella siveci* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Paduniella subhakara* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella suwannamali* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella taya* KA Johanson & J Olah, 2010 : OL (Male described originally Holotype--Male; VIETNAM: Lamdong, Baoloc, Duchma Stream, 23-x-1988, light, leg Janos Olah; in alcohol; deposited in the J Olah Private Collection Vietnam)

*Paduniella teukros* H Malicky, 2008 : OL (Male described originally Holotype--Male;

INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 27-vii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Paduniella thitima* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Paduniella thubalkain* H Malicky & P Chantaramongkol, 2009 : OL (Mzale described originally near *Paduniella semarangensis* G Ulmer Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 500 m, 18\*46'N, 099\*28'E, 25-26-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Paduniella tigridis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Paduniella tmolos* H Malicky, 2008 : OL (Male described originally Holotype--Male;

INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 05-vii-2000, PLS111, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Paduniella toraut* H Malicky, JP O'Connor, & P Ashe, 2009 : OL (Male described originally near *Paduniella suwannamali* H Malicky & P Chantaramongkol and *Paduniella wangtakraiensis* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Sulawesi, Dumoga-Bone National Park (now = Bogani Nani Wartabone National Park), Tilley lamp at forest side of footbridge over River Toraut, 10-ix-1985, leg Patrick Ashe, S70; deposited in the National Museum of Ireland, Dublin, Ireland Indonesia (Sulawesi))

*Paduniella uralensis* AV Martynov, 1914 : PA (Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 200 Russia (S Ural))

*Paduniella vandeli* H Decamps, 1965 (Reported from France by G Coppa, 2004 ("2003"), Ephemera 5(1): 13-18

Reported from additional location in France by G Coppa, 2008("2007"), Ephemera 9(1): 65-66

*Paduniella vattagamani* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella vikramasinha* F Schmid, 1958 : OL (Sri Lanka)

*Paduniella wangtakraiensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pahamunaya* F Schmid, 1958

*Pahamunaya akontios* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)

*Pahamunaya angolensis* G Marlier, 1965 : AT (Angola)

*Pahamunaya directoris* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29 Vietnam)

*Pahamunaya erymanthos* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 05-vii-2000, PLS111, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pahamunaya espelandae* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pahamunaya nacesiveci* H Malicky Holotype--Male; BRUNEI: Belait District, small stream crossing road 8.5 km N Kg Teraja, 50 m upstream bridge, 04°20'55.3"N, 114°26'46"E, 33 m, 6-12-iv-2006, Malaise trap, loc#02 [M Espeland]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Brunei)

*Pahamunaya jihmita* F Schmid & DG Denning, 1979 : OL (Thailand)

*Pahamunaya joda* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 58 Thailand)

*Pahamunaya khoii* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pahamunaya directoris* H Malicky Holotype--Male; VIETNAM: Lamdong, Baoloc, Duchma Stream, 26-x-1988, sweep net [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Pahamunaya layagammeda* F Schmid, 1958 : OL (Sri Lanka)

*Pahamunaya nacesiveci* H Malicky, 2008 : OL (Male described originally Holotype--Male; MALAYSIA: Sarawak, Bako National Park, Telok Delima, 2 m, 01°43'N, 110°26'E, 11-v-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sarawak))

*Pahamunaya occidentalis* J Kjaerandsen & K Netland, 1997 : AT (Ghana)

*Pahamunaya prometheus* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 07-viii-2000, B0711PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pahamunaya wamana* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pahamunaya nacesiveci* H Malicky Holotype--Male; MALAYSIA: Sabah, Tawau, Maliau Basin, Nepenthes Camp, crossing stream, 04°43'58.9"N, 116°52'40.7"E, 994 m, 9-14-xii-2007, Mega Malaise Trap (6 m) [B Viklund & N Joensson]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Palaeagapetus* G Ulmer, 1912

*Palaeagapetus celsus* (HH Ross, 1938) : NA (United States of America)

*Paragapetus celsus* HH Ross, 1938

*Palaeagapetus finisorientis* L Botosaneanu & IM Levanidova, 1987 (Female, pupa, larva, egg described from Spasenyia Bay, Troitza, Khasansky, Primorskii Krai, with systematics and biology by T Ito & T Vshivkova, 1999, *Proc Internatn Symp Trich* 9: 141-148 Russia (southeastern Siberia))

*Palaeagapetus flexus* T Ito, 1991 (World distribution, biology reported by T Ito, 1998, in L Botosaneanu, *Stud Crenobiol, Backhuys Publ, Leiden*: 85-94

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie, & LJ Weis, 2004, in H Takahashi & M Ohara, *Biodiv Biog Kuril Islands and Sakhalin* 1: 51 Japan)

*Palaeagapetus guppyi* F Schmid, 1951 : NA (Canada)

*Palaeagapetus kyushuensis* T Ito & N Kuhara, 1997 (World distribution, biology reported by T



Ito, 1998, in L Botosaneanu, Stud Crenobiol, Backhuys Publ, Leiden: 85-94 Japan)  
*Palaeagapetus nearcticus* N Banks, 1936 : NA (United States of America)  
*Palaeagapetus ovatus* T Ito & T Hattori, 1986 (Oviposition site by T Ito, 1997, P Internatn Symp  
Trich 8: 177-181

World distribution, biology reported by T Ito, 1998, in L Botosaneanu, Stud Crenobiol,  
Backhuys Publ, Leiden: 85-94 Japan)  
*Palaeagapetus parvus* T Ito, 1992 (World distribution, biology reported by T Ito, 1998, in L  
Botosaneanu, Stud Crenobiol, Backhuys Publ, Leiden: 85-94

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)  
*Palaeagapetus shikokuensis* Y Utsunomiya & T Ito, 1997 (life cycle pattern and sex ratio  
discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, Hyogo Freshwater Biology 54:  
21-40 Japan)

*Pangullia* L Navas, 1934

*Pangullia faziana* L Navas, 1934 : NT (Lectotype designated by FE Rojas A, 2006, Revista  
Chilena de Entomologia 31: 29 Chile)

Syn.: *Rhynchopsyche fusca* F Schmid, 1955  
*Pangullia nea* FE Rojas A, 2006 : NT (Chile)

*Parachiona* CG Thomson, 1891

*Parachiona picicornis* (FJ Pictet, 1834) (Diagnostic characters of larva, as *Chilostigma picicornis*,  
provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the  
European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera,  
Mecoptera and Trichoptera, p 254

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)  
*Phryganea picicornis* FJ Pictet, 1834  
Syn.: *Limnephila nigrita* P Rambur, 1842  
Syn.: *Phryganea puberula* JW Zetterstedt, 1840

*Parachorema* F Schmid, 1957

*Parachorema bifidum* F Schmid, 1957 : NT (Chile)

*Paraphlegopteryx* G Ulmer, 1907

*Paraphlegopteryx angkangensis* JS Weaver, III, 1999 : OL (Thailand)  
*Paraphlegopteryx astridae* H Malicky, 2007 : OL (Male described originally near  
*Paraphlegopteryx composita* AV Martynov and *Paraphlegopteryx nigropunctata* JS Weaver  
Holotype--Male; BHUTAN: Zhemgang, N von Zhemgang, 27\*13'N, 90\*39'E, 1600 m, 20-iv-2006,  
Graf; Lichtfallen; mehrere steile Gerinne mit lockerem Schiefer-Geroell; deposited in NECS,  
Thimphu Bhutan)

*Paraphlegopteryx aykroydi* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx brunnea* ME Mosely, 1949 : OL (Myanmar)

*Paraphlegopteryx bulbosa* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx composita* AV Martynov, 1936 : OL (India)

*Paraphlegopteryx ivanovi* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx kamengensis* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx malickyi* JS Weaver, III, 1999 : OL (Reported from Vietnam by BJ Armitage,  
W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on  
Trichoptera 11: 33 Thailand)

*Paraphlegopteryx martynovi* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx meyi* JS Weaver, III, 1999 : OL (Reported from Vietnam by BJ Armitage, W  
Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on  
Trichoptera 11: 33 Vietnam)

*Paraphlegopteryx morsei* L Yang & JS Weaver, 2002 (Male described originally Holotype--Male;

China: Henan, Neixiang Co, Baotianman, N33.0, E111.8, 1300 m, light trap, leg Wang Beixin; deposited in Nanjing Agricultural University collection, Nanjing, Jiangsu Province, People's Republic of China (Henan))

*Paraphlegopteryx moselyi* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx nigropunctata* JS Weaver, III, 1999 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Paraphlegopteryx normalis* ME Mosely, 1949 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

Syn.: *Neosevrina spiralis* T Ito, 1986

*Paraphlegopteryx pippini* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx porntipae* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx rufa* ME Mosely, 1949 : OL (Myanmar)

*Paraphlegopteryx schmidi* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx squamalata* JS Weaver, III, 1999 : OL (India)

*Paraphlegopteryx subcircularis* F Schmid, 1965 : OL (Male redescribed by L Yang & JS Weaver, 2002, *Tijdschr Entomol* 145: 270, f 8-11 Holotype--Male; China: Zhejiang [Chekiang], West Tienmu Shan (Mts.), 28-vii-1932, H Hoene; deposited in Zoologisches Forschungsinstitut und Museum A Koenig, Bonn, Germany (L Yang & JS Weaver, 2002, *Tijdschr Entomol* 145: 270) China (Zhejiang))

*Paraphlegopteryx tonkinensis* G Ulmer, 1907 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Vietnam)

*Paraphlegopteryx ulmeri* JS Weaver, III, 1999 : OL (India)

*Parapsyche* C Betten, 1934

*Parapsyche acuta* F Schmid, 1964 : OL (China (Sichuan))

*Parapsyche aias* H Malicky, 1997 : OL (Male redescribed, reported from China (Sichuan) by H Malicky, 2011, *Braueria* 38: 32, f 34 China (Sichuan))

*Parapsyche almota* HH Ross, 1938 : NA (United States of America)

Syn.: *Arctopsyche oregonensis* S Ling, 1938

*Parapsyche angularia* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31 Vietnam)

*Parapsyche apicalis* (N Banks, 1908) : NA (Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, *Can J Zool* 81: 1083-1095)

Wing structure and function discussed by IC Stocks, 2010, *Journal of Morphology* 271: 152-168

Female described by IC Stocks, 2011, *Zootaxa* 2831: 25, 34, f 1, 6, 18, 24-26 United States of America)

*Arctopsyche apicalis* N Banks, 1908

*Parapsyche asiatica* F Schmid, 1959 (China (Tapaishan - Shaanxi))

*Parapsyche aureocephala* F Schmid, 1964 (Japan)

*Parapsyche beijingensis* CH Sun & JC Morse, 2009 (Male described originally near *Parapsyche kchina* F Schmid Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Beijing City, Songshan National Nature Reserve, small stream beside Dazhuangke Village (40.48\*N, 115.73\*E; alt 1000 m), 19-vi-2005, collected by Zhou Xin; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China (Beijing))

*Parapsyche bifida* F Schmid, 1959 : OL (China (Yunnan))

*Parapsyche birmanica* F Schmid, 1968 : OL (Myanmar)

*Parapsyche cardis* HH Ross, 1938 : NA (Female described by IC Stocks, 2011, *Zootaxa* 2831: 25, 36-37, f 21-23, 27 United States of America)

*Parapsyche denticulata* F Schmid, 1964 : OL (China (Sichuan))

*Parapsyche difformis* (N Banks, 1947) : OL (China (Sichuan))

*Arctopsyche difformis* N Banks, 1947

*Parapsyche elsis* LJ Milne, 1936 : NA (Mountain stream ecology related to thermal gradient physiological responses by WH Lowe & RF Hauer, 1999, *Can J Zool* 77(10): 1637-1644 Canada)

Syn.: *Arctopsyche brevipennis* S Ling, 1938

*Parapsyche excisa* FR Gui & LF Yang, 2001 : OL (Holotype--XXX?; CHINA: Yunnan, Dali City,

Yinqiao China (Yunnan))

*Parapsyche extensa* DG Denning, 1949 : NA (United States of America)

*Parapsyche intawitschajanon* H Malicky et P Chantaramongkol, 1992 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 31 Thailand)

*Parapsyche intawitschajanon helvola* W Mey, 1998 (~intawitschajanon H Malicky & P Chantaramongkol, 1992, Braueria 19: 21, fig

Male described originally Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 25-30-iii-1995, 1600 m, light trap, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany)

*Parapsyche kchina* F Schmid, 1968 : OL (India)

*Parapsyche kurosawai* (M Kobayashi, 1956) (Japan)

*Arctopsyche kurosawai* M Kobayashi, 1956

*Parapsyche maculata* (G Ulmer, 1907) (Larva described by I Akagi, 1956, J Kansai Natr Sci Assoc 9: 19, f 1, a-e

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168 Japan)

*Arctopsyche maculata* G Ulmer, 1907

Syn.: *Parapsyche nigrocephala* F Schmid, 1964

*Parapsyche mahati* F Schmid, 1968 : OL (India)

*Parapsyche shikotsuensis* (M Iwata, 1927) (Life history, influencing factors in headwater streams by T Ito, 1999, Jap J Limnol 60(2): 159-175

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Japan)

*Diplectrona shikotsuensis* M Iwata, 1927

*Parapsyche sinensis* (AV Martynov, 1909) : OL (China ("Kham," Tibet))

*Arctopsyche sinensis* AV Martynov, 1909

*Parapsyche spinata* DG Denning, 1949 : NA (United States of America)

*Parapsyche tchandratshuda* F Schmid, 1968 : OL (India)

*Parapsyche turbinata* F Schmid, 1968 : NA (United States of America)

*Parapsyche varyasi* F Schmid, 1968 : OL (India)

*Parasericostoma* F Schmid, 1957

*Parasericostoma abruptum* F Schmid, 1964 : NT (Chile)

*Parasericostoma acutum* OS Flint, 1983 : NT (Chile)

*Parasericostoma corniculatum* OS Flint, 1983 : NT (Chile)

*Parasericostoma cristatum* OS Flint, 1983 : NT (Diet, feeding behavior and taxonomic implications by RJ Albarino, 1998, Rev Soc Entomol Argentina 57(1-4): 131-135

Morphology of larva and pupa in Patagonia by A del C Valverde & RJ Albarino, 1999, Revista Soc Entomol Argentina 58(3-4): 11-16 Chile)

*Parasericostoma dinocephalum* F Schmid, 1957 : NT (Chile)

*Parasericostoma drepanigerum* OS Flint, 1983 : NT (Chile)

*Parasericostoma laterale* F Schmid, 1964 : NT (Chile)

*Parasericostoma ovale* (F Schmid, 1955) : NT ([larva and pupa described by A del C Valverde & ML Miserendino, 1997, Rev Soc Entomol Argentina 56(1-4): 33-37] Chile)

*Chrysostoma ovale* F Schmid, 1955

*Parasericostoma peniai* (F Schmid, 1955) : NT (Chile)

*Chrysostoma peniai* F Schmid, 1955

*Parasericostoma rufum* F Schmid, 1964 : NT (Chile)

*Parasetodes* R McLachlan, 1880

*Parasetodes aquilonius* L Yang & JC Morse, 1997 (Reported from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, Geol, Biodiv & Ecol Lake Hovsgol (Mongolia), p 323 Russia (Far East))

*Parasetodes kiangsanicus* (G Ulmer, 1932) : OL (transferred from *Nectopsyche* to *Parasetodes* by L Yang & JC Morse, 2000, Mem Amer Entomol Inst 64: 1, 2, 6, 59-60, 63, f 93 China (Jiangxi))  
*Leptocella kiangsanicus* G Ulmer, 1932  
*Parasetodes magirus* (ME Mosely, 1948) : AT (Lake Nyasa)  
*Leptocerus magirus* ME Mosely, 1948  
*Parasetodes nebulosus* DE Kimmins, 1956 : AT (Uganda)  
*Parasetodes respersellus* (P Rambur, 1842) : OL, PA (Female described by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 3, 6, 59, 61-63, f 95, 198

Reported from Nepal as *Parasetodes respersella* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male and female re-illustrated, reported from Cambodia, India, Myanmar, Thailand, Philippines, Sri Lanka, Indonesia (Sumatra), Malaysia, and southern China, as *Parasetodes maculatus* (N Banks) by T Ito & N Kuhara, 2007, Biology of Inland Waters 22: 27, f 12 France)

*Setodes respersellus* P Rambur, 1842  
Syn.: *Leptocella bakeri* N Banks, 1913  
Syn.: *Leptocella maculatus* N Banks, 1911  
Syn.: *Parasetodes ussuriensis* AV Martynov, 1935  
*Parasetodes sudanensis* G Ulmer, 1922 : AT (Sudan)  
*Parasetodes sudanensis tanganicanus* G Marlier, 1956 ( ~sudanensis G Ulmer, 1922, Mitt Muench ent Ges 12: 57-59, f 17-17a)  
*Parasetodes tumbanus* G Marlier, 1958 : AT (Democratic Republic of the Congo)

*Parastactobia* F Schmid, 1958

*Parastactobia duatali* (A Wells & H Malicky, 1997) : OL (Transferred from *Chrysotrichia* to *Parastactobia* by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1054 Indonesia (Java))

*Chrysotrichia duatali* A Wells & H Malicky, 1997  
*Parastactobia khakaeng* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Huai Kha Kaeng Wildlife Sanctuary, headquarters, 15°36'N, 099°19'E, 300 m, 27-iv-2001, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Parastactobia kumiskucinga* A Wells, 1990 : OL (Male described originally near *Parastactobia talakalahena* F Schmid Holotype--Male; INDONESIA: Sulawesi Utara, Motolanga R, Doloduo-Malibagu road, 7-v-1985, MV light, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))  
*Parastactobia margemiring* (A Wells & H Malicky, 1997) : OL (Transferred from *Chrysotrichia* to *Parastactobia* by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1054

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Chrysotrichia margemiring* A Wells & H Malicky, 1997  
*Parastactobia siribhum* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon National Park, Namtok Siribhum, 18°32'N, 098°31'E, 1300 m, 12-19-xii-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Parastactobia taengdoe* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Mae Ping beim Royal Ping Resort, 9 km N Mae Taeng, 350 m, 19°12'N, 098°58'E, 30-xii-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Parastactobia talakalahena* F Schmid, 1958 : OL (Sri Lanka)

*Parecnomina* DE Kimmins, 1957

*Parecnomina bifida* DG Gibbs, 1973 : AT (Male and female redescribed by T Andersen & J

Kjaerandsen, 2005, Proc Internatn Symp Trichoptera 11: 6, 8, f 9, 25-28, 48 Ghana)  
*Parecnomina chelata* T Andersen & J Kjaerandsen, 2005 : AT (Male and female described originally near *Parecnomina clypeata* T Andersen & J Kjaerandsen Holotype--Male; TANZANIA: Tanga Region, West Usambara Mts, Mazumbai, Kaputu Stream, Site 7, 1,535 m asl, 4-13-i-1991, malaise trap, ZMUB's Tanzania Expedition; slide mounted in Canada balsam, ZUMB type no 391); deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Tanzania)  
*Parecnomina clypeata* T Andersen & J Kjaerandsen, 2005 : AT (Male and female described originally near *Parecnomina chelata* T Andersen & J Kjaerandsen Holotype--Male; GHANA: Western Region, Ankasa Game Production Preserve, Ankasa River, 31-iii-1993, at light, NUFU-project; slide mounted in Canada balsam, ZUMB type no 392); deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)  
*Parecnomina forcipata* DE Kimmins, 1957 : AT (See also DE Kimmins, 1959, Ruwenzori Exp 1952 2(9): 50, f 9-12

Male and female redescribed by T Andersen & J Kjaerandsen, 2005, Proc Internatn Symp Trichoptera 11: 4, 6, f 8, 13-24, 46-47 Uganda)

Syn.: *Parecnomina spinosissima* S Jacquemart et B Statzner, 1981

*Parecnomina hamata* T Andersen & J Kjaerandsen, 2005 : AT (Male and female described originally near *Parecnomina bifida* DG Gibbs Holotype--Male; GHANA: Volta Region, Agumatsa Waterfalls, Wli, Site 5, 4-15-iii-1993, malaise trap, NUFU-project; slide mounted in Canada balsam, ZUMB type no 390); deposited in the Museum of Zoology, University of Bergen, Bergen, Norway Ghana)

*Parecnomina resima* JC Morse, 1974 : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Paroxyethira* ME Mosely, 1924

*Paroxyethira auldorum* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Marlborough, Wakamarina River tributary above tunnel, UV, 25633, 58939, 40 m, John B & GM Ward, 15 an 17 December 2000; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira dumagnes* RW Kelley, 1989 : AU (New Caledonia)

*Paroxyethira dunedensis* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Central Otago, Rock and Pillar Range, north end, 22877, 55384, 1190 m, Brian H Patrick, 2 April 1993; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira eatoni* ME Mosely, 1924 : AU (New Zealand)

*Paroxyethira hendersoni* ME Mosely, 1924 : AU (New Zealand)

*Paroxyethira hintoni* JP Leader, 1972 : AU (New Zealand)

*Paroxyethira hughwilsoni* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Mid Canterbury, Narbey Stream above Otanerito, Hinewai Reserve, UV, 25138, 57047, 40 m, 12 February 2001, John B Ward; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira kimminsi* JP Leader, 1972 : AU (New Zealand)

*Paroxyethira manapouri* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Fiordland, Wolfe Flat, Turret Range, Graeme W Ramsay, 22 January 1970; whole mount on slide 328; deposited in the New Zealand Arthropod Collection, Landcare Research, Auckland, New Zealand New Zealand)

*Paroxyethira nigrispina* RW Kelley, 1989 : AU (New Caledonia)

*Paroxyethira pounamu* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Fiordland, Borland Burn tributary near Borland Lodge, UV, 20855, 54787, 170 m, John B & GM Ward, 5 January 1997; slides 323, 324; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira ramifera* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Northland, Waipoua, Fire Lookout Track, stream, UV, 25614, 66162, 140 m, John B & GM Ward, 7 December 2002; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira sarae* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--

Male; New Zealand: Buller, Sabine River, above gorge, UV, 24853, 59202, 520 m, IM Henderson; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira takitimu* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Buller, Slab Hut Creek access road, swampy areas, UV, 24100, 58940, 190 m, John B & GM Ward, 4 January 2001; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira teika* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Wellington, Catchpool Campground, table light, 26712, 59823, 50 m, John B & GM Ward, 16 December 2002; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Paroxyethira tillyardi* ME Mosely, 1924 : AU (New Zealand)

*Paroxyethira zoeae* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype--Male; New Zealand: Tongariro, Mount Ruapehu near Tawhai Falls, swept, 27269, 62220, 980 m, IM Henderson; in alcohol; deposited in the collection of IM Henderson, Massey University, Palmerston North, New Zealand New Zealand)

*Parthina* DG Denning, 1954

*Parthina linea* DG Denning, 1954 : NA (United States of America)

*Parthina vierra* DG Denning, 1973 : NA (United States of America)

*Paucicalcaria* ML Mathis & DE Bowles, 1989

*Paucicalcaria ozarkensis* ML Mathis & DE Bowles, 1989 : NA (United States of America)

*Pedomoecus* HH Ross, 1947

*Pedomoecus sierra* HH Ross, 1947 : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 United States of America)

*Peltopsyche* F Mueller, 1879

*Peltopsyche maclachlani* F Mueller, 1879 : NT (Brazil)

*Peltopsyche sieboldi* F Mueller, 1879 : NT (Brazil)

*Perissoneura* R McLachlan, 1871

*Perissoneura chrysea* L Navas, 1922 (Japan)

*Perissoneura paradoxa* R McLachlan, 1871 (Distributed in Japan (Honshu, Shikoku) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255 Japan)

Syn.: *Heteroplectron yamaguchii* M Tsuda, 1942

Syn.: *Odontocerum kisoensis* M Iwata, 1928

Syn.: *Perissoneura japonica* N Banks, 1906

Syn.: *Perissoneura similis* N Banks, 1906

*Periwinkla* AG McFarlane, 1973

*Periwinkla childi* AG McFarlane, 1973 : AU (New Zealand)

*Petroplax* KH Barnard, 1934

*Petroplax caricis* KH Barnard, 1934 : AT (Republic of South Africa)

*Petroplax curvicosta* KMF Scott, 1955 : AT (Republic of South Africa)

*Petroplax phleophila* KH Barnard, 1934 : AT (Republic of South Africa)

*Petroplax prionii* KH Barnard, 1934 : AT (Republic of South Africa)

*Petrothrincus* KH Barnard, 1934

*Petrothrincus acuta* (JS Weaver, 1997) : AT (Additional records in Madagascar provided by T Malm & KA Johanson, 2005, *Zootaxa* 1009: 19)

Moved from *Gyrocarisa* to *Petrothrincus* by KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11  
Holotype--Male; MADAGASCAR: Fianarantsoa Prov, 7 km W Ranomafan, 900 m, 20-31-i-1990, WE Steiner, rain forest, black light trap; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11) Madagascar)

*Gyrocarisa acuta* JS Weaver, 1997

*Petrothrincus andohel* KA Johanson & J Olah : AT (Male described originally Holotype--Male; MADAGASCAR: Andohahela, 1800 m, R Paulian; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Petrothrincus andring* KA Johanson & J Olah : AT (Male described originally Holotype--Male; MADAGASCAR: Andringitra, Soanindrano, 2070 m, 15-i-1958, [collector unknown]; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Petrothrincus circularis* KH Barnard, 1934 : AT (Lectotype--Male; REPUBLIC OF SOUTH AFRICA: western Cape Province, Table Mountain, Echo Valley, Cape Town, February-April, KH Barnard; selected and designated from among Barnard's syntypes by KMF Scott & F de Moor, 1993, *Annals of the Cape Provincial Museums, Natural History* 18(14): 293-354; deposited in the South African Museum, Cape Town, South Africa (KA Johanson & J Olah, 2006, *Zootaxa* 1205: 10) Republic of South Africa)

*Petrothrincus concava* (JS Weaver, 1997) : AT (Moved from *Gyrocarisa* to *Petrothrincus* by KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11 Holotype--Male; MADAGASCAR: Fianarantsoa Prov, 7 km W Ranomafan, 900 m, 20-31-i-1990, WE Steiner, rain forest, black light trap; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11) Madagascar)

*Gyrocarisa concava* JS Weaver, 1997

*Petrothrincus demoori* KMF Scott, 1993 : AT (Occurring possibly in Salt River, South Africa according to FC de Moor, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 211-218 Holotype--Male; REPUBLIC OF SOUTH AFRICA: southern Cape, Plaat River, tributary of the Karatara River, at Klein Plaat se Brug, 33.5320°S, 022.5045°E, altitude c 280 m; deposited in the Albany Museum, Grahamstown, South Africa (KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11) Republic of South Africa)

*Petrothrincus dhrataparam* KA Johanson & J Olah : AT (Male described originally Holotype--Male; MADAGASCAR: Perinet, P Viette, ix-1954, R Paulian; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Petrothrincus newidop* KA Johanson & J Olah : AT (Male described originally near *Petrothrincus steineri* JS Weaver, *Petrothrincus scottae* (T Malm & KA Johanson), *Petrothrincus tsaratananensis* KA Johanson & J Olah, and *Petrothrincus andring* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Mt Tsaratanana, 500 m, [no date], R Paulian; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Petrothrincus pauliani* KA Johanson & J Olah : AT (Male described originally Holotype--Male; MADAGASCAR: Mt Tsaratanana, 1500 m, R Paulian; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Petrothrincus scottae* (T Malm & KA Johanson, 2005) : AT (Male described originally near *Gyrocarisa acuta* JS Weaver)

Moved from *Gyrocarisa* to *Petrothrincus* by KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11  
Holotype--Male; MADAGASCAR: Fianarantsoa Province, Ranomafana, Malaise trap near river in tropical forest, 12-20-xii-1999, 1150 m, 21.2554°S, 47.4552°E, ME Irwin and EI Schlinger; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Madagascar)

*Gyrocarisa scottae* T Malm & KA Johanson, 2005

*Petrothrincus steineri* (JS Weaver, 1997) : AT (Additional records in Madagascar provided by T Malm & KA Johanson, 2005, *Zootaxa* 1009: 19)

Moved from *Gyrocarisa* to *Petrothrincus* by KA Johanson & J Olah, 2006, *Zootaxa* 1205: 11  
Holotype--Male; MADAGASCAR: Fianarantsoa Prov, 7 km W Ranomafan, 900 m, 8-13-iii-1990, WE Steiner, Malaise trap across stream in rain forest; deposited in the United States

National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KA Johanson & J Olah, 2006, Zootaxa 1205: 11) Madagascar)

*Gyrocarisa steineri* JS Weaver, 1997

*Petrothrincus triangularis* (HA Hagen, 1864) : AT (Type specimens (Swellendam, western Cape Province) probably lost according to KMF Scott & F de Moor, 1993, Annals of the Cape Provincial Museums, Natural History 18(14): 293-354 Neotype--Male; collected by H Malicky; deposited in the Albany Museum, Grahamstown, South Africa; designated by KMF Scott, 1993, ??? (KA Johanson & J Olah, 2006, Zootaxa 1205: 10) Republic of South Africa)

*Molanna triangularis* HA Hagen, 1864

*Petrothrincus tsaratananensis* KA Johanson & J Olah : AT (Male described originally near *Petrothrincus steineri* (JS Weaver), *Petrothrincus weaveri* (T Malm & KA Johanson), *Petrothrincus newidop* KA Johanson & J Olah, and *Petrothrincus andring* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Mt Tsaratanana, 500 m, [no date], R Paulian; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar) *Petrothrincus weaveri* (T Malm & KA Johanson, 2005) : AT (Male described originally near *Gyrocarisa steineri* JS Weaver

Moved from *Gyrocarisa* to *Petrothrincus* by KA Johanson & J Olah, 2006, Zootaxa 1205: 11 Holotype--Male; MADAGASCAR: Fianarantsoa Province, Ranomafana, Malaise trap near river in tropical forest, 12-20-xii-1999, 1150 m, 21.2554\*S, 47.4552\*E, ME Irwin and EI Schlinger; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Madagascar)

*Gyrocarisa weaveri* T Malm & KA Johanson, 2005

*Phanocelia* N Banks, 1943

*Phanocelia canadensis* (N Banks, 1924) : NA (Habitat and life history in Massachusetts provided by EA Colburn & FMG Clapp, Northeastern Naturalist 13: 537-550

Reported from Alaska by DJ Rinella & DL Bogan, 2008, Entomological News 119(3): 295-297 Canada)

*Apatania canadensis* N Banks, 1924

*Philaniscus* F Walker, 1852

*Philaniscus fasciatus* EF Riek, 1977 : AU (New Zealand (Kermadec Islands))

*Philaniscus mataua* JB Ward, 1995 : AU (New Zealand)

*Philaniscus plebeius* F Walker, 1852 : AU (New Zealand)

Syn.: *Anomalostoma alloneura* F Brauer, 1865

*Philarctus* R McLachlan, 1880

*Philarctus asiaticus* (KH Forsslund, 1935) (Not a species of *Philarctus* according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 113 China (Gansu))

*Platycentropus asiaticus* KH Forsslund, 1935

*Philarctus bergrothi* R McLachlan, 1880 : NA, PA (Listed in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 572

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Treated as a species of *Limnophilus* by VN Grigorenko, 2002, Proceedings of the International Symposium on Trichoptera 10: 107, 112 Lectotype of *Limnophiloides appendiculatus*--Male; male #1 (designated by VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 112); deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Russia (northwestern Siberia))

Syn.: *Colpotaulius quaeris* LJ Milne, 1935

*Philarctus przewalskii* R McLachlan, 1886 (Lectotype of *Limnophiloides appendiculatus*--Male; male #1 (designated by VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 112); deposited in



the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia China (Qinghai)

Syn.: *Limnophiloides appendiculatus* AV Martynov, 1909

Syn.: *Limnophiloides simplex* AV Martynov, 1909

Syn.: *Philarctus reinigi* G Ulmer, 1940

*Philarctus rhomboidalis* AV Martynov, 1924 (Russia (southern Siberia - Sajan Mountains))

Syn.: *Philarctus dmitrievkae* AP Nimmo, 1995

*Philocasca* HH Ross, 1941

*Philocasca alba* AP Nimmo, 1977 : NA (Canada)

*Philocasca antennata* (N Banks, 1900) : NA (United States of America)

*Stenophylax antennata* N Banks, 1900

*Philocasca banksi* (DG Denning, 1941) : NA (United States of America)

*Anisogamus banksi* DG Denning, 1941

*Philocasca demita* HH Ross, 1941 : NA (United States of America)

*Philocasca oron* HH Ross, 1949 : NA (United States of America)

*Philocasca rivularis* GB Wiggins, 1968 : NA (United States of America)

*Philocasca thor* AP Nimmo, 1971 : NA (Canada)

*Philocrena* SG Lepneva, 1956

*Philocrena trialetica* SG Lepneva, 1956 (Georgia)

*Philopotamus* JF Stephens, 1829

*Philopotamus achemenus* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38 Iran)

*Philopotamus corsicanus* ME Mosely, 1938 (Endemic to geographic Italy (Sarinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

*Philopotamus ketama* J Giudicelli & M Dakki, 1984 (Morocco)

*Philopotamus liguricus* H Malicky, 1984 (Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Philopotamus ludificatus* R McLachlan, 1878 (Forelegs described by G Spinelli and C Corallini, 2002, *Proc Internatn Symp Trich* 10: 29-36

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Belgium)

*Philopotamus montanus* (E Donovan, 1813) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Larva illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 32-34

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, *Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera*, p 194

Development and flight period duration in Germany by PJ Neu, 1999, *Dendrocopos* 26(2): 301-318

Larva diagnosed by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, *Boletin de la Asociacion Espanola de Entomologia* 25(3-4): 99, figs

Reported from Scotland (Orkney) by RH Andrew, 2001, *Orkney Field Club Bulletin* 2001: 55-56

Probable pheromones in sternum V glands detected by J Bergmann, C Loefstedt, VD Ivanov, W Francke, 2002, Proc Internatn Sym Trich 10: 37-46

Degree of intolerance score (DIS) of 8.66 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119  
Wales, Ireland, Britain)

*Phryganea montanus* E Donovan, 1813

Syn.: *Philopotamus scopulorum* JF Stephens, 1836

Syn.: *Philopotamus tigrinus* F Brauer, 1857

Syn.: *Phryganea charpentieri* JW Zetterstedt, 1840

*Philopotamus montanus arvernicus* F Vaillant, 1974

*Philopotamus montanus caurelensis* MA Gonzalez & LSW Terra, 1979 (~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*)

*Philopotamus montanus cesareus* R McLachlan, 1884 (

~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*)

*Philopotamus montanus chrysopterus* KJ Morton, 1884 (

~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*)

*Philopotamus montanus insularis* R McLachlan, 1878 (Described originally as a distinct species

A subspecies of *Philopotamus montanus* according to V Grigorenko as cited by VD Ivanov, 1996, in litt

A subspecies of *Philopotamus montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1) according to H Malicky, 2005, Linzer biol Beitr 37(1): 550

*Philopotamus montanus perversus* R McLachlan, 1884 (Described originally as *Philopotamus perversus*, MA Gonzalez & LSW Terra, 1979, Boletin Asoc esp Ent 3: 165

~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*

Larva described as *Philopotamus perversus* by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Boletin de la Asociacion Espanola de Entomologia 25(3-4): 99, figs)

*Philopotamus montanus pyrenaicus* R McLachlan, 1878 (

~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*)

*Philopotamus montanus scoticus* R McLachlan, 1862 (described originally as species (R McLachlan, 1878, Rev Syn p 384, as variety of *Philopotamus montanus*)

~*montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1), *Phryganea*)

*Philopotamus montanus siculus* HA Hagen, 1860 (Described originally as a distinct species

A subspecies of *Philopotamus montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1) according to V Grigorenko as cited by VD Ivanov, 1996, in litt

Treated as a subspecies of *Philopotamus montanus* (E Donovan, 1813, Nat Hist Br Ins 16: 21, pl 548 f 1) by H Malicky, 2005, Linzer biol Beitr 37(1): 550

*Philopotamus tenuis* AV Martynov, 1913 (Russia (Caucasus), Georgia)

*Philopotamus variegatus* (JA Scopoli, 1763) (Larva diagnosed by R Vieira-Lanero, MA Gonzalez,

& F Cobo, 2001, Boletin de la Asociacion Espanola de Entomologia 25(3-4): 98, figs

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119  
Bosnia ("Carniola"))

*Phryganea variegatus* JA Scopoli, 1763

Syn.: *Philopotamus pedemontanus* L Navas, 1934

*Philopotamus variegatus amphilectus* R McLachlan, 1884 (Described originally as *Philopotamus amphilectus*)

Reduced to subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) by MA Gonzalez & LSW Terra, 1979, Boletin Asoc esp Ent 3: 168

Larva described as *Philopotamus amphilectus* by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Boletin de la Asociacion Espanola de Entomologia 25(3-4): 97, figs)

*Philopotamus variegatus aureus* L Navas, 1917 (Described originally as a distinct species)

Considered a subspecies of *Philopotamus hispanicus* R McLachlan, 1878, Rev Syn p 386 by F Schmid, 1950, 25: 315

Treated as a subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) by MA Gonzalez & LSW Terra, 1979, Bol Asoc Espan Entomol 3: 168)

*Philopotamus variegatus flavidus* HA Hagen, 1864 (Described originally as a distinct species)

A subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) according to V Grigorenko as cited by VD Ivanov, 1996, in litt

A subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) according to H Malicky, 2005, Linzer biol Beitr 37(1): 550)

*Philopotamus variegatus griseus* L Navas, 1917 (Described originally as a distinct species)

Treated as a subspecies of *Philopotamus hispanicus* R McLachlan, 1878, Rev Syn p 386 by F Schmid, 1950, Eos 25: 315

Reduced to subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) by MA Gonzalez & LSW Terra, 1979, Boletin Asoc esp Ent 3: 168)

*Philopotamus variegatus hispanicus* R McLachlan, 1878 (Described originally as a variety of *Philopotamus variegatus*)

Treated as a distinct species by F Schmid, 1950, Eos, 25: 315

*Philopotamus variegatus lucidus* L Navas, 1917 (Described originally as a distinct species)

Treated as a subspecies of *Philopotamus hispanicus* R McLachlan, 1878, Rev Syn p 386 by F Schmid, 1950, Eos 25: 315

Reduced to subspecies of *Philopotamus variegatus* (JA Scopoli, 1763, Ent Carniol 1: 266) by MA Gonzalez & LSW Terra, 1979, Boletin Asoc esp Ent 3: 168)

*Philorheithrus* EJ Hare, 1910

*Philorheithrus agilis* (GV Hudson, 1904) : AU (Male illustrated by ME Mosely & DE Kimmins, 1953, Trichoptera of Australia and N Zeal, f 1201-d (as *Philorheithrus lacustris* RJ Tillyard according to AG McFarlane, 1966, Rec Canterbury Mus 8: 152 and IM Henderson & JB Ward, 2006, Rec Canterbury Mus 20: 21)

*Philorheithrus lacustris* RJ Tillyard is a synonym according to DR Cowley, 1978, N Zeal J Zool

5: 639-750

*Philorheithrus agilis* (GV Hudson) and *Philoreithrus lacustris* RJ Tillyard are distinct species, differences described by IM Henderson & JB Ward, 2006, Rec Canterbury Mus 20: 21-22 New Zealand)

*Pseudoeconesus agilis* GV Hudson, 1904

*Philorheithrus aliciae* IM Henderson & JB Ward, 2006 : AU (Male and female described originally Holotype--Male; NEW ZEALAND: Wellington, Wellington Region Wilton Bush, 26570 59919 [NZMS 260 metric grid], 100 m, Ian M Henderson, 7-xi-1979; in 80% SDA (industrial ethanol); deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Philorheithrus harunae* IM Henderson & JB Ward, 2006 : AU (Male and female described originally near *Philorheithrus lacustris* Holotype--Male; NEW ZEALAND: Central Otago Rock & Pillar Range, McPhees Rock, 22753 55222 [NZMS 260 metric grid], 1250 m, 6-ii-1991, Brian H Patrick; pinned; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Philorheithrus lacustris* RJ Tillyard, 1924 : AU (Male illustrated by ME Mosely & DE Kimmins, 1953, Trichoptera of Australia and N Zeal, f 1201-d is *Philorheithrus agilis* (GV Hudson) according to AG McFarlane, 1966, Rec Canterbury Mus 8: 152 and IM Henderson & JB Ward, 2006, Rec Canterbury Mus 20: 21

*Philorheithrus lacustris* RJ Tillyard is a synonym according to DR Cowley, 1978, N Zeal J Zool 5: 639-750

*Philorheithrus agilis* (GV Hudson) and *Philoreithrus lacustris* RJ Tillyard are distinct species, differences described, with *P lacustris* only on South Island, according to IM Henderson & JB Ward, 2006, Rec Canterbury Mus 20: 21-22 New Zealand)

*Philorheithrus latentis* IM Henderson & JB Ward, 2006 : AU (Male described originally Holotype--Male; NEW ZEALAND: Westland Franz Josef, Tatare Track, first stream, 22821 57539 [NZMS 260 metric grid], 260 m, 10-xii-1999, John B & Geraldine M Ward; pinned; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Philorheithrus litoralis* IM Henderson & JB Ward, 2006 : AU (Male, female, larva, and pupa described originally Holotype--Male; NEW ZEALAND: SD [= Southland?], Te Rua Bay, Tory Channel, 26164 59950 [NZMS 260 metric grid], 10 m, 21-x-1979, Ian M Henderson; in 80% SDA (industrial ethanol); deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Phoupanpsyche* H Malicky, 2008

*Phoupanpsyche caroli* H Malicky, 2008 : OL (Male described originally Holotype--Male; LAOS: Hua Phan Province, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Phraepsyche* H Malicky & P Chantaramongkol, 2000

*Phraepsyche danaos* H Malicky & S Sompong, 2000 : OL (Male redescribed by J Olah & KA Johanson, 2010, Zootaxa 2457: 114 Holotype--XXXX?; THAILAND: Wiang Kosai National Park Thailand)

*Phraepsyche epha* H Malicky, 2008 : OL (Male described originally near *Phraepsyche danaos* H Malicky & S Sompong Holotype--Male; VIETNAM: Tam Dao, 800-1100 m, 21°28'N, 105°38'E, 19-v-13-vi-1995, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Phraepsyche pectinata* J Olah & KA Johanson, 2010 : OL (Male described originally near *Phraepsyche danaos* H Malicky & S Sompong and *Phraepsyche yitungshana* J Olah & KA Johanson Holotype--Male; VIETNAM: Lamdong, Baoloc, Duchma Stream, 23-x-1988, light [J Olah]; deposited in the J Olah Private Collection, presently under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Phraepsyche yitungshana* J Olah & KA Johanson, 2010 : OL (Male described originally near *Phraepsyche danaos* H Malicky & S Sompong Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Hong Kong, Lantau South Country Park, stream 1.3 km E Yi Tung Shan Mt, Malaise

trap, loc 3, 20-27-v-2005 [A Olsson & E Ohlsson]; deposited in the Swedis Museum of Natural History, Stockholm, Sweden China (Hong Kong)

*Phryganea* C Linnaeus, 1758

subgenus *Colpomera* R McLachlan, 1862

*Phryganea (Colpomera) japonica* R McLachlan, 1866 (Larva, larval case, pupa, and pupal case described by H Nishimoto & T Nozaki, 2001, Entomol Sci 4(3): 361-368, f 1-10

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Phryganea (Colpomera) sinensis* R McLachlan, 1862 : OL (Tibial spinules, sensilla, spurs, and spines described, as *Colpomera sinensis*, by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 northern China)

subgenus *Neophryganea* AV Martynov, 1924

*Phryganea (Neophryganea) cinerea* F Walker, 1852 : NA (Reported from 36-100 m depth in Lake Superior, Wisconsin, by JH Selgeby, 1974, Journal of the Fisheries Research Board of Canada 31: 109-111

Canada)

Syn.: *Phryganea divulsa* F Walker, 1860

*Phryganea (Neophryganea) sayi* LJ Milne, 1931 : NA (United States of America)

Syn.: *Phryganea interrupta* T Say, 1828

subgenus *Phryganea* C Linnaeus, 1758

*Phryganea (Phryganea) bipunctata* AJ Retzius, 1783 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 83

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden ?)

Syn.: *Phryganea beckwithii* JF Stephens, 1836

Syn.: *Phryganea fulvipes* H Burmeister, 1839

*Phryganea (Phryganea) bipunctata brachyptera* O Siitonen, 1951 ( ~bipunctata AJ Retzius, 1783, C de Geer Gen Spec Ins p 55)

*Phryganea (Phryganea) bipunctata cinerascens* J Sahlberg, 1894 ( ~bipunctata AJ Retzius, 1783, C de Geer Gen Spec Ins p 55)

*Phryganea (Phryganea) grandis* C Linnaeus, 1758 : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval mesocoxa illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 85

Structure of wing hairs described by MO Moss & G Gibbs, 2000, Quekett Journal of Microscopy 38(7): 511-517

Larvae develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

Syn.: *Phryganea atomaria* JF Stephens, 1836

Syn.: *Phryganea uncinata* F von Paula Schrank, 1781

*Phryganea (Phryganea) grandis meridionalis* F Klapalek, 1899 (

~*grandis* C Linnaeus, 1758, Syst Nat ed 10: 548)

*Phryganea (Phryganea) grandis nattereri* F Brauer, 1873 (Lectotype designated by GB Wiggins, 1998, Caddisfly Fam Phryganeidae, p 139

A subspecies *Phryganea grandis nattereri* according to H Malicky, 2005, Linzer biol Beitr 37(1): 561-562

Distinct species, endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Phryganea (Phryganea) grandis ochrida* H Malicky, 1975 (A synonym of *Phryganea grandis* according to GB Wiggins, 1998, Caddisfly Fam Phryganeidae, p 137

A subspecies *Phryganea grandis ochrida* according to H Malicky, 2005, Linzer biol Beitr 37(1): 561)

Listed from northwestern Turkey as a distinct species by F Sipahiler, 2007, Braueria 34: 39

Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20)

*Phryganea (Phryganea) grandis rotundata* G Ulmer, 1905 (Considered a subspecies by W Mey, 1978, Entomol Nachr Dresden 22(7-8): 122

Considered a subspecies of *Phryganea grandis* by MA Beketov & VD Ivanov, 2004, Braueria 31: 27 and H Malicky, 2005, Linzer biol Beitr 37(1): 561)

*Phryganea (Phryganea) grandis serti* F Sipahiler, 2000 (

~*grandis* C Linnaeus, 1758, Syst Nat ed 10: 548)

*Phryganea atomaria* JF Gmelin, 1789 (Uncertain synonym, see also NG Leske 1789 Mus Leskeanum Leipzig p 51

A species of Hydropsyche according to FCJ Fischer 1963 Trich Cat 4: 93 Germany)

*Phryganea lineata* OF Mueller, 1776 (Nomen dubium

As junior synonym of *Limnephilus vittatus* (JC Fabricius, 1798) according to FCJ Fischer 1968 Trich Cat 9: 351 Denmark)

*Phryganea vitrata* JW Zetterstedt, 1840 (Nomen dubium

As junior synonym of *Limnephilus subcentralis* F Brauer, 1857, according to FCJ Fischer 1968 Trich Cat 9: 326-331 Sweden)

*Phryganopsyche* GB Wiggins, 1959

*Phryganopsyche brunnea* GB Wiggins, 1969 (Japan)

*Phryganopsyche cornuta* (DE Kimmins, 1950) (Holotype--XXX:MYANMAR: Kambaiti (TI Arefina-Armitage & BJ Armitage, 2009, Proceedings of the Entomological Society of Washington 111(2): 322) Myanmar)

*Phryganopsis cornuta* DE Kimmins, 1950

*Phryganopsyche latipennis* (N Banks, 1906) : OL (Biology and pollution tolerance discussed by WF Yang & LF Yang, 2002, Nanjing Nongye Daxue Xuebao 25(2): 61-65

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu), Russia (Far East), China, India, Korea according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Phryganea latipennis* N Banks, 1906

*Phryganopsyche latipennis elongata* (DE Kimmins, 1950) (

~*latipennis* (N Banks, 1906, P ent Soc Wash 7: 107), Phryganea)

*Phryganopsis latipennis elongata* DE Kimmins, 1950

*Phryganopsyche latipennis praecisa* (DE Kimmins, 1950) (

~*latipennis* (N Banks, 1906, P ent Soc Wash 7: 107), Phryganea)

*Phryganopsis latipennis praecisa* DE Kimmins, 1950

*Phryganopsyche latipennis sikkimensis* (DE Kimmins, 1950) (

~*latipennis* (N Banks, 1906, P ent Soc Wash 7: 107), Phryganea)

*Phryganopsis latipennis sikkimensis* DE Kimmins, 1950

*Phryganopsyche latipennis sinensis* F Schmid, 1965 (

~*latipennis* (N Banks, 1906, P ent Soc Wash 7: 107), Phryganea)

*Phryganopsyche wigginsii* TI Arefina-Armitage & BJ Armitage, 2009 : OL (Male and female described originally Holotype--Male; VIETNAM: Lao Cai Province ca 12 km along road from Sapa to Lai Chau, near 6 m wide stream, bamboo/secondary forest, 1,950 m, 22°20'58"N, 103°46'15"E, Malaise trap (fine) head, 1-12 May 1999, Brad Hubley; ROM992012; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Phylloicus* F Mueller, 1880

*Phylloicus abdominalis* (G Ulmer, 1905) : NT (Neotype male designated, male redescribed and female described by AL Prather, 2003, Zootaxa 275: 15-17, f 4, 5, 9, 10, 117

Larva and pupa described by AA Huamantincó, LL Dumas, & JL Nessimian, 2005, Zootaxa 1039: 19-26, f 1-14 Type deposited at Halle "destroyed during or shortly after World War II" according to AL Prather, 2003, Zootaxa 275: 15

Neotype -- male; BRAZIL: Santa Catarina, Itajai, 26°53'00"S, 48°39'00"W, Mueller; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts; designated by AL Prather, 2003, Zootaxa 275: 17 Brazil)

*Homoeoplectron abdominalis* G Ulmer, 1905

*Phylloicus aculeatus* (E Blanchard, 1851) : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 17-19, f 11, 12 Lectotype -- Female; 1843, Gay; deposited in Museum National d'Histoire Naturelle, Paris, France (OS Flint, 1974, *Revista Chilena de Entomologia* 8: 84) Chile)

*Macronema aculeatus* E Blanchard, 1851

Syn.: *Phylloicus distans* L Navas, 1918

*Phylloicus adamsae* AL Prather, 2003 : NT (Male and female described originally Holotype-- Male; PERU: Madre de Dios, Manu Biosphere Res, Pakitza Bio Sta, 01-13-19-99, 11\*56'00"S, 71\*18'00" W, 350 m, 1-x-1987, Pogue; deposited in Museo de Historia Natural "Javier Prado," Lima, Peru Peru)

*Phylloicus aeneus* (HA Hagen, 1861) : NA, NT (Male and female and pupa and larva redescribed as *Phylloicus ornatus* by DE Bowles & OS Flint Jr, 1997, *P Internatn Symp Trich* 8: 53-58, f 1-13)

Life history and case-building behavior as *Phylloicus ornatus* by JC Norwood & KW Stewart, 2002, *Ann Entomol Soc amer* 95(1): 44-56

Effects of flash flooding on life history evolution discussed by DA Lytle, 2002, *Ecology* (Washington D C) 83(2): 370-385

Effects of flood timing on populations reported by DA Lytle, *Southwestern Naturalist* 48(1): 36-42

Female and male redescribed by AL Prather, 2003, *Zootaxa* 275: 21-26, f 1, 6, 15, 16, 118

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Holotype--Female; [MEXICO: Veracruz] Salle, "VC"; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts (AL Prather, 2003, *Zootaxa* 275: 21) Mexico (Veracruz)

*Macronema aeneus* HA Hagen, 1861

Syn.: *Macronema centrale* L Navas, 1924

Syn.: *Notiomyia ornata* N Banks, 1909

*Phylloicus amazonas* AL Prather, 2003 : NT (Male and female described originally Holotype-- Male; VENEZUELA: Amazonas, Cerro de la Neblina, Basecamp 00\*51'N 66\*10'W, 140 m, 10-20.ii.1985, Spangler, Faitoute, and Steiner; deposited in US National Museum of Natural History, Washington, District of Columbia, United States of America Venezuela)

*Phylloicus angustior* G Ulmer, 1905 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 27-29, f 19, 20 Lectotype -- Male; Stieglmayr; deposited in Naturhistorisches Museum, Vienna, Austria (OS Flint, 1966, 11) Brazil)

*Phylloicus auratus* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PERU: Madre de Dios, Manu Biosphere Res, Pakitza Bio Sta, Aquajal, 11\*56'00"S, 71\*18'00" W, 12-ix-1988, Pogue; deposited in Museo de Historia Natural "Javier Prado," Lima, Peru Peru)

*Phylloicus bertioga* AL Prather, 2003 : NT (Male and female described originally Holotype-- Male; BRAZIL: Sao Paulo, Bertioga, 23\*51'00"S, 46\*09'00" W, 5 m, 7-9-x-1996, Becker; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Phylloicus bicarinatus* AL Prather, 2003 : NT (Male and female described originally Holotype-- Male; PERU: Madre de Dios, Manu Biosphere Res, Pakitza Bio Sta, Quebrada Trometero, trail 2, marker 15, 11\*56'39"S, 71\*16'59" W, 350 m, 3-vii-1993, Blahnik et Pescador; deposited in Museo de Historia Natural "Javier Prado," Lima, Peru Peru)

*Phylloicus bidigitatus* AL Prather, 2003 : NT (Male described originally, female unknown Holotype--Male; BRAZIL: Rio de Janiero, Itatiaia, 16-26-x-1927, Zerny; deposited in



Naturhistorisches Museum, Vienna, Austria Brazil)

*Phylloicus blahniki* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; COSTA RICA: Puntarenas, Parque nacional Corcovado, unnamed stream, Piedra el Arco, 08°34'55"N, 83°42'32"W, 20 m, 10-iv-1989, Holzenthal and Blahnik; deposited in University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Phylloicus brevior* N Banks, 1915 : NT (male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 36-38, f 30-31 Holotype--Male; GUYANA: Bartica, Dec, Parish; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (AL Prather, *Zootaxa* 275: 38) Guyana)

*Phylloicus bromeliarum* F Mueller, 1880 : NT (Lectotype--Male (and paralectotype female); BRAZIL: Santa Catarina, Blumenau, 26°56'00"S, 46°03'00"W, Mueller; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (AL Prather, 2003, *Zootaxa* 275: 39) Brazil)

*Phylloicus camargoi* FB Quinteiro & AR Calor, 2011 : NT (Male, female, pupa, and larva described originally Holotype--Male; BRAZIL: Sao Paulo, Ribeirao Preto, Campus USP, Faculdade de Filosofia, Ciencias e Letras de Ribeirao Preto, Departamento de Biologia, 21°10'04"S, 047°51'25"W, 22-vi-2005 (AR Calor); deposited in the Museu de Zoologia da Universidade de Sao Paul, Sao Paul, Brazil Brazil)

*Phylloicus chalybeus* (HA Hagen, 1861) : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Lectotype--Male (and two paralectotypes male); CUBA: 31-12-1864, Tocy?; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (HH Ross, 1952, *Psyche* 59: 34, and AL Prather, 2003, *Zootaxa* 275: 41) Cuba)

*Macronema chalybeus* HA Hagen, 1861

*Phylloicus cordatus* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Amazonas, Cerro de la Neblina, Camp IV, 00°58'00"N, 65°57'00"W, 760 m 15-18-iii-1984, Flint; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Phylloicus cressae* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Lara, Parque Nacional Dinira, Quebrada Las Pinetas, 09°46'19"N, 70°01'45"W, 1889 m, 22-vi-2001, Holzenthal, Blahnik, Paprocki, et Cressa; deposited in University of Minnesota Insect Collection, St Paul Minnesota, United States of America Venezuela)

*Phylloicus cubanus* N Banks, 1924 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 45-46, f 40-42, 108 Holotype--Male; CUBA: 1864, Gundlach; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Cuba)

*Phylloicus elegans* CL Hogue & DG Denning, 1983 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 46-48, f 43-44, 109

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Holotype--Male; PANAMA: 22-24-ii-1967, Akre; deposited in Washington State University Insect Collection, Pullman, Washington, United States of America Panama)

*Phylloicus elektoros* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Amazonas, Cerro de la Neblina, Basecamp, in rainforest, 00°51'N, 66°10'W, 140 m, 19-ii-1985, Spangler, Faitoute, et Steiner; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Phylloicus ephippium* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; ECUADOR: Tungurahua, 13 km E Banos, 1550 m, 15-ix-1990, Flint; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Phylloicus farri* OS Flint, 1968 : NT (Transferred from Murielia by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), *Insecta Mundi* 13(1-2):

Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 51-53, f 49-50 Holotype -- Male; JAMAICA: Saint Andrew Parish, Newcastle, stream at milepost 16.5, 30-vii-1963, Farr et Flint; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Jamaica)

*Phylloicus fenestratus* OS Flint, 1974 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 53-55, f 51-52 Holotype -- Male; SURINAME: Sipaliwini, Nickerie River, Stondansi, 31-i-1971, Geijskes; deposited in Rijksmuseum van Natuurlijke Historie (Naturalis), Leiden, The Netherlands Surinam)

*Phylloicus flinti* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PERU: Madre de Dios, Manu Biosphere Res, Pakitza Bio Sta, trail 1, 1st stream, 11°56'00"S, 71°18'00"W, 250 m, 9-14-ix-1988, Flint and Adams; deposited in Museo de Historia Natural "Javier prado," Lima, Peru Peru)

*Phylloicus hansonii* DG Denning, 1983 : NT (A synonym of *Phylloicus angustior* according to L Botosaneanu & M Alkins-Koo, 1993, *Bull Inst r Sci natr Belg*, Ent 63: 38)

A distinct species, male redescribed and female described by AL Prather, 2003, *Zootaxa* 275, 57-59, f 55-56 Holotype--Male; TRINIDAD: Simla Research Station, 2-15-vi-1981, Hanson et Clemons; deposited at California Academy of Sciences, San Francisco, California (AL Prather, 2003, *Zootaxa* 275: 58) Trinidad)

*Phylloicus holzenthali* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Tachira, Quebrada La Honda, 10 km E La Grita, 08°08'49"N, 71°56'02"W, 2300 m, 23-iv-1995, Holzenthal, Cressa, et Gutic; deposited in University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Venezuela)

*Phylloicus iridescens* N Banks, 1941 : NT (Male described originally

Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 61-62, f 59-60, 111;

Endemic to the Dominican Republic (La Vega, Dajabon, Monsenor Nouel) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 3 Lectotype--Male (one male paralectotype, one female paralectotype); DOMINICAN REPUBLIC: Constanza to V Nuevo, 3000 - 7000 f m, 1-viii-1938, Darlington; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Dominican Republic)

*Phylloicus lituratus* N Banks, 1920 : NT (Food quality, feeding preferences, survival, and growth on *Hura crepitans* leaves reported (as *Phylloicus priapulius* DG Denning & CL Hogue) by MAS Graca, C Cressa, MO Gessner, MJ Feio, KA Callies, C Barrios, 2001, *Freshwater Biology* 46(7): 947-957)

Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 62-65, f 61-62

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 40 Holotype--Male; COLOMBIA: Tolima, Mariquita, 5-ii, Williamson; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Colombia)

Syn.: *Phylloicus priapulius* DG Denning & CL Hogue, 1983

*Phylloicus llaviuco* AL Prather, 2003 : NT (Male described originally Holotype--Male; ECUADOR: Azuay, Rio Llaviuco, 16 km W Quenca, 3010 m, 18-ix-1990, Flint; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Phylloicus maculatus* (N Banks, 1901) : NT (Female redescribed and male described by AL Prather, 2003, *Zootaxa* 275: 66-68, f 64-65 Holotype--Female; MEXICO: Veracruz, Presidio, 19°05'00"N, 96°58'00"W, 1-vi; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Mexico (Veracruz))

*Heteroplectron maculatus* N Banks, 1901

*Phylloicus magnus* N Banks, 1913 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 68-69, f 66-67 Holotype--Male; COLOMBIA: Monte Socorro, 3600 m, Fassl; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Colombia)

*Phylloicus major* F Mueller, 1880 : NT (Male redescribed and female described by AL Prather, 2003, *Zootaxa* 275: 69-71, f 68-69 Lectotype--Male (and one paralectotype adult); BRAZIL: Santa Catarina, Itajai, 26°53'00"S, 48°39'00"W, iv-1879, Mueller; deposited in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Brazil)

Syn.: *Homoeoplectron assimile* G Ulmer, 1905

*Phylloicus mexicanus* (N Banks, 1900) : NA, NT (A synonym of *Phylloicus aeneus* according to

OS Flint, 1967, P United States Mus 123(3619): 17)

Larva described as *Phylloicus aeneus* by GB Wiggins, 1996, Larvae of the North American Caddisfly Genera, 2nd edition, p 224

A distinct species, male redescribed and female described by AL Prather, 2003, Zootaxa 275: 71-73, f 2, 3, 70, 71

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194  
Holotype--Male; MEXICO: Morelos, Cuernavaca, Banks; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Mexico (Morelos))

*Heteroplectron mexicanus* N Banks, 1900

*Phylloicus monticolus* OS Flint, 1968 : NT (Male and female redescribed by AL Prather, 2003, Zootaxa 275: 74-75, f 72-73

Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 53  
Holotype--Male; DOMINICA: 1.6 mi W of Pont Casse, 9-v-1964, Flint; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominica)

*Phylloicus munozi* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, Quebrada Palmitos et Falls, ca 9 km (road) NW tunnel, 09°43'12"N, 83°46'48"W, 1400 m, 1-2-viii-1990, Holzenthal, Blahnik, et Munoz; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Phylloicus nigripennis* (N Banks, 1900) : NT (A synonym of *Phylloicus aeneus* according to OS Flint, 1967, P United States Mus 123(3619): 17

A synonym of *Phylloicus major* according to RW Holzenthal, 1988, Brenesia 29: 53, 71

Female redescribed and male described by AL Prather, 2003, Zootaxa 275: 77-79, f 76, 77

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Holotype--Female; MEXICO: Puebla, Santa Maria, Banks; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Mexico (Puebla))

*Heteroplectron nigripennis* N Banks, 1900

Syn.: *Macronema latum* L Navas, 1924

Syn.: *Notiomyia sagittosa* HH Ross, 1951

*Phylloicus obliquus* L Navas, 1931 : NT (Female redescribed and male described by AL Prather, 2003, Zootaxa 275: 79-80, f 78-79 Holotype -- Female; BRAZIL: Minas Gerais, 1-v-1924, Le Moul; deposited in Deutsches Entomologisches Institut, Eberswalde, Germany Brazil)

*Phylloicus panamensis* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PANAMA: Chiriqui, Guadalupe Arriba, 08°52'26"N, 82°33'13"W, iv-1984, Wolda; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Phylloicus paprockii* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; BRAZIL: Minas Gerais, Aldeia de Cachoeira das Pedras, 20°06'49"S, 44°01'25"W, 925 m, 9-x-2000, Paprocki et Isaac; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Phylloicus passulatus* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Amazonas, Puerto Ayacucho (40 km S) El Tobogan, Cano Coromoto, 24-i-1989, Spangler, Faitoute, et Barr; National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Phylloicus paucartambo* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PERU: Cuzco, Paucartambo to Pilcopata rd, Rio San Pedro at Puente San Pedro,

13°03'18"S, 71°32'47"W, 1445 m, 24-vi-1993, Blahnik and Pescador; deposited in Museo de Historia Natural "Javier Prado," Lima, Peru Peru)  
*Phylloicus perija* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Zulia, Parque Nacional Perija, Rio Negro in Toromo, 10°03'04"N, 72°42'43"W, 360 m, 15-i-1994, Holzenthal, Cressa, et Rincon; deposited in University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Venezuela)  
*Phylloicus pirapo* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PARAGUAY: Itapua, Pirapo, i-1972, Pena G; deposited in National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Paraguay)  
*Phylloicus plaumanni* OS Flint, 1983 : NT (Male redescribed and female described by AL Prather, 2003, Zootaxa 275: 88-90, f 92-93 Holotype--Male; BRAZIL: Santa Catarina, Seara (Nova Teutonia), 25-iv-1963, Plaumann; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)  
*Phylloicus pulchrus* OS Flint, 1964 : NT (Male redescribed and female described by AL Prather, 2003, Zootaxa 275: 90-91, f 94-95, 114;

Reported from the Dominican Republic (Barahona, Dajabon, Elias Pina, El Seibo, Independencia, Lavega, Monte Plata, Pedernales) by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 3 Holotype--Male; PUERTO RICO: Maricao Forest Res, 610 m, 9-13-ii-1961, Gurney; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Puerto Rico)  
*Phylloicus quadridigitatus* AL Prather, 2003 : NT (Male described originally Holotype--Male; BRAZIL: Sao Paulo, Alto da Serra, 29-30-x-1927, Zerny; deposited in Naturhistorisches Museum, Vienna, Austria Brazil)  
*Phylloicus quitacalzon* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; PERU: Madre de Dios, Toma del Agua, Amazonia Lodge, 12°52'13"s, 71°22'34"W, 415 m, 29-vi-1993, Blahnik and Pescador; deposited in Museo de Historia Natural "Javier Prado," Lima, Peru Peru)  
*Phylloicus spectabilis* AV Martynov, 1912 : NT (Male redescribed by AL Prather, 2003, Zootaxa 275: 94-95, f 99 Lectotype -- Male; PERU: Cuzco, Callanga, Staudinger et Bang-Haas; deposited in Academy of Sciences, St Petersburg, Russia Peru)  
*Phylloicus spinulacolis* AL Prather, 2003 : NT (Male and female described originally Holotype--Male; VENEZUELA: Falcon, Rio Ricoa near Dos Bocas, 11°17'19"N, 69°26'04"W, 157 m, 8-vi-2001, Holzenthal, Blahnik, Paprocki, et Cressa; deposited in University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Venezuela)  
*Phylloicus superbus* N Banks, 1938 : NT (Misidentified from Dominican Republic by L Botosaneanu, 1996, Bull de l'Inst R Sci Natur de Belgique, Entomol 66: 21, according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 3

Male redescribed by AL Prather, 2003, Zootaxa 275: 96-97, f 102, 115 Lectotype--Male; CUBA: Oriente, Pico Turquino, N side, 4500-6000 f m, 18-20-vi-1936, Darlington; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Cuba)

*Phylloicus tricalcaratus* (G Ulmer, 1905) : NT (Nomen nudum according to AL Prather, 2003, Zootaxa 275: 97 Holotype -- Male (BRAZIL: Bahia, Freyreiss) was "probably destroyed during or shortly after World War II" (AL Prather, 2003, Zootaxa 275: 97) Brazil)

*Homoeoplectron tricalcaratus* G Ulmer, 1905

*Phylloicus trichothylax* AL Prather, 2003 : NT (Male described originally Holotype--Male; ECUADOR: Cotopaxi, Latacunga, 13 km W, 1372 m, 1-vii-1975, Landley et Cohen; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, SC, United States of America Ecuador)

*Phylloicus yolandae* AL Prather, 2003 : NT (Male described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Holotype--Male; BRAZIL: Parana, Municipio Corbelia, Rio Novo, headwaters, 24°53'53"S, 53°14'54"W, 700 m, 4-7-iv-1998, Holzenthal et Huisman; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Phylocentropus* N Banks, 1907

*Phylocentropus auriceps* (N Banks, 1905) : NA (United States of America)  
*Plectrocnemia auriceps* N Banks, 1905  
Syn.: *Phylocentropus rabilis* LJ Milne, 1936  
*Phylocentropus carolinus* FM Carpenter, 1933 : NA (larva described by SK Sturkie & JC Morse, 1998, *Insecta Mundi* 12(3-4): 176 United States of America)  
*Phylocentropus harrisi* GA Schuster and SW Hamilton, 1984 : NA (United States of America)  
*Phylocentropus lucidus* (HA Hagen, 1861) : NA (larva described by SK Sturkie & JC Morse, 1998, *Insecta Mundi* 12(3-4): 178 United States of America)  
*Polycentropus lucidus* HA Hagen, 1861  
*Phylocentropus narumonae* H Malicky and P Chantaramongkol, 1997 : OL (Thailand)  
*Phylocentropus orientalis* N Banks, 1931 : OL (Malaysia (Peninsular))  
*Phylocentropus placidus* (N Banks, 1905) : NA (larva described by SK Sturkie & JC Morse, 1998, *Insecta Mundi* 12(3-4): 176 United States of America)  
*Holocentropus placidus* N Banks, 1905  
Syn.: *Phylocentropus hansonii*, 1965  
Syn.: *Phylocentropus irroratus* L Navas, 1934  
Syn.: *Phylocentropus maximus* CT Vorhies, 1909  
*Phylocentropus shigae* M Tsuda, 1942 (Japan)  
*Phylocentropus vietnamellus* W Mey, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 30 Vietnam)

*Phylostenax* ME Mosely, 1935

*Phylostenax himalus* ME Mosely, 1935 : OL (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, *Linzer Biol Beitr* 35(2): 906-907, f 2

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by F Schmid, 1975, *Entomol Basiliensia* 1: 77-86, and by H Malicky, 2007, *Linzer Biol Beitr* 39(1): 497 India)

*Phylostenax peniculus* (KH Forsslund, 1935) : OL (China (Gansu))

*Pseudopotamorites peniculus* KH Forsslund, 1935

*Pisulia* G Marlier, 1943

*Pisulia albimaculata* M Stoltze, 1989 : AT (Tanzania)

*Pisulia austrina* JC Morse, 1974 : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 211-218 Republic of South Africa)

*Pisulia gitteae* M Stoltze, 1989 : AT (Tanzania)

*Pisulia glabra* G Marlier, 1943 : AT (Democratic Republic of the Congo)

Syn.: *Pisulia shabae* G Marlier, 1979

*Pisulia hirta* G Marlier, 1953 : AT (Democratic Republic of the Congo)

*Pisulia pinheyi* DE Kimmins, 1957 : AT (Zimbabwe)

*Pisulia stoltzei* KA Johanson & N Mary, 2009 : AT (Male described originally near *Pisulia pinheyi* DE Kimmins Holotype--Male; MADAGASCAR: Comoros Islands, Mayotte Island, Kouale River, affluent foret 1 (DAF-19), 12°47'57.84"S, 45°09'51.77"E, 201 m, 18-v-2006; abdomen mounted in Euparal on microscope slide, rest of body in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France Madagascar (Comoros Islands))

*Platycentropus* G Ulmer, 1905

*Platycentropus amicus* (HA Hagen, 1861) : NA (United States of America)

*Hallesus amicus* HA Hagen, 1861

Syn.: *Platycentropus plectrus* HH Ross, 1938

*Platycentropus indistinctus* (F Walker, 1852) : NA (Canada)

*Limnephilus indistinctus* F Walker, 1852

Syn.: *Hylepsyche fraternus* N Banks, 1943

*Platycentropus radiatus* (T Say, 1824) : NA (Canada)

*Phryganea radiatus* T Say, 1824

Syn.: *Halesus hostis* HA Hagen, 1861

Syn.: *Hallesus maculipennis* F Kolenati, 1859

Syn.: *Limnophilus indicans* F Walker, 1852

*Platycosmoecus* F Schmid, 1964

*Platycosmoecus beaumonti* (F Schmid, 1958) : NT (Chile)

*Beaumontia beaumonti* F Schmid, 1958

*Platyphylax* R McLachlan, 1871

*Platyphylax frauenfeldi* (F Brauer, 1857) (History of occurrence & biological notes provided by H Malicky, 2002, Oeko-L 24(3): 29-34

Field observations, larva, and breeding method described by H Malicky, J Waringer, & A Uherkovich, 2002, Entomologische Nachrichten und Berichte 46(2): 73-80

Reported from southwestern Hungary by S Nogradi & A Uherkovich, 2002, Somogyi Muzeumok Kozlemenyei 15, Supplement Termesztudomány: 129-144 Austria)

*Enoicyla frauenfeldi* F Brauer, 1857

Syn.: *Enoicyla clara* HA Hagen, 1864

Syn.: *Platyphylax kolenatii* F Kolenati, 1859

Syn.: *Platyphylax pallescens* R McLachlan, 1875

*Plectrocnemia* JF Stephens, 1836

*Plectrocnemia abraracourcix* H Malicky, 1979 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

Syn.: *Plectrocnemia hajastanica* W Mey & R Jung, 1986

*Plectrocnemia acanthos* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Plectrocnemia aietes* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Plectrocnemia alicatai* R de Pietro, 1998 (Male redescribed from Italy (Umbria) by F Cianficconi, P Salerno, & B Todini, 2000, Rivista di Idrobiologia 39(1-3): 263-294, figs

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22  
Italy (Sicily))

*Plectrocnemia altera* A Neboiss, 1977 : AU (Australia)

*Plectrocnemia ambaita* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia eber* H Malicky & P Chantaramongkol Holotype--Male; MYANMAR: NE, Kambaita, 7000 ft, 4-9-vi-1934 {R Malaise}; Coll Malaise, BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Thailand)

*Plectrocnemia anaklima* H Malicky, 1995 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Plectrocnemia anaktiga* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Plectrocnemia appennina* R McLachlan, 1884 (Italy)

*Plectrocnemia appensata* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Plectrocnemia arphachad* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Plectrocnemia askenas* H Malicky, 2008 : OL (Male described originally, similar to *Polyplectropus aiolos* H Malicky & P Chantaramongkol Holotype--Male; LAOS: Luang Prabang Province, Khan River, 300 m, 19°53'N, 102°09'E, 21-iv-1999, leg C Holzschuh Laos)

*Plectrocnemia asser* H Malicky, 2008 : OL (Male described originally near *Plectrocnemia divisa*

A Ohkawa & T Ito and *Plectrocnemia plicata* F Schmid and *Plectrocnemia wui* G Ulmer Holotype--Male; LAOS: Hua Phan Province, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Plectrocnemia aurea* G Ulmer, 1905 : OL (India)

*Plectrocnemia australica* N Banks, 1939 : AU (Australia)

*Plectrocnemia babel* H Malicky & W Mey, 2008 : OL (Male described originally near

*Plectrocnemia resa* H Malicky & P Chantaramongkol Holotype--Male; CAMBODIA:

Cardamom Mountains, Tumpor area, 1250 m, 12°22'N, 103°02'E, 27-ii-5-iii-2000, leg M Nuss; deposited in the Zoological Museum, Berlin, Germany Cambodia)

*Plectrocnemia baculifera* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Plectrocnemia banksi* FCJ Fischer, 1962 : OL (Nomen novum for *Plectrocnemia furcata* N Banks, 1920

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 India)

Syn.: *Plectrocnemia furcata* N Banks, 1920

Syn.: *Polycentropus kapchajalaja* F Schmid, 1975

*Plectrocnemia bifurcata* L Tian, 1993 : OL (China (Yunnan))

*Plectrocnemia brevis* R McLachlan, 1871 (Reported from Germany by PJ Neu, 1999, Mitteilungen der Pollichia 86: 151-160

Recorded from The Netherlands in springs, spring-brooks, and pristine streams in mountains and hills by L Botosaneanu, 2004, Entomologische Berichten 64(3): 97-98

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

Syn.: *Plectrocnemia brevis gracilligonopoda* L Botosaneanu, 1960

*Plectrocnemia caudata* A Neboiss, 1977 : AU (Australia)

*Plectrocnemia chinensis* G Ulmer, 1926 : OL (China (Guangdong))

*Plectrocnemia complex* C Hwang, 1958 : OL (China (Fujian))

*Plectrocnemia conjuncta* AV Martynov, 1914 (probably Russia (northwestern))

*Plectrocnemia conspersa* (J Curtis, 1834) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval anal proleg and foreleg illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 64-65

Environmental conditions by S Lillpopp, HW Bohle, A Fiedler, 1998, Lauterbornia 34: 227-238

Insect prey *Leuctra nigra* & *Nemurella pictetii*, predator and prey population dynamics, influence of interactions, model by DC Speirs, WSC Gurney, AG Hildrew, & JH Winterbottom, 2000, J Anim Ecol 69(1): 45-58

Life cycle, diet and habitat in Ovre Heimdalen, Jotunheimen Mountains, Norway, reported by S Reiso & JE Brittain, 2000, Norwegian Journal of Entomology 47(2): 113-124

Gene flow among fragmented larval habitats reported by HR Wilcock, AG Hildrew, RA Nichols, 2001, Molecular Ecology 10(7): 1821-1834

Acute and chronic effects of particle-associated fenvalerate R Schulz, & M Liess, 2001, Archives of Environmental Contamination and Toxicology 40(4): 481-488

DNA microsatellites reported by HR Wilcock, AG Hildrew, RA Nichols, & MW Bruford, 2001,

Molecular Ecology Notes 1(4): 318-319

Probable pheromones in sternum V glands detected by J Bergmann, C Loeffstedt, VD Ivanov, W Francke, 2002, Proc Internatn Symp Trich 10: 37-46

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Reported from Moldova by ES Dyatlova & S Czachorowski, 2007, Braueria 34: 14

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

*Philopotamus conspersa* J Curtis, 1834

Syn.: *Crunophila torrentium* F Kolenati, 1859

Syn.: *Hydropsyche senex* FJ Pictet, 1834

Syn.: *Plectrocnemia atomaria*, 1864

Syn.: *Plectrocnemiella carelica* O Nybom, 1950

*Plectrocnemia conspersa breviscula* R McLachlan, 1884 ( ~conspersa (J Curtis, 1834, Phil Mag 4: 213), Philopotamus)

*Plectrocnemia conspersa indiga* L Navas, 1926 ( ~conspersa (J Curtis, 1834, Phil Mag 4: 213), Philopotamus)

*Plectrocnemia conspersa keftiu* H Malicky, 1974 ( ~conspersa (J Curtis, 1834, Phil Mag 4: 213), Philopotamus)

*Plectrocnemia corna* A Ohkawa & T Ito, 2007 (Male described originally near *Plectrocnemia kusnezovi* AV Martynov Holotype--Male; JAPAN: Shizuoka, shizuoka-shi, Nyujima, Abe-kawa 375 m, 35°13'43"N, 138°20'45"E, 25-ix-1995, light trap, T Hattori; pinned, CBM-ZI-130271; deposited in the natural history collections of Natural History Museum and Institute, Chiba, Japan Japan)

*Plectrocnemia dalat* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia thai* J Olah & KA Johanson Holotype--Male; VIETNAM: Lamdong, Dalat, Monastery Balcony, 16-x-1988, light {J Olah}; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Plectrocnemia dichotoma* BX Wang & LF Yang, 1998 : OL (China (Zhejiang))

*Plectrocnemia distincta* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Plectrocnemia divisa* A Ohkawa & T Ito, 2007 (Male described originally Holotype--Male; JAPAN: Hokkaido, Toyoura-cho, Oroen-nukibetsu-gawa, 42°42'58"N, 140°44'04"E, 30-vii-6-vii-1998, Malaise trap, M Nakajima; CBM-ZI-130255; deposited in the natural history collections of Natural History Museum and Institute, Chiba, Japan Japan)

*Plectrocnemia eber* H Malicky & P Chantaramongkol, 1993 : OL (Distributed in Thailand and Burma, as *Plectrocnemia eber*, according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Thailand)

*Plectrocnemia eccingoma* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Plectrocnemia eximia* A Neboiss, 1982 : AU (Australia)

*Plectrocnemia forcipata* F Schmid, 1965 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 China (Yunnan))

*Plectrocnemia geniculata* R McLachlan, 1871 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36)

Recorded from Surrey, England, by J Denton, 2004, British J Entomol Natr Hist 17(2): 76



Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain, Switzerland)

*Plectrocnemia geniculata almoravida* H Malicky, 1986 (

~*geniculata* R McLachlan, 1871, Ent monthly Mag 8: 145, fig)

*Plectrocnemia geniculata calabrica* H Malicky, 1971 (~*geniculata* R McLachlan, 1871, Ent monthly Mag 8: 145, fig)

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Plectrocnemia geniculata corsicana* ME Mosely, 1930 (

~*geniculata* R McLachlan, 1871, Ent monthly Mag 8: 145, fig)

Diagnostic characters provided by L Botosaneanu & J Giudicelli, 2004, Ann Limnol 41(1): 18

Reported from Tunisia, distributed discussed by K Kumanski, 2007, Braueria 33: 17)

*Plectrocnemia geniculata factiosa* GP Moretti, 1991 (~*geniculata* R McLachlan, 1871, Ent monthly Mag 8: 145, fig)

Occurring in geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81)

*Plectrocnemia geniculata prealpina* L Botosaneanu & J Giucelli, 2004 (

~*geniculata* R McLachlan, 1871, Ent monthly Mag 8: 145, fig)

*Plectrocnemia gryphalis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Plectrocnemia hagar* H Malicky, 2009 : OL (Male described originally near *Plectrocnemia arphachad* H Malicky & P Chantaramongkol, *Plectrocnemia distincta* AV Martynov, *Plectrocnemia forcipata* F Schmid, and *Plectrocnemia yunnanensis* QL Hwang Holotype--Male; VIETNAM: Lao Cai, 12 km along road from Sapa to Lai Chan, 1950 m, 22°21'N, 103°46'E, 29-iv-12-v-1999, leg B Hubley; 992004; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Plectrocnemia hebu* H Malicky, 2009 : OL (Male described originally near *Plectrocnemia varonna* F Schmid Holotype--Male; VIETNAM: Loa Cai, Sapa, large waterfall on road from Sapa to Lai Chau, 8-v-1995, leg DC Currie, B Hubley, & J Swann; 956022; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Plectrocnemia hirayamai* (S Matsumura, 1931) (Transferred from *Arctopsyche* to *Plectrocnemia*, male redescribed near *Plectrocnemia norikurana* M Tsuda and *Plectrocnemia levanidovae* TS Vshivkova, TI Arefina, & JC Morse, distribution in Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 193, 197, f 9, 16 Japan)

*Arctopsyche hirayamai* S Matsumura, 1931

*Plectrocnemia hoenei* F Schmid, 1965 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 China (Zhejiang))

*Plectrocnemia inflata* R McLachlan, 1884 (Portugal)

*Plectrocnemia intermedia* AV Martynov, 1917 (Recorded from Turkey by F Sipahiler, 2001, Braueria 28: 21-23)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Ukraine)

*Plectrocnemia kachin* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia banksi* FCJ Fischer Holotype--Male; MYANMAR: NE, Kambaita, 7000 ft, 4-8-vi-1934 [R Malaise]; Coll Malaise, BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Plectrocnemia kainam* H Malicky, 1993 : OL (Reported from Myanmar by J Olah & KA

Johanson, 2010, Zootaxa 2435: 14 Myanmar)

*Plectrocnemia kalachorum* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Plectrocnemia kamba* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia aietes* H Malicky Holotype--Male; MYANMAR: NE, Kambaiti, 7000 ft, 25-v-1934 [R Malaise]; Coll Malaise, BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Nepal)

*Plectrocnemia kapchajalaja* F Schmid, 1975 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 XXXXX)

*Plectrocnemia kisbelai* L Botosaneanu, 1967 (Reported from Italy by E Bertuetti, O Lodovici, & M Valle, 2004, Braueria 31: 25 Roumania)

*Plectrocnemia kusnezovi* AV Martynov, 1934 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (southern Far East))

*Plectrocnemia kydon* H Malicky, 1974 (Greece (Crete))

Syn.: *Plectrocnemia kydon peninda* H Malicky, 1975

*Plectrocnemia lacuna* A Neboiss, 1977 : AU (Australia)

*Plectrocnemia laetabilis* R McLachlan, 1880 (Larva described by R Vieira-Lanero, MA Gonzalez, and F Cobo, 2003, Ann Limnol - Int J Lim 39(2): 135-139, f 1A-1E

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 119 Pyrenees)

*Plectrocnemia latissima* AV Martynov, 1913 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Georgia)

*Plectrocnemia levanidovae* TS Vshivkova, TI Arefina, and JC Morse, 2003 (Male and female described originally, also from Sakhalin Island

Male redescribed, distribution in Russia and Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 197, 199, f 10, 1 Russia (Kuril Islands))

*Plectrocnemia limosa* F Vaillant, 1967 (Probably a synonym of *Plectrocnemia conspersa* J Curtis, 1834, according to H Malicky, 2005, Linzer biol Beitr 37(1): 553 Alps (Central Massif))

*Plectrocnemia luna* H Malicky & N Changthong, 2005 : OL (Male described originally, near *Plectrocnemia eber* H Malicky & P Chantaramongkol, *Plectrocnemia kainam* H Malicky, and *Plectrocnemia acanthos* W Mey Holotype--Male; THAILAND: Prov Pitsanulok, Pu Hin Rongkla NP, Man Daeng Noi, 16°57'N, 101°03'E, 1600 m, 4-5-vi-2002, leg N Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plectrocnemia maclachlani* ME Mosely, 1953 : AU (New Zealand)

*Plectrocnemia malaisei* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia plicata* F Schmid Holotype--Male; MYANMAR: S Shan States, Road 40 km E of Taunggyi, 13-x-1934 [R Malaise]; Coll Malaise, BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Plectrocnemia manicata* A Neboiss, 1977 : AU (Australia)

*Plectrocnemia martynovae* TS Vshivkova, TI Arefina, and JC Morse, 2003 (male described Russia (Far East, Primorye))

*Plectrocnemia martynovi* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia distincta* AV Martynov Holotype--Male; MYANMAR: Mishmi Hills, Lohit River, iii-1935 [M Stelle]; Brit Mus 1935-312; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Plectrocnemia minima* F Klapalek, 1899 (Hungary)

*Plectrocnemia mojkovacensis* H Malicky, 1982 (Bosnia)

*Plectrocnemia munitalis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Plectrocnemia nagayamai* F Schmid, 1964 (Male redescribed by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 311-312, f 1, 8A-B

Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 17-18

Male redescribed, distribution in Russia and Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 188, 191, f 5, 17 Japan)

*Plectrocnemia navasi* G Ulmer, 1906 : OL (India)

*Plectrocnemia norikurana* M Tsuda, 1942 (Male redescribed, first record for Hokkaido by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 312, f 2, 3, 8C

Male redescribed, distribution in Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 186, f 2, 16 Japan)

*Plectrocnemia obliquofasciata* AV Martynov, 1935 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Plectrocnemia odamiyamensis* A Ohkawa & T Ito, 2007 (Male described originally near *Plectrocnemia wui* (G Ulmer) Holotype--Male; JAPAN: Ehime, Uchiko-cho, Odamiyama, Namakusa-dani 1200 m, 55°00'33"N, 132°33'33"E, 8-16-vii-2000, Malaise trap, E Yamamoto & M Doi; CBM-ZI-130290; deposited in the natural history collections of Natural History Museum and Institute, Chiba, Japan Japan)

*Plectrocnemia okiensis* M Kobayashi, 1987 (Male redescribed, distribution in Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 193, f 7, 16 Japan)

*Plectrocnemia ondakeana* M Tsuda, 1942 (Male redescribed, recorded from Hokkaido by A Ohkawa & T Ito, 1998, Proc Internatn Symp Trich 9: 313, figs

Male redescribed, distribution in Japan provided by A Ohkawa & T Ito, 2007, Limnology 8: 186, 188, f 3, 16 Japan)

*Plectrocnemia plicata* F Schmid, 1959 : OL (China ("Lijiang"))

*Plectrocnemia potchina* ME Mosely, 1942 : OL (China (Fujian))

*Plectrocnemia praestans* R McLachlan, 1884 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Plectrocnemia punjabica* AV Martynov, 1935 : OL (India)

*Plectrocnemia renetta* H Malicky, 1975 (Greece (Ikaria Island))

*Plectrocnemia resa* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Plectrocnemia rizeiensis* F Sipahiler, 1987 (Turkey)

*Plectrocnemia salah* H Malicky, 1993 : OL (Reported from Myanmar by J Olah & KA Johanson, 2010, Zootaxa 2435: 15 Myanmar)

*Plectrocnemia scoparia* A Ohkawa & T Ito, 2007 (Male described originally Holotype--Male; JAPAN: Nagano, Hakuba-mura, Kamishiro, Sano, Oyomi-shitsugen 750 m, 36°37'37"N, 137°50'46"E, 16-ix-2003, light trap, T Hattori; pinned, CBM-ZI-130280; deposited in the natural history collections of Natural History Museum and Institute, Chiba, Japan Japan)

*Plectrocnemia scruposa* R McLachlan, 1880 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Pyrenees)

*Plectrocnemia sinualis* B Wang & L Yang, 1997 (China (Henan))

*Plectrocnemia sinyajevi* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Plectrocnemia sitahoana* H Malicky, 1995 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Plectrocnemia smiljae* M Marinkovic-Gospodnetic, 1966 (Bosnia)

*Plectrocnemia suzukii* A Ohkawa & T Ito, 2007 (Male described originally near *Plectrocnemia plicata* F Schmid and *Plectrocnemia wui* (G Ulmer) Holotype--Male; JAPAN: Shizuoka, Shimizu-cho, Kakida-gawa, 35°06'23"N, 138°53'52"E, 7-20-vii-2002, Malaise trap, T Nozaki; CBM-ZI-130265; deposited in the natural history collections of Natural History Museum and Institute, Chiba, Japan Japan)

*Plectrocnemia taungya* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia punjabica* AV Martynov Holotype--Male; MYANMAR: S Shan States, road 40 km E Taunggyi, 13-x-1934 {R Malaise}; Coll Malaise, BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Plectrocnemia thai* J Olah & KA Johanson, 2010 : OL (Male described originally near *Plectrocnemia sinyajevi* W Mey Holotype--Male; VIETNAM: Moc Chau, 25-x-1986, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Plectrocnemia tochimotoi* F Schmid, 1964 (Male redescribed, distribution in Japan provided by A Ohkawa & T Ito, 2007, *Limnology* 8: 191, f 6, 16 Japan)

*Plectrocnemia torosica* F Sipahiler, 2007 (Male described originally near *Plectrocnemia renetta* H Malicky Holotype--Male; TURKEY: Konya, Hadim, Borini, 1700 m, 36\*58'N, 32\*25'E, 27-vi-2000, leg Sipahiler; deposited in the F Sipahiler Collection, Hacetepe Ueniversitesi, Beytepe, Ankara, Turkey Turkey)

*Plectrocnemia tortosa* N Banks, 1947 : OL (China (Sichuan))

*Plectrocnemia tsukuiensis* (M Kobayashi, 1984) (Transferred from *Kyopsyche* to *Plectrocnemia* by YJ Li, JC Morse, & P Wang, 1998, *P Entomol Soc Washington* 100(4): 665 (reported as "tsukiensis" by *Zool Rec* 135 (13A): 484)

Male redescribed, distribution in Japan provided by A Ohkawa & T Ito, 2007, *Limnology* 8: 193, f 8, 16 Japan)

*Kyopsyche tsukuiensis* M Kobayashi, 1984

*Plectrocnemia tuhuae* JB Ward, 1995 : AU (New Zealand)

*Plectrocnemia uncata* B Wang & L Yang, 1997 (A synonym of *Plectrocnemia tortosa* N Banks, 1947, according to H Zhong, 2007, personal communication China (Henan))

*Plectrocnemia varouna* F Schmid, 1961 : OL (Pakistan)

*Plectrocnemia wui* (G Ulmer, 1932) (Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, *Proc Internatn Symp Trichoptera* 11: 17)

Male redescribed, distribution in Japan, Russia, China, and North Korea provided by A Ohkawa & T Ito, 2007, *Limnology* 8: 188, f 4, 17

Distributed in Japan (Honshu), Russia (Sakhalin, Far East), China, Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255 China (Beijing))

*Polycentropus wui* G Ulmer, 1932

*Plectrocnemia yunnanensis* C Hwang, 1957 : OL (China (Yunnan))

*Plectrocnemiella* ME Mosely, 1934

*Plectromacronema* G Ulmer, 1906

*Plectromacronema comptum* G Ulmer, 1906 : NT (Brazil)

*Plectromacronema lisae* OS Flint, 1983 : NT (Mexico (Chiapas))

*Plectromacronema subfuscum* (N Banks, 1920) : NT (Argentina)

*Podomacronema subfuscum* N Banks, 1920

*Plectropsyche* HH Ross, 1947

*Plectropsyche hoogstraali* HH Ross, 1947 : NA, NT (

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Transferred from *Plectropsyche* to *Cheumatopsyche* in the *Cheumatopsyche pali* Species Group, synonymizing *Plectropsyche* with *Cheumatopsyche*, according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 178

*Plectropsyche* is a valid genus, with this species as type species, according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 925 Mexico (Michoacan))

*Plectrotarsus* F Kolenati, 1848

*Plectrotarsus gravenhorsti* F Kolenati, 1848 : AU (Additional localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 72 Holotype--Male; "Australia occidentali"; deposited in der Naturhistorisches Museum, Vienna, Austria (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 72) Australia)

*Plectrotarsus minor* ME Mosely, 1953 : AU (Australia)

*Plectrotarsus tasmanicus* ME Mosely, 1936 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 72 Holotype--Male; Australia: Tasmania, Mienna, Dec 1930; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 72) Australia (Tasmania))

*Plethus* HA Hagen, 1887

*Plethus acutus* G Ulmer, 1951 : OL (Indonesia (Java))

*Plethus amogawarsa* F Schmid, 1958 : OL (Sri Lanka)

*Plethus baliana* (G Ulmer, 1951) : OL (Indonesia (Bali))

*Plethotrichia baliana* G Ulmer, 1951

*Plethus banchaia* J Olah, 1989 : OL (Male re-illustrated, reported from Vietnam and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1047, pl 35

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Plethus berbulu* A Wells, 1993 : OL (Reported from Indonesia (Bali) and Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1048 Indonesia (Bali))

*Plethus bishopi* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Plethus bodikatuwa* F Schmid, 1958 : OL (Sri Lanka)

*Plethus cilamegha* F Schmid, 1958 : OL (Sri Lanka)

*Plethus cruciatus* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Plethus cursitans* (HA Hagen, 1859) : OL (Sri Lanka)

*Hydroptila cursitans* HA Hagen, 1859

*Plethus kala* F Schmid, 1960 : OL (Pakistan)

*Plethus roreta* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Plethus scaevola* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Plethus tullius* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Boripat Waterfall, 06°59'N, 100°09'E, 200 m, 27-28-iv-1993, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plethus segitiga* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Plethus sigiama* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Plethus tarquinius* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Plethus berbulu* A Wells and *Plethus cruciatus* G Ulmer Holotype--Male; THAILAND: Doi Suthep National Park, Montatan Waterfall, 18°49'N, 098°55'E, 8-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plethus tartaros* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Plethus berbulu* A Wells and *Plethus cruciatus* G Ulmer Holotype--Male; THAILAND: Doi Suthep National Park, Montatan Waterfall, 18°49'N, 098°55'E, 1000 m, 16-17-ii-1997, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plethus teiresias* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Chattrakan, 17°18'N, 100°41'E, 8-10-xii-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plethus toana* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Plethus tullius* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Plethus scaevola* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18°32'N, 098°32'E, 1200 m, 14-21-xi-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Plethrus udawasadenna* F Schmid, 1958 : OL (Sri Lanka)  
*Plethrus ukalegon* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; TAIWAN: Taipei Co, N Shihpei, 24\*54'N, 121\*46'E, 435 m, 7-iv-1996, leg Sivec & Horvat; deposited in the collection of H Malicky, Lunz am See, Austria Taiwan)  
*Plethrus ulixes* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Suthep National Park, Montatan Waterfall, 18\*49'N, 098\*55'E, [elevation not mentioned], 8-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Plethrus uranos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Plethrus banchaia* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Tham Than Lod National Park, 14\*46'N, 099\*20'E, 500 m, 5-iv-1989, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Plethrus vajrabodhi* F Schmid, 1958 : OL (Sri Lanka)

*Pliocaloca* A Neboiss, 1984

*Pliocaloca dasodes* A Neboiss, 1984 : AU (Australia)  
*Pliocaloca fastigiata* A Neboiss, 1984 : AU (Australia)  
*Pliocaloca mucronata* A Neboiss, 1984 : AU (Australia)

*Poecilochorema* F Schmid, 1989

*Poecilochorema anastemum* A Neboiss, 2002 : AU (Holotype--Male; Australia: Tasmania, below Maxwell Ridge, small tributary to Picton River, above Reservoir Lakes, 43\*29'S 146\*44'E, alt 800 m (Mt LaPerouse Area), 15 Feb 1988, A Neboiss; deposited in the Museum of Victoria Collection, Melbourne, Australia (Tasmania))

*Poecilochorema circumvolutum* F Schmid, 1989 : AU (Male re-illustrated, range extensions in Tasmania noted by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 45, f 1I, 1J, 4B Holotype--Male; Australia: Tasmania, Sir John Falls, Cataract Creek, 9 Jan 1977; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 45) Australia (Tasmania))

*Poecilochorema complexum* (S Jacquemart, 1965) : AU (Male re-illustrated, additional localities in Tasmania noted by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 45, f 1F-H, 4B Holotype--Male; Australia: Tasmania, Cradle Mountain, 10 Jan 1923; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 45) Australia (Tasmania))

*Austrochorema complexum* S Jacquemart, 1965

*Poecilochorema crinitum* (A Neboiss, 1977) : AU (Male and female re-illustrated by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 47, f 1D, 2C, 2D, 4C Holotype--Male; Australia: Tasmania, Guide River Falls nr Ridgley, 18 Nov 1972; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 47) Australia (Tasmania))

*Austrochorema crinitum* A Neboiss, 1977

*Poecilochorema evansi* (ME Mosely, 1953) : AU (Male re-illustrated by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 45-47, f 1E, 2A, 2B, 4C Holotype--Male; Australia: Tasmania, without definite locality or date; deposited in the Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 45-47) Australia (Tasmania))

*Anachorema evansi* ME Mosely, 1953

*Poecilochorema lepnevae* (S Jacquemart, 1965) : AU (Male re-illustrated by A Neboiss, 2002, Papers & Proceed R Soc Tasmania 136: 47, f 2E, 2F, 4D Holotype--Male; Australia: tasmania, Cradle Mountain, 27 Jan 1923; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 47) Australia (Tasmania))

*Austrochorema lepnevae* S Jacquemart, 1965

*Poecilopsyche* F Schmid, 1968

*Poecilopsyche arjuna* F Schmid, 1968 : OL (India)  
*Poecilopsyche bagha* F Schmid, 1968 : OL (India)

*Poecilopsyche bhimasena* F Schmid, 1968 : OL (India)  
*Poecilopsyche dhristadyumna* F Schmid, 1968 : OL (India)  
*Poecilopsyche dhritarashtra* F Schmid, 1968 : OL (India)  
*Poecilopsyche draupadi* F Schmid, 1968 : OL (India)  
*Poecilopsyche duhchamana* F Schmid, 1968 : OL (India)  
*Poecilopsyche durhyodhana* F Schmid, 1968 : OL (India)  
*Poecilopsyche gyges* H Malicky & P Chantaramongkol, 2002 : OL (Male described originally  
Holotype--Male; Thailand: Khao Sok National Park, 6-12-1991, leg Schendinger; deposited in the  
H Malicky Collection, Lunz am See, Austria Thailand)  
*Poecilopsyche helle* H Malicky, 2002 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings  
of the International Symposium on Trichoptera 11: 34 Holotype--Male; Vietnam: Tam Dao,  
21\*28'N, 105\*38'E, Hauptbach bei 800 m, 19-5--13-6-1995, leg Malicky; deposited in the H  
Malicky Collection, Lunz am See, Austria Vietnam)  
*Poecilopsyche melanion* H Malicky, 2002 : OL (Male described originally)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20):  
241-264 Holotype--Male; Nepal: 1 km S Godaveri, 27\*35'N, 85\*23'E, 1700 m, 23-25-4-1995, leg  
Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Nepal)  
*Poecilopsyche nakula* F Schmid, 1968 : OL (India)  
*Poecilopsyche nasatya* F Schmid, 1968 : OL (India)  
*Poecilopsyche pandava* F Schmid, 1968 : OL (India)  
*Poecilopsyche pandu* F Schmid, 1968 : OL (India)  
*Poecilopsyche sahadewa* F Schmid, 1968 : OL (India)  
*Poecilopsyche suyodhana* F Schmid, 1968 : OL (India)  
*Poecilopsyche vayu* F Schmid, 1968 : OL (India)  
*Poecilopsyche vidura* F Schmid, 1968 : OL (India)  
*Poecilopsyche yudhishthira* F Schmid, 1968 : OL (India)

*Poeciloptila* F Schmid, 1991

*Poeciloptila atmodad* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally  
Holotype--Male; THAILAND: Lampung Prov, Chaeson National Park, 500 m, 18\*46'N,  
099\*28'E, 25-26-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Poeciloptila atyalpa* F Schmid, 1991 : OL (India)  
*Poeciloptila briatec* (H Malicky & P Chantaramongkol, 1992) : OL (Thailand)  
*Padunia briatec* H Malicky & P Chantaramongkol, 1992  
*Poeciloptila falcata* F Schmid, 1991 : OL (India)  
*Poeciloptila maculata* (L Tian & Y Li, 1986) : OL (China (Yunnan))  
*Mortoniella maculata* L Tian & Y Li, 1986  
*Poeciloptila phyllis* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near  
*Poeciloptila falcata* F Schmid Holotype--Male; THAILAND: Chiangmai Prov, Chiang Dao  
Wildlife Research Centre, 520 m, 19\*21'N, 98\*55'E, 10-14-vi-2003, leg I Sivec & B Horvat;  
deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Polycentropus* J Curtis, 1835

*Polycentropus acinaciformis* SW Hamilton & RW Holzenthal, 2010 : NT (Male described  
originally apparently in the *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group  
Holotype--Male; Brazil: Minas Gerais, Serra do Cipo, Capao da Mata, 19\*19.347'S,  
043\*32.249'W, 1170 m, 13-14-ii-1998, Holzenthal & Paprocki; pinned; UMSP000033119;  
deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)  
*Polycentropus africanus* G Marlier, 1956 : AT (Democratic Republic of the Congo)  
*Polycentropus alabamensis* SW Hamilton, SC Harris, & PK Lago, 1990 : NA (United States of  
America)  
*Polycentropus alatus* OS Flint, 1981 : NT (Mexico (Chiapas))  
*Polycentropus albipunctus* (N Banks, 1930) : NA (Canada)  
*Plectrocnemia albipunctus* N Banks, 1930  
*Polycentropus aliciae* R Barba-Alvarez & J Bueno-Soria, 2005 : NT (Male described originally

near *Polycentropus zanclus* OS Flint Holotype--Male; MEXICO: Veracruz, Rio Jamapa, 5 km NE Coscomatepec, 29-i-1984, J Bueno; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Veracruz)

*Polycentropus altmani* T Yamamoto, 1967 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Panama)

Syn.: *Polyplectropus macrostylus* OS Flint, 1967

*Polycentropus amphirhamphus* SW Hamilton & RW Holzenthal, 2010 : NT (*Polycentropus* new species 8 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 149-150, 244, f 7.1

Male described originally near *Polycentropus rosalsae* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Rio de Janeiro, Nova Friburgo, municipal water supply, 950 m, 20-iv-1977, CM & OS Flint, Jr; in alcohol; UMSP000131231; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus ancistrus* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus froehlichii* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Sao Paulo, Res Casa Grande, Rib Courja, a luz, 26-i-1974, Froehlich; in alcohol; UMSP000131229; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus apsyrtos* H Malicky, 1999 : OL (Thailand)

*Polycentropus aquilonius* AV Martynov, 1926 (Russia(northwestern))

*Polycentropus ariensis* DG Denning & JL Sykora, 1966 : NT (Mexico (Guerrero))

*Polycentropus arizonensis* N Banks, 1905 : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Female described by DE Ruiters & DW Blinn, 2009, Braueria 36: 5, f 21a

Reported from Arizona by Blinn & Ruiters, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Polycentropus armeniacus* AV Martynov, 1934 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Armenia)

*Polycentropus aspinosus* F Schmid, 1964 : NT (Chile)

*Polycentropus aureolus* (N Banks, 1930) : NA (United States of America)

*Plectrocnemia aureolus* N Banks, 1930

*Polycentropus auricollis* DE Kimmins, 1962 : AU (Papua)

*Polycentropus australis* G Ulmer, 1915 : AU (New Guinea)

*Polycentropus aztecus* OS Flint, 1967 : NA, NT (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiters, 2006, Proceedings of the International Symposium on Trichoptera 11: 71 Mexico (Michoacan))

*Polycentropus azulus* OS Flint, 1981 : NT (Mexico (Chiapas))

*Polycentropus barri* HH Ross & T Yamamoto, 1965 : NA (Male described originally near *Polycentropus colei* HH Ross Holotype--Male; UNITED STATES OF AMERICA: Kentucky, Jackson Co, John Rogers Cave, 1.6 miles ESE Hisel, 20 May 1964, TC Barr, in aphotic zone crawling beside stream on silt; deposited in the Illinois Natural History Collection, Urbana, Illinois, United States of America United States of America)



*Polycentropus bartolus* DG Denning, 1962 : NA, NT (Mexico (Baja California))  
*Polycentropus bellus* OS Flint, 1981 : NT (Mexico (Chiapas))  
*Polycentropus biappendiculatus* OS Flint, 1974 : NT (Surinam)  
*Polycentropus blicklei* HH Ross & T Yamamoto, 1965 : NA (Male described originally in the *Polycentropus maculatus* Group near *Polycentropus elarus* HH Ross and *Polycentropus maculatus* N Banks Holotype--Male; UNITED STATES OF AMERICA: New Hampshire, Plymouth, 6 August 1947, RL Blickle and WJ Morse; deposited in the Illinois Natural History Collection, Urbana, Illinois, United States of America United States of America)  
*Polycentropus bonus* OS Flint, 1981 : NT (Belize)  
*Polycentropus boraceia* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 7 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 93-94, 210, f 6.10

Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus galharada* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Sao Paulo, Estacao Biologica Boraceia, Riberao Coruja, 02-iv-1977, CM & OS Flint, Jr; pinned; UMSP000136631; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus brongus* DG Gibbs, 1973 : AT (Ghana)  
*Polycentropus caeete* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus carolae* SW Hamilton & RW Holzenthal and *Polycentropus itatiaia* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Santa Catarina, Parque Ecologica Spitzkopf, Rio Caete above 1st falls, 27°00.35'S, 049°06.70'W, 170 m, 26-xi-2003, Holzenthal, Paprocki, Calor; pinned; UMSP000120814; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus cachoeira* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus tripui* SW Hamilton & RW Holzenthal and *Polycentropus inusitatus* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Santa Catarina, Urubici, Cachoeira Avenal, 28°02.839'S, 049°36.997'W, 1260 m, 06-iii-1998, Holzenthal, Froehlich, Paprocki; pinned; UMSP000033106; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus carioca* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group Holotype--Male; Brazil: Rio de Janeiro, Parque Nacional da Serra dos Orgaos, Rio Beija-flor, 22°27.063'S, 043°00.065'W, 1125 m, 27-ii-2002, Holzenthal, Blahnik, Paprocki, Prather; pinned; UMSP000136602; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus carlsoni* JC Morse, 1971 : NA (United States of America)  
*Polycentropus carolae* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 3 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 87-88, 200, f 6.6

Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus minero* SW Hamilton & RW Holzenthal and *Polycentropus caeete* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Rio de Janeiro, km 54, 26 km E Nova Friburgo, 410 m, 19-iv-1977, CM & OS Flint, Jr; pinned; UMSP000136621; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus carolinensis* N Banks, 1905 : NA (United States of America)

*Polycentropus casicus* DG Denning, 1966 : NA, NT (Mexico (Durango))

*Polycentropus ceciliae* OS Flint, 1991 : NT (Colombia)

*Polycentropus centralis* N Banks, 1914 : NA (United States of America)

*Polycentropus chelatus* HH Ross & T Yamamoto, 1965 : NA (Male described originally in the *Polycentropus maculatus* Group near *Polycentropus neiswanderi* HH Ross Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Decatur Co, Sugar Tree, along Kentucky Lake, tributary of Morgan Creek, 5 May 1958, Ross et al, adult dissected from pupal skin; deposited in the Illinois Natural History Collection, Urbana, Illinois, United States of America United States of America)

*Polycentropus cheliceratus* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 2 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 86-87, 199, f 6.5

Male described originally in the Polycentropus aguyje Cluster, Polycentropus jorgenseni Complex, Polycentropus gertschi Group near Polycentropus minero SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Rio de Janeiro, km 17, 18 km S of Teresopolis, 1180 m, 18-19-iv-1977, CM & OS Flint, Jr; pinned; UMSP000136614; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus chellus* DG Denning, 1964 : NA (United States of America)

*Polycentropus chenoides* HH Ross & T Yamamoto, 1965 : NA (Male described originally in the Polycentropus maculatus Group near Polycentropus maculatus N Banks Holotype--Male; UNITED STATES OF AMERICA: New York, Long Island, Oriente, 13 May 1947, no 26341, Roy Lathan; deposited in the Illinois Natural History Collection, Urbana, Illinois, United States of America United States of America)

*Polycentropus chilensis* T Yamamoto, 1966 : NT (Chile)

*Polycentropus cianficconiae* R De Pietro, 2000 (

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; ITALY: Sicily, Peloritani Mountains, Fiumara di San Filippo, 690 m, Misitano -

July 4, 1997, leg. and coll. R. De Pietro; deposited in the collection of Renato De Pietro

Universit  di Catania, Catania, Italy Italy (Sicily))

*Polycentropus cinereus* HA Hagen, 1861 : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 Canada)

Syn.: *Holocentropus flavicornis* N Banks, 1907

Syn.: *Plectrocnemia lutea* C Betten, 1934

Syn.: *Plectrocnemia pallescens* N Banks, 1930

Syn.: *Polycentropus canadensis* N Banks, 1897

*Polycentropus cipoensis* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 6 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 91-93, 203, f 6.9

Male described originally in the Polycentropus jorgenseni Complex, Polycentropus gertschi Group Holotype--Male; Brazil: Minas Gerais, Serra do Cipo, caminho da usina, 07-vii-1974, Froehlich, Shimizu, Carvalho; in alcohol; UMSP000131243; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus clarus* OS Flint, 1981 : NT (Mexico (Veracruz))

*Polycentropus clinei* (LJ Milne, 1936) : NA (United States of America)

*Plectrocnemia clinei* LJ Milne, 1936

*Polycentropus colei* HH Ross, 1941 : NA (First record for South Carolina, United States of America, by MA Floyd, JC Morse, & SC Harris, 1998("1997"), J Elisha Mitchell Sci Sco 113(3): 133-142 United States of America)

*Polycentropus confusus* HA Hagen, 1861 : NA (United States of America)

*Polycentropus connatus* OS Flint, 1981 : NT (Venezuela)

*Polycentropus corniger* R McLachlan, 1884 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2003, Spixiana 26(3): 243-247, f 1, 3-4 Portugal, France)

*Polycentropus corsicus* ME Mosely, 1931 (Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Polycentropus costaricensis* OS Flint, 1967 : NT (Costa Rica)

*Polycentropus crassicornis* F Walker, 1852 : NA (United States of America)

Syn.: *Plectrocnemia adironica* N Banks, 1914

Syn.: *Plectrocnemia australis* N Banks, 1907

Syn.: *Polycentropus confusus* HA Hagen, 1861

*Polycentropus cressae* SW Hamilton & RW Holzenthal, 2005 : NT (Male described originally in the Polycentropus gertschi Group near Polycentropus aztecus OS Flint, Polycentropus gertschi DG Denning, and Polycentropus neblinensis SW Hamilton & RW Holzenthal Holotype--Male; VENEZUELA: Falcon, P[arque] N[acional], Sierra de San Luis, Rio Negro, 11\*11.750'N,

69°41.454'W, el 1371 m, 8-9-vi-2001, Holzenthal, Blahnik, Paprocki, Cressa; UMSP000074848; deposited in the Insect Collection of the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Polycentropus criollo* L Botosaneanu, 1980 : NT (Cuba)

*Polycentropus cuspidatus* OS Flint, 1981 : NT (Ecuador)

*Polycentropus denningi* SD Smith, 1962 : NA (United States of America)

*Polycentropus dentoides* T Yamamoto, 1967 : NT (Male described originally in the *Polycentropus gertschi* Group Holotype--Male; PANAMA: Canal Zone, Goofy Lake, 14 June 1955, at light trap, RM Altman; deposited in the collection of the Illinois Natural History Survey, Urbana, Illinois, United States of America Panama)

*Polycentropus devetaki* C Krusnik & H Malicky, 1992 (Bosnia)

*Polycentropus diana* R Barba-Alvarez & J Bueno-Soria, 2005 : NA (Male described originally near *Polycentropus aztecus* OS Flint Holotype--Male; MEXICO: Nuevo Leon, Mpio Zaragoza, El Salto, 9-xi-1995, R Barba; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Nuevo Leon))

*Polycentropus digitus* T Yamamoto, 1967 : NT (Panama)

*Polycentropus divergens* ME Mosely, 1930 (Male redescribed, female described from Italy (Sicily) by R De Pietro, 2000, Aquatic Insects 22(4): 250-258, f 1E, 2C-H, 3C-E, 4D-I, 5C-H, 6B, 7B, 8C-H, 9B, 10B)

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica)

*Polycentropus djaman* AV Martynov, 1927 : PA (Cited from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 552 Lectotype not selected Kazakhstan, Uzbekistan)

*Polycentropus domingensis* N Banks, 1941 : NT (Male described originally)

Known distribution in Dominican Republic (La Vega, Peravia) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 54 Lectotype--Male; DOMINICAN REPUBLIC: La Vega Province, Loma Rucilla, 8-10,000 ft [2440-3050 m], June 1938, Darlington; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint, 1967, Proc US Natn Mus 123(3619): 6, f 21) Dominican Republic)

*Polycentropus doronca* DG Denning & JL Sykora, 1966 : NT (Mexico (Veracruz))

*Polycentropus drahamensis* H Malicky, 1982 (Tunisia)

*Polycentropus elarus* HH Ross, 1944 : NA (United States of America)

*Polycentropus elegans* K Kumanski, 1979 : AU (Papua New Guinea)

*Polycentropus encera* DG Denning, 1968 : NT (Mexico (Veracruz))

*Polycentropus excisus* F Klapalek, 1894 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Bulgaria)

*Polycentropus exsertus* OS Flint, 1981 : NT (Ecuador)

*Polycentropus fasthi* RW Holzenthal & SW Hamilton, 1988 : NT (Costa Rica)

*Polycentropus flavomaculatus* (FJ Pictet, 1834) : PA (Cited as a senior synonym of *Phryganea atomaria* by FCJ Fischer, 1962, Trich Cat 3: 82;

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Sex chromosome system by F Marec & K Novak, 1998, European J Entomol 95(2): 197-209;

Trophic structure, interactions with Pisces and Diptera in Swedish streams by G Englund & D Evander, 1999, Oikos 85(1): 117-126

Life cycle, diet and habitat in Ovre Heimdalen, Jotunheimen Mountains, Norway, reported by S Reiso & JE Brittain, 2000, Norwegian Journal of Entomology 47(2): 113-124

- Fossils described by JO Solem and HH Birks, 2002, Proc Internatn Symp Trich 10: 75-80
- Polymorphic microsatellite loci isolated and characterized in United Kingdom by DA Dawson & HR Wilcock, 2002, Molecular Ecology Notes 2(4): 514-517
- Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178
- Degree of intolerance score (DIS) of 6.92 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521
- Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147
- Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, Lauterbornia 56: 155-167
- Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13
- Reported from Siberia (Altai Mountains) (previously known in Siberia from West Siberian Plains, Sajan Mountains, Baikal area, and Chukotka Peninsula) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31
- Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168
- Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69
- Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 (Switzerland)
- Hydropsyche flavomaculatus* FJ Pictet, 1834  
 Syn.: *Hydropsyche brevicollis* FJ Pictet, 1834  
 Syn.: *Hydropsyche vitreus* FJ Pictet, 1834  
 Syn.: *Phryganea atomaria* F von Paula Schrank, 1802  
 Syn.: *Plectrocnemia irrorata* F Brauer, 1857  
 Syn.: *Polycentropus concinnus* JF Stephens, 1836  
 Syn.: *Polycentropus fuliginosus* JF Stephens, 1836  
 Syn.: *Polycentropus multiguttatus* J Curtis, 1835  
 Syn.: *Polycentropus pyrrhoceras* JF Stephens, 1836  
 Syn.: *Polycentropus subpunctatus* JF Stephens, 1836  
 Syn.: *Polycentropus trimaculatus* JF Stephens, 1836
- Polycentropus flavomaculatus auriculatus* AV Martynov, 1926 (Cited as a subspecies of *Polycentropus flavomaculatus* (FJ Pictet, 1834, Rech Phryg, p 126, 220-221, pl 19 f 2 a-e) by H Malicky, 2005, Linzer biol Beitr 37(1): 552)
- Polycentropus flavomaculatus hebraeus* L Botosaneanu & A Gasith, 1971 (Cited as a subspecies of *Polycentropus flavomaculatus* (FJ Pictet, 1834, Rech Phryg, p 126, 220-221, pl 19 f 2 a-e) by H Malicky, 2005, Linzer biol Beitr 37(1): 552)
- Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39)
- Polycentropus flavostictus* HA Hagen, 1865 (Diagnostic characters by H Malicky, 1999, Braueria 26: 44 Portugal (Madeira))
- Polycentropus flavus* (N Banks, 1908) : NA (Canada)  
*Holocentropus flavus* N Banks, 1908
- Polycentropus floridensis* PK Lago & SC Harris, 1983 : NA (United States of America)
- Polycentropus fluminensis* SW Hamilton & RW Holzenthal, 2010 : NT (*Polycentropus* new species 1 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 85-86, 198, f 6.4)
- Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group Holotype--Male; Brazil: Rio de Janeiro, km 17, 18 km S of Teresopolis, 1180 m, 18-19-iv-1977, CM & OS Flint, Jr; pinned; UMSP000136606; deposited

in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus fortispinus* RW Holzenthal & SW Hamilton, 1988 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Costa Rica)

*Polycentropus fortuneus* OS Flint, 1981 : NT (Panama)

*Polycentropus francavillensis* H Malicky, 1981 (Endemic to geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sicily))

*Polycentropus froehlichii* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus galharada* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Santa Catarina, Morro de Igreja, Cachoeira Veu da Noiva, 28°04.595'S, 049°31.090'W, 1300 m, 5-iii-1998, Holzenthal, Froehlich, Paprocki; pinned; UMSP000033101; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus galharada* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus boraceia* SW Hamilton & RW Holzenthal, *Polycentropus froehlichii* SW Hamilton & RW Holzenthal, *Polycentropus ancistrus* SW Hamilton & RW Holzenthal, and *Polycentropus graciosa* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Parque Estadual de Campos do Jordao, Rio Galharada, 22°41.662'S, 045°27.783'W, 1530 m, 22-i-1998, Holzenthal, Froehlich, Paprocki; pinned; UMSP000033083; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus garfio* ML Chamorro-Lacayo, 2003 : NT (Male described originally Holotype--Male; Costa Rica: Alajuela, Rio Agrio, ca 3.5 km NE Bajos del Toro, 10-243°N, 84-279°W, el 1290 m, 20-viii-1990, Holzenthal et al (UMSP000049376); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Polycentropus gertschi* DG Denning, 1950 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Female described by DE Ruitter & DW Blinn, 2009, Braueria 36: 5, f 22a United States of America)

*Polycentropus giovannae* R Barba-Alvarez & J Bueno-Soria, 2005 : NT (Male described originally near *Polycentropus encera* DG Denning & JL Sykora Holotype--Male; MEXICO: Oaxaca, route 175, La Esperanza ca Calle Nacional, 18-iv-1983, A Ibarra and M Garcia; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Oaxaca))

*Polycentropus glacialis* (HH Ross, 1938) : NA (United States of America)

*Holocentropus glacialis* HH Ross, 1938

*Polycentropus graciosa* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus urubici* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus boraceia* SW Hamilton & RW Holzenthal, *Polycentropus galharada* SW Hamilton & RW Holzenthal, *Polycentropus froehlichii* SW Hamilton & RW Holzenthal, and *Polycentropus ancistrus* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Parana, Rio Cascata, Graciosa, road to Morretes, 25°20.214'S, 048°53.971'W, 750 m, 10-i-1998, Holzenthal, Melo, Almeida; pinned; UMSP000033088; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus grandis* DE Kimmins, 1962 : AU (Papua)

*Polycentropus grellus* (LJ Milne, 1936) : NA (United States of America)

*Holocentropus grellus* LJ Milne, 1936

*Polycentropus guatemalensis* OS Flint, 1967 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Guatemala)

*Polycentropus halidus* LJ Milne, 1936 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337)

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Polycentropus hamiferus* OS Flint, 1981 : NT (El Salvador)

*Polycentropus hamiltoni* ML Chamorro-Lacayo, 2003 : NT (Male described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Holotype--Male; Nicaragua: Jinotega, Cerro Mazu, 14°22'N, 85°07'W, el 220 m, 7-10-ix-1997, JM Maes and B Hernandez (UMSP000066734); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

*Polycentropus harpi* SR Moulton & KW Stewart, 1993 : NA (United States of America)

*Polycentropus holzenthali* J Bueno-Soria & SW Hamilton, 1986 : NT (Male redescribed by ML Chamorro-Lacayo, 2003, Proc Entomol Soc Washington 105(2): 497, f 8

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Mexico (Chiapas))

*Polycentropus ibarrai* R Barba-Alvarez & J Bueno-Soria, 2005 : NT (Male described originally near *Polycentropus mixteco* R Barba-Alvarez & J Bueno-Soria Holotype--Male; MEXICO: Hidalgo, Hixtlahuaco, Hotel Campestre Conchita, 29°53.025'N, 98°42.140W, el 1,400 m, 25-xi-1998, E Barrera and A Ibarra; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Distrito Federal, Mexico Mexico (Hidalgo))

*Polycentropus ichnusa* H Malicky, 1974 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Polycentropus iculus* HH Ross, 1941 : NA (Canada)

*Polycentropus ierapetra* H Malicky, 1972 (Male redescribed by H Malicky, 1998, Entomol Z 108(8): f 1A-D Greece)

*Polycentropus ierapetra adana* F Sipahiler, 1996 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 2A-D])

*Polycentropus ierapetra anatolica* F Sipahiler, 1989 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 2A-D])

*Polycentropus ierapetra baroukus* L Botosaneanu & A Dia, 1983 (described originally as a species

(as subspecies F Sipahiler 1996 Entomofauna 17(16): 300)

~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 2A-D])

*Polycentropus ierapetra dirfis* H Malicky, 1974 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 1A-D])

*Polycentropus ierapetra ikaria* H Malicky, 1974 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 2A-D])

*Polycentropus ierapetra kalliope* H Malicky, 1976 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

[male redescribed by H Malicky, 1998, Entomol Z 108(8): f 1A-D])

*Polycentropus ierapetra septentrionalis* K Kumanski, 1986 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs

Male redescribed by H Malicky, 1998, Entomol Z 108(8): f 1A-D

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39)

*Polycentropus ierapetra slovenica* H Malicky, 1998 (~ierapetra H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs)

*Polycentropus insularis* N Banks, 1938 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 51 Grenada)

*Polycentropus interruptus* (N Banks, 1914) : NA (United States of America)

*Holocentropus interruptus* N Banks, 1914

Syn.: *Holocentropus longus* N Banks, 1914

Syn.: *Holocentropus orotus* N Banks, 1914

*Polycentropus intricatus* KJ Morton, 1910 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2003, Spixiana 26(3): 243-247, f 2, 5-6

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 France)

Syn.: *Polycentropus almanzor* F Schmid, 1952

*Polycentropus inusitatus* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 9 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 140-142, 239, f 6.45

Male described originally in the *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus cachoeira* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Rio de Janeiro, Brejo da Lapa, Itatiaia, Coll Museum Nacional, RJ, [no date]; pinned; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus irroratus* (J Curtis, 1835) (Synonym of *Polycentropus flavomaculatus* (FJ Pictet, 1834) according to FCJ Fischer, 1962, Trich Cat 3: 81

Revived as distinct species by A Neboiss, 1963, Beitr Entomol 13(5/6): 604-605, f 15-16

*Polycentropus multiguttatus* sensu R McLachlan nec J Curtiss is *Polycentropus irroratus* (J Curtis) according to A Neboiss, 1963, Beitr Entomol 13(5/6): XX?

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Considered possibly to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Philopotamus irroratus* J Curtis, 1835

*Polycentropus itatiaia* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus aguyje* SW Hamilton & RW Holzenthal and *Polycentropus santateresae* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Rio de Janeiro, Parque Nacional do Itatiaia, trib to Rio Taquaral, 22°26.688'S, 044°36.464'W, 1320 m, 06-iii-2002, Holzenthal, Blahnik, Prather; pinned; UMSP000136573; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus jamaicensis* OS Flint, 1968 : NT (Jamaica)

*Polycentropus jeldesi* OS Flint, 1976 : NT (Male described originally

Female described as *Polycentropus* species 2 by OS Flint, 1976, Proc Biol Soc Washington 89:

239, f 19 (OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 54)

Female described as *Polycentropus* "sp A" by L Botosaneanu, 1996, Bull de l'Inst R des Sci Natur de Belgique, Entomol 66: 15, f 29-30 (OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 54)

Known distribution in Dominican Republic (Elias Pina, Independencia, La Vega, Monsenor Nouel, Peravia) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 54 Holotype-Male; DOMINICAN REPUBLIC: La Vega, Convento, 12 km S of Constanza, 6-13 June 1969, Flint & Gomez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Polycentropus jenula* DG Denning, 1966 : NA (United States of America)

*Polycentropus joergenseni* G Ulmer, 1909 : NT ([descriptions of larva, pupa, adult genitalia by AC Valverde, 1996, Rev Brasileira Entomol 40(1): 66] Argentina)

Syn.: *Polycentropus anomalus* L Navas, 1923

Syn.: *Polycentropus colombiensis* N Banks, 1910

*Polycentropus kenampi* (K Korboot, 1964) : AU (New Guinea)

*Austreconomina kenampi* K Korboot, 1964

Syn.: *Polycentropus drummondi* J Illies, 1969

*Polycentropus kingi* R McLachlan, 1881 (Degree of intolerance score (DIS) of 6.01 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521 Scotland, Portugal)

*Polycentropus lepidius* L Navas, 1920 : OL (China (Jiangsu))

*Polycentropus lingulatus* OS Flint, 1981 : NT (Panama)

*Polycentropus longispinosus* F Schmid, 1958 : NT (Bolivia)

*Polycentropus maculatus* N Banks, 1908 : NA (Canada)

*Polycentropus malickyi* GP Moretti, 1981 (Female described from Italy (Sicily) by R De Pietro, 2000, Aquatic Insects 22(4): 252-258, f 6C, 7C, 8I-M, 9C)

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Polycentropus marcanoi* OS Flint, 1976 : NT (Male and female described originally)

Known distribution in Dominican Republic (Dajabon, El Seibo, Elias Pina, La Vega, Puerto Plata, San Juan) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 54 Dominican Republic)

*Polycentropus masi* L Navas, 1916 (Probably a synonym of *Polycentropus kingi* R McLachlan, 1881, Ent monthly Mag 17: 254-255, f 1-2 according to H Malicky, 2005, Linzer biol Beitr 37(1): 552 Spain)

*Polycentropus mathisi* SW Hamilton, 1986 : NT (Cuba)

*Polycentropus mayanus* OS Flint, 1981 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Mexico (Chiapas))

*Polycentropus mazdacus* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168)

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Iran)

*Polycentropus melanae* (HH Ross, 1938) : NA (United States of America)

*Holocentropus melanae* HH Ross, 1938

*Polycentropus meridiensis* OS Flint, 1981 : NT (Venezuela)

*Polycentropus metirensis* H Malicky, 1982 (Tunisia)

*Polycentropus mexicanus* (N Banks, 1901) : NT (Mexico (Distrito Federal))

*Hydropsyche mexicanus* N Banks, 1901

*Polycentropus milaca* DA Etnier, 1968 : NA (Recollected, rare in Minnesota by DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 United States of America)

*Polycentropus milikuri* H Malicky, 1975 (Described originally as a species)

Reduced to subspecies of *Polycentropus ierapetra* H Malicky, 1972, Mitteilungen ent Ges Basel 22: 32, figs by H Malicky, 1998, Ent Z 108: XX?



Cited as a distinct species by H Malicky, 2005, Linzer biol Beitr 37(1): 552 Cyprus)  
*Polycentropus minero* SW Hamilton & RW Holzenthal, 2010 : NT (Polycentropus new species 5  
SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 90-91,  
202, f 6.8

Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni*  
Complex, *Polycentropus gertschi* Group near *Polycentropus cheliceratus* SW Hamilton & RW  
Holzenthal Holotype--Male; Brazil: Minas Gerais, Serra do Cipo, Rio Capivara, 06-vii-1974,  
Froehlich, Shimizu et al; pinned; deposited in the United States National Museum of Natural  
History, Smithsonian Institution, Washington, District of Columbia, United States of America  
Brazil)

*Polycentropus mixteco* R Barba-Alvarez & J Bueno-Soria, 2005 : NT (Male described originally  
near *Polycentropus ibarra* R Barba-Alvarez & J Bueno-Soria Holotype--Male; MEXICO:  
Oaxaca, La Esperanza, route 175, ca Valle Nacional, 18-iv-1983, A Ibarra and M Garcia;  
deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico,  
Mexico City, Distrito Federal, Mexico Mexico (Oaxaca))

*Polycentropus morettii* H Malicky, 1977 (Endemic to geographic Italy according to F Cianficconi,  
C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera  
12: 18-22

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International  
Symposium on Trichoptera 12: 75-81 Italy)

*Polycentropus mortoni* ME Mosely, 1930 (Female redescribed from Italy (Sicily) by R De Pietro,  
2000, Aquatic Insects 22(4): 255-258, f 6D, 7D, 8N-S, 9D, 10C

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007,  
Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Polycentropus moselyi* DE Kimmins, 1962 : AU (Papua)

*Polycentropus mounthageni* K Kumanski, 1979 : AU (Papua New Guinea)

*Polycentropus nascotius* HH Ross, 1941 : NA (Canada)

*Polycentropus neblinensis* SW Hamilton & RW Holzenthal, 2005 : NT (Described as  
*Polycentropus* new species 11 by SW Hamilton, 1986, PhD dissertation, Clemson University p  
130-131, 231, f 6.37

Male described originally in the *Polycentropus gertschi* Group near *Polycentropus aztecus* OS  
Flint and *Polycentropus gertschi* DG Denning Holotype--Male; VENEZUELA: Amazonas, Cerro  
de la Neblina, Camp H, 00°49'N, 65°59'W, el 2100 m, 16-18-iii-1984, JA Louton; deposited in the  
United States National Museum of Natural History, Smithsonian Institution, Washington,  
District of Columbia, United States of America Venezuela)

*Polycentropus nebulosus* RW Holzenthal & SW Hamilton, 1988 : NT (Costa Rica)

*Polycentropus neiswanderi* HH Ross, 1947 : NA (United States of America)

*Polycentropus nigriceps* N Banks, 1938 : NT (Cuba)

Syn.: *Polycentropus rosarius* JM Kingsolver, 1964

*Polycentropus nigrospinus* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Polycentropus obtusus* (F Schmid, 1955) : NT (Chile)

*Placocentropus obtusus* F Schmid, 1955

*Polycentropus palmitus* OS Flint, 1967 : NA (Mexico (Sinaloa))

*Polycentropus paprockii* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in  
the *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group with some similarity to  
species of the *Polycentropus urubici* Cluster Holotype--Male; Brazil: Rio de Janeiro, Brejo da  
Lapa, Itatiaia, Coll Museum Nacional, RJ, [no date]; pinned; deposited in the United States  
National Museum of Natural History, Smithsonian Institution, Washington, District of  
Columbia, United States of America Brazil)

*Polycentropus pedernales* OS Flint & JL Sykora, 2004 : NT (Male and female described  
originally, near *Polycentropus marcanoi* OS Flint, from the Dominican Republic (Pedernales,  
Barahona) Holotype--Male; DOMINICAN REPUBLIC: Pedernales Province, along Rio Mulito,  
13 km N Pedernales, 18°09'N, 71°46'W, 230 m, 17 July 1992, riparian woodland, J Rawlins, S

Thompson, C Young, R Davidson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Polycentropus pentus* HH Ross, 1941 : NA (Canada)

*Polycentropus phraterus* ML Chamorro-Lacayo, 2003 : NT (Male described originally Holotype--Male; Costa Rica: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito and tributaries, 10-216\*N, 84-606\*W, el 980 m, 6-10-iii-1991, Holzenthal, Munoz, Huisman (UMSP000049471); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Polycentropus picana* HH Ross, 1947 : NA, NT (

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 Mexico (Tamaulipas))

*Polycentropus piceus* DE Kimmins, 1962 : AU (Papua)

*Polycentropus pirisinui* H Malicky, 1981 (Female described and Italian distribution updated by F Cianficconi & P Salerno, 2003, Braueria 30: 28-29, f 1-4

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Polycentropus pixi* HH Ross, 1944 : NA (United States of America)

*Polycentropus quadriappendiculatus* F Schmid, 1964 : NT (Chile)

*Polycentropus quadricrepidis* SW Hamilton & RW Holzenthal, 2005 : NT (Male described originally in the *Polycentropus gertschi* Group, *Polycentropus joergenseni* Complex near *Polycentropus joergenseni* G Ulmer and *Polycentropus longispinosus* F Schmid Holotype--Male; ECUADOR: Zamora-Chinchi, 30 km E Loja, el 2000 m, 23 Sept 1990, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Polycentropus quadrispinosus* F Schmid, 1964 : NT (Chile)

*Polycentropus radaukles* H Malicky, 1977 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Polycentropus remotus* N Banks, 1911 : NA (Canada)

*Polycentropus rickeri* T Yamamoto, 1966 : NA (United States of America)

*Polycentropus rosalyseae* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally near *Polycentropus amphirhamphus* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Sao Paulo, Parque Estadual de Campos do Jordao, Rio Galharada, 22\*41.662'S, 045\*27.783'W, 1530 m, 4-5-iii-1996, Holzenthal & Guahyba; pinned; UMSP000035686; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus rosselinus* L Nava, 1924 : AU (Rossel Island)

*Polycentropus sabulosus* JW Leonard & FA Leonard, 1949 : NA (United States of America)

*Polycentropus santateresae* SW Hamilton & RW Holzenthal, 2010 : NT (*Polycentropus* new species 4 SW Hamilton, 1986, PhD dissertation, Clemson University, Clemson, South Carolina, pp 89-90, 201, f 6.7

Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus aguyje* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Espirito Santo, 15 km SE Santa Teresa, Fazenda Santa Clara, 460 m, 22-iv-1977, CM & OS Flint, Jr; pinned; UMSP000136628; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Brazil)

*Polycentropus sarandi* EB Angrisano, 1994 : NT (Uruguay)

*Polycentropus schmidi* K Novak & L Botosaneanu, 1965 (Reported from France by G Coppa, 2004("2002"), Ephemera 4(1): 11-13

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Slovakia)

*Polycentropus segregatus* W Mey & W Joost, 1982 (Very similar to *Polycentropus mazdacus* F Schmid, 1959, and possibly a synonym of it according to H Malicky, 2005, Linzer biol Beitr 37(1): 552-553 Georgia)

*Polycentropus silex* SW Hamilton & RW Holzenthal, 2005 : NT (Male described originally in the *Polycentropus bartolus* Group near *Polycentropus ceciliae* OS Flint and *Polycentropus fasthi* RW Holzenthal & SW Hamilton Holotype--Male; ECUADOR: Pichincha, ca 84 km SW Quito, Chiriboga Road, el 1400 m, 7 Sept 1990, OS Flint, Jr; deposited in the United States National

Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Polycentropus similis* DE Kimmins, 1962 : AU (Papua)

Syn.: *Polycentropus niger* K Korboot, 1964

*Polycentropus sinuosus* DE Kimmins, 1962 : AU (Papua)

*Polycentropus smithae* DG Denning, 1949 : NA (United States of America)

*Polycentropus soniae* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus fluminensis* SW Hamilton & RW Holzenthal and *Polycentropus tripui* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Parana, Rio Mae Catira, 10 km N Porto de Cima, 25°21.821'S, 048°52.473'W, 200 m, 8-9-xii-1997, Holzenthal & Huisman; pinned; UMSP000033175; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus spicatus* T Yamamoto, 1967 : NT (Panama)

*Polycentropus stephani* DE Bowles, ML Mathis, & SW Hamilton, 1993 : NA (United States of America)

*Polycentropus surinamensis* OS Flint, 1974 : NT (Surinam)

*Polycentropus telifer* R McLachlan, 1884 (Portugal)

*Polycentropus tenerifensis* H Malicky, 1999 (Canary Islands (Tenerife))

*Polycentropus terrai* H Malicky, 1980 (Portugal)

*Polycentropus thaxtoni* SW Hamilton & RW Holzenthal, 1986 : NA (United States of America)

*Polycentropus timesis* (DG Denning, 1948) : NA (Transferred from *Neureclipsis* to *Polycentropus*, near *Polycentropus picicornis* JF Stephens by JS Weaver, 1995, Proceedings of the Entomological Society of Washington 97(4): 892 Holotype--Male; UNITED STATES OF AMERICA: Massachusetts, Amherst (JS Weaver, 1995, Proceedings of the Entomological Society of Washington 97(4): 892) United States of America)

*Neureclipsis timesis* DG Denning, 1948

*Polycentropus tripui* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus tripui* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Minas Gerais, Estacao Ecologica de Tripui, Corrego Tiririca, 20°23.009'S, 043°33.237'W, 19-ii-1999, Paprocki, Amarante, Salgado; pinned; UMSP000046917; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus tuberculatus* OS Flint, 1983 : NT (Chile)

*Polycentropus turquino* L Botosaneanu, 1980 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Polycentropus unicus* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Polycentropus unispina* OS Flint, 1991 : NT (The species epithet is spelled "unispinus" by OS Flint, RW Holzenthal, & SC Harris, XXXX, Catalogue of Neotropical Caddisflies, p XX, but the feminine noun in apposition should retain the original feminine spelling Colombia)

*Polycentropus urubici* RW Holzenthal & GL de Almeida, 2003 : NT (A member of the *Polycentropus joergenseni* Complex of the *Polycentropus gertschi* Group according to RW Holzenthal & GL de Almeida, 2003, Proc Entomol Soc Washington 105(1): 26, f 3 Holotype--Male; Brazil: Parana, Telemaco Borba, Reserva Samuel Klabin, 24°17'S, 50°37'W, el 750 m, 7-viii-1986, PROFAUPAR-lampada; deposited in the Colecao de Entomologia Pe Jesus Santiago Moure, Departamento de Zoologia, Universidade Federal do Parana, Curitiba, Brazil Brazil)

*Polycentropus valdiviensis* OS Flint, 1983 : NT (Chile)

*Polycentropus vanachakuni* F Schmid & DG Denning, 1979 : OL (India)

*Polycentropus vanderpooli* OS Flint, 1976 : NT (Male described originally

Known distribution in the Dominican Republic (Azua, Baoruco, Distrito Nacional, Independencia, Pedernales) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 55 Dominican Republic)

*Polycentropus variegatus* N Banks, 1900 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)

*Polycentropus veracruzensis* OS Flint, 1981 : NT (Mexico (Veracruz))

*Polycentropus vernus* SW Hamilton, SC Harris, & PK Lago, 1990 : NA (United States of

America)

*Polycentropus verruculus* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus cipoensis* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Minas Gerais, Rio Guanhaes, downstream from Salto Grande dam, 19°06.289'S, 042°42.635'W, 20-x-1998, Paprocki; pinned; UMSP000646608; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus virginiae* SW Hamilton & RW Holzenthal, 2010 : NT (Male described originally in the *Polycentropus aguyje* Cluster, *Polycentropus jorgenseni* Complex, *Polycentropus gertschi* Group near *Polycentropus caaete* SW Hamilton & RW Holzenthal Holotype--Male; Brazil: Minas Gerais, Corrego da Serra de Ouro Fino, Vale do Tropeiro, 20°12.371'S, 43°38.581'W, 1000 m, 08-x-2000 m [sic], Paprocki, Salgado, Issac; pinned; UMSP000046828; deposited in the Museo de Zoologia, Universidade do Sao Paulo, Sao Paulo, Brazil Brazil)

*Polycentropus volcanus* RW Holzenthal & SW Hamilton, 1988 : NT (Costa Rica)

*Polycentropus weedi* RL Blickle & WJ Morse, 1955 : NA (United States of America)

*Polycentropus yuecelcaglari* F Sipahiler, 1999 (Very similar to *Polycentropus mazdacus* F Schmid, 1959, and possibly a synonym of it according to H Malicky, 2005, Linzer biol Beitr 37(1): 552-553 Turkey)

*Polycentropus zanclus* OS Flint, 1981 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47 Guatemala)

*Polycentropus zaneta* DG Denning, 1948 : NT (Puerto Rico)

*Polycentropus zurqui* RW Holzenthal & SW Hamilton, 1988 : NT (Costa Rica)

*Polymorphanius* F Walker, 1852

*Polymorphanius angustipennis* G Ulmer, 1912 : AT (Cameroon)

*Polymorphanius astictus* L Navas, 1923 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and China according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 China (Guangdong))

Syn.: *Polymorphanius flavipes* N Banks, 1939

Syn.: *Polymorphanius hainanensis* AV Martynov, 1930

*Polymorphanius bipunctatus* (F Brauer, 1875) : AT (Distributed in subtropical and tropical South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 "Blue Nile" Sudan or Ethiopia)

*Oestropsis bipunctatus* F Brauer, 1875

*Polymorphanius elisabethae* L Navas, 1931 : AT (Democratic Republic of the Congo)

Syn.: *Polymorphanius bipunctatus pupillata* L Navas, 1931

*Polymorphanius fuscus* (G Ulmer, 1905) : OL (Male described by H Malicky, 1998, Stapfia 55: 401

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Oestropsis fuscus* G Ulmer, 1905

*Polymorphanius guttatus* L Navas, 1935 : AT (Madagascar)

*Polymorphanius hargreavesi* PC Barnard, 1980 : AT (Sierra Leone)

*Polymorphanius marlieri* PC Barnard, 1980 : AT (Democratic Republic of the Congo)

*Polymorphanius muluensis* PC Barnard, 1980 : OL (Malaysia (Sarawak))

*Polymorphanius nigricornis* F Walker, 1852 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Laos, and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

*Polymorphanius ocularis* G Ulmer, 1906 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand, Vietnam, and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Indonesia (Java))

Syn.: *Polymorphanisus indicus* N Banks, 1911

*Polymorphanisus quadripunctatus* G Ulmer, 1951 : OL (Borneo ?)

*Polymorphanisus scutellatus* N Banks, 1939 : OL (Male described by H Malicky, 1998, Stapfia 55: 402

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Malaysia (Sabah))

*Polymorphanisus semperi* (F Brauer, 1868) : OL (Philippines)

*Oestropsis semperi* F Brauer, 1868

*Polymorphanisus similis* G Ulmer, 1912 : AT (Cameroon)

Syn.: *Polymorphanisus bisignatus* L Navas, 1931

*Polymorphanisus taoninus* L Navas, 1936 : OL (China (Guangxi))

*Polymorphanisus tumidus* N Banks, 1939 : OL (India)

*Polymorphanisus umbripes* PC Barnard, 1980 : OL (

Female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 170-171, f 30-33 India)

*Polymorphanisus unipunctus* N Banks, 1940 : OL (male described by H Malicky, 1998, Stapfia 55: 402 China (Sichuan))

*Polyplectropus* G Ulmer, 1905

*Polyplectropus aberrus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus nodyg* KA Johanson & JB Ward, *Polyplectropus yndog* KA Johanson & JB Ward, *Polyplectropus clavus* KA Johanson & JB Ward, and *Polyplectropus dorsospinus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Riviere Bleue, 282 m, stony river, loc 4, 22°05.705'S, 166°38.225'E, Malaise trap, 13-16-xi-2001, Johanson, Pape, Viklund; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus aciculatus* H Zhong, LF Yang, & JC Morse, 2008 : OL (Male described originally near *Polyplectropus digitaliformis* H Zhong, LF Yang, & JC Morse Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Anhui Province, Qimen County, (29.8°N, 117.7°E), Penglongxiang, Xiangdongcun, 27-ix-2003, coll Lin-Na SHAN, Chang-Hai SUN; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Anhui))

*Polyplectropus acuminatus* YJ Li & JC Morse, 1997 : OL (China (Anhui))

*Polyplectropus acutus* YJ Li & JC Morse, 1997 : OL (China (Hubei))

*Polyplectropus adamsae* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria Holotype--Male; PERU: Madre de Dios, Manu [Biosphere Reserve], Pakitza Bio[logical] Sta[tion], Quebrada Trompetero, 11°56'39"S, 071°16'59"W, 350 m, trail 2, marker 156, vii-1993, Blahnik & Pescador; UMSP000107422; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Polyplectropus admin* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2435: 22 Thailand)

*Polyplectropus africanus* G Marlier, 1943 : AT (Democratic Republic of the Congo)

*Polyplectropus ahas* H Malicky & P Chantaramongkol, 1993 : OL (Male re-illustrated, reported from China (Sichuan) by H Zhong, L-F Yang, & JC Morse, 2010, Zootaxa 2428: 42, f 29-35 Thailand)

*Polyplectropus aiolos* H Malicky & P Chantaramongkol, 1997 : OL (Cited as *Polyplectropus aiolus* in Zoological Record 134: 482 Thailand)

*Polyplectropus akrisios* H Malicky, 1997 : OL (Malaysia (Peninsular))

*Polyplectropus alatespinus* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described in the *Polyplectropus annulicornis* Group Holotype--Male; BRAZIL: Minas Gerais, Parque Estadual do Ibitipoca, Corrego dos Macacos, 21°42'33"S, 044°53'36"W, 1360 m, 19-20-xi-2001, Holzenthal, Blahnik, Neto & Paprocki; UMSP000081869; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus alienus* J Bueno-Soria, 1990 : NT (Male and female redescribed from Bolivia and Mexico (Chiapas) in the *Polyplectropus alienus* Group from Bolivia, Mexico (Chiapas) by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 47-49, f 20, 125, 133 Holotype--Male; MEXICO: Chiapas, Ocosingo, Finca El Real, Rio Santa Cruz, [16\*24'00"N, 092\*24'00"W], 01-vii-1950, C&M Goodnight & L Stannard; INHS Trichop 24589; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 49) Mexico (Chiapas))

*Polyplectropus alkyone* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)

*Polyplectropus alleni* (T Yamamoto, 1967) : NT (Male re-described from Costa Rica in the *Polyplectropus santiago* Group near *Polyplectropus dubitatus* OS Flint and *Polyplectropus elongatus* (T Yamamoto) by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 146-148, f 72, 122 Costa Rica)

*Polycentropus alleni* T Yamamoto, 1967

*Polyplectropus alpehios* H Malicky, 1997 : OL (Reported from Malaysia (Peninsular) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 22 Malaysia (Peninsular))

*Polyplectropus altera* AG McFarlane, 1981 : AU (New Zealand)

*Polyplectropus amarawathi* F Schmid, 1958 : OL (Sri Lanka)

*Polyplectropus amazonicus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally near *Polyplectropus rodmani* ML Chamorro & RW Holzenthal Holotype--Male; VENEZUELA: Amazonas, Cerro de la Neblina, Camp III, 00\*56'10"N, 066\*03'53"W, 1820 m, 15-17-ii-1984, D Davis; UMSP000107519; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Polyplectropus ammonios* H Malicky, 2010 : OL (Male described originally near *Polyplectropus aiolos* H Malicky & P Chantaramongkol Holotype--Male; LAOS: Kham Mouan Prov, Ban Khoun Ngeun, 18\*07'N, 104\*29'E, 200 m, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Polyplectropus amphion* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Polyplectropus anakempat* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Polyplectropus anakgugur* H Malicky, 1995 : OL (Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 23)

Male variation illustrated, reported from China (Anhui, Guangdong, Guangxi, Guizhou, Henan, Jiangxi, Sichuan) by H Zhong, L-F Yang, & JC Morse, 2010, *Zootaxa* 2428: 43, 45, f 36-52 Malaysia (Peninsular))

*Polyplectropus anakjari* H Malicky, 1995 : OL (Reported from Malaysia (Peninsular) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 23 Malaysia (Peninsular))

*Polyplectropus anakpungut* H Malicky, 1995 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Polyplectropus analis* N Banks, 1931 : OL (Malaysia (Peninsular))

*Polyplectropus andinensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus santiago* Group near *Polyplectropus robacki* (T Yamamoto), *Polyplectropus bolivianus* ML Chamorro & RW Holzenthal, and *Polyplectropus brborichorum* ML Chamorro & RW Holzenthal Holotype--Male; BOLIVIA: Chuquis[aca], Monteagudo, 1300 m, 24-xii-1984, LE Pena G; UMSP000085577; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Bolivia)

*Polyplectropus angustus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus curvispinus* KA Johanson & JB Ward, *Polyplectropus caledonia* KA Johanson & JB Ward, *Polyplectropuspiroguensis* KA Johanson & JB Ward, *Polyplectropus triangulatus* KA Johanson & JB Ward, and *Polyplectropus pernodensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20\*58'16"S, 164\*76'47"E, 1311 m, 9-xii-2003, Malaise trap, loc 073a, KA Johanson; DNA voucher G3; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus annulicornis* G Ulmer, 1905 : NT (Male and female redescribed in the *Polyplectropus annulicornis* Group by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582:

56-58, f 25, 141 Lectotype (OS Flint, 1966, Proceedings of the United States National Museum 120: XXX???) -- Female; BRAZIL Brazil)

*Polyplectropus antinoos* H Malicky, 1998 : OL (India)

*Polyplectropus aoupiniensis* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus hovmoelleri* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Reserve speciale de faune de l'Aoupinie, ca 25 km S Poindimie, 21°09.369'S, 165°19.209'E, loc 149 (19-2001), Malaise trap, 24-28-xi-2001, KA Johanson, T Pape, B Viklund; DNA voucher E6; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus apsyrtos* H Malicky, 1999 : OL (Thailand)

*Polyplectropus assimulans* W Mey, 1998 : OL (Male described originally, most closely related to *Polyplectropus perspersus* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Polyplectropus aurifuscus* AG McFarlane, 1956 : AU (New Zealand)

Syn.: *Polycentropus waitakerensis* KAJ Wise, 1962

*Polyplectropus bacphanensis* W Mey, 2005 : OL (Male described originally, near *Polyplectropus menna* H Malicky & P Chantaramongkol

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Holotype--Male; VIETNAM: Lao Chi Province, Sa Pa, Fan Si Pan Mts, 20-vi-1999, leg A Kallies; deposited in the Museum fuer Naturkunde Berlin, Berlin, Germany Vietnam)

*Polyplectropus banksianus* OS Flint, 1971 : NT (Male re-described from Brazil in the *Polyplectropus santiago* Group near *Polyplectropus maculatus* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 149-151, f 74, 136 Brazil)

*Polyplectropus baring* (H Malicky, 1993) : OL (Transferred from *Polyplectropus* to *Pseudoneureclipsis* by H Malicky, 2009, Linzer Biologische Beitrage 41(1): 722 Malaysia (Peninsular))

*Polyplectropus baring* H Malicky, 1993

*Polyplectropus basimaculatus* W Mey, 1998 : OL (Male described originally, related to *Polyplectropus eubolus* W Mey and *Polyplectropus philippinensis* G Ulmer Holotype--Male; Philippines: Mindanao, Davao Orientale, Boston, Mt Agtuuganon Range, 28-5--7-6-1996, leg W Mey; pinned; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Mindanao))

*Polyplectropus bay* H Malicky, 1995 : OL (Reported from Vietnam, as *Polyplectropus baya*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Polyplectropus beccus* SW Hamilton & RW Holzenthal, 2005 : NT (Male described originally

Male re-described from Venezuela as an unassigned *Polyplectropus* species similar to *Polyplectropus insularis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 224-226, f 117 Holotype--Male; VENEZUELA: TF Amazonas [= Estado Amazonas], Puerto Ayacucho (40 km S), El Tobogan, Cano Coromoto, 24 January 1989, malaise, PJ Spangler, RA Faitoute, CB Barr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Polyplectropus becher* H Malicky, 2008 : AT (Male described originally near *Polyplectropus ibykus* H Malicky & P Chantaramongkol, *Polyplectropus nangajna* H Malicky & P Chantaramongkol, *Polyplectropus ranauensis* G Ulmer, and *Polyplectropus saturnus* H Malicky & T Prommi Holotype--Male; INDONESIA: Sumatra, Aceh, Gunung Leuser National Park, Bewak Kaling, 2860 m, 03°49'N, 097°11'E, 25-ii-1997; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Polyplectropus beeri* H Malicky, 2008 : OL (Male described originally near *Polyplectropus becher* H Malicky Holotype--Male; INDONESIA: Sumatra, Dairi, 2-viii-1998, leg Diehl; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Polyplectropus bela* H Malicky, 2008 : OL (Male described originally near *Polyplectropus jorim* H Malicky Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 1410 m, 11-14-iv-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Polyplectropus beria* H Malicky, 2008 : OL (Male described originally Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park Headquarters, 1560 m, 06°00'N, 116°32'E, 9-18-iv-leg Sivec Malaysia (Sabah))

*Polyplectropus beutelspacheri* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Guerrero, Morelos) as an unassigned *Polyplectropus* species similar to *Polyplectropus fuscatus* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 226-228, f 118, 124 Holotype--Male; MEXICO: Guerrero, Zihuaquijo, km 95 Carretera 94, Coyuca-Zihuatanejo; deposited in the Instituto de Biología, Universidad Nacional Autónoma de México, México City, México; the former curator of Trichoptera at this institute "J Bueno-Soria was unable to locate it" (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 226) México (Guerrero))

*Polyplectropus blahniki* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus recurvatus* (T Yamamoto) and *Polyplectropus zuliae* ML Chamorro & RW Holzenthal Holotype--Male; VENEZUELA: Falcon, PN Cueva de la Quebrada del Toro, 10°49'35"N, 069°07'59"W, 530 m, ii-vi-2001, Holzenthal, Blahnik, Paprocki & Cressa; UMSP000074855; deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Venezuela)

*Polyplectropus boas* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 11, 15 Philippines)

*Polyplectropus bolivianus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus santiago* Group near *Polyplectropus robacki* (T Yamamoto), *Polyplectropus andinensis* ML Chamorro & RW Holzenthal, and *Polyplectropus brborichorum* ML Chamorro & RW Holzenthal Holotype--Male; BOLIVIA: La Paz, Rio Coroico, 1200 m, 23-26-xi-1984, LE Pena G; UMSP000085581; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Bolivia)

*Polyplectropus brachyscolus* OS Flint, 1971 : NT (Male re-described from Brazil, Guyana, and Surinam in the *Polyplectropus santiago* Group near *Polyplectropus hamulus* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 153-154, f 76, 137 Holotype--Male; BRAZIL: Amazonas, Rio Marauia, Endstation langer Cachoeira, Fluss tritt hier aus dem Gebirge mit starkem Gefaelle, 28-i-1963, EJ Fittkau; USNM Type No 74124, A-502; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 154) Brazil)

*Polyplectropus bradleyi* DE Kimmins, 1957 : AU (Reported from Solomon Islands (Guadalcanal Island, San Cristoval) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 23 Solomon Islands (Guadalcanal))

*Polyplectropus brasiliensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus bredini* Group near *Polyplectropus clauseni* ML Chamorro-Lacayo & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro, Nova Friburgo, municipal water supply, 950 m, 24-iv-1977, C & O Flint; UMSP000107490; Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus bravoae* J Bueno-Soria, 1990 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 47

Male re-described from Costa Rica, Honduras, Mexico (Veracruz), and Nicaragua in the *Polyplectropus santiago* Group near *Polyplectropus laminatus* (T Yamamoto) and *Polyplectropus ecuadoriensis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 154-157, f 15G, 77, 125 Holotype--Male; COSTA RICA: Guanacaste, Rio Tempisque, ca 3 km S Route 1, 10°47'24"N, 085°33'07"W, 75 m, 06-iii-1986, Holzenthal & Fasth; Type No 104460; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 156) Costa Rica)

*Polyplectropus brborichorum* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus santiago* Group near *Polyplectropus robacki* (T Yamamoto) Holotype--Male; ECUADOR: Past[aza], Est[acion] Fluv[ial] Metrica, Puyo (27 km N), 04-ii-1976, Spangler et al; UMSP000085574; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Polyplectropus bredini* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A



Thomas, 2005("2004"), *Ephemera* 6(1): 51

Male and female redescribed from Dominica, Grenada, Guadeloupe, Martinique, and Saint Lucia in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 80-81, f 37, 38A, 38B, 126 Dominica)

*Polyplectropus bumerangiformis* W Mey, 2003 : OL (Male described originally probably near *Polyplectropus eubolus* W Mey Holotype--Male; PHILIPPINES: Luzon Quezon Province, east of Infanta, Magsaysay, 9-iv-1997, tributary to the Agos River, at the light, leg W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Polyplectropus caledonia* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus angustus* KA Johanson & JB Ward, *Polyplectropus curvispinus* KA Johanson & JB Ward, *Polyplectropuspiroguensis* KA Johanson & JB Ward, *Polyplectropus triangulatus* KA Johanson & JB Ward, and *Polyplectropus pernodensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Reserve speciale de faune de l'Aoupinie, ca 25 km S Poindimie, 21°09.369'S, 165°19.209'E, loc 149 (19-2001), Malaise trap, 24-28-xi-2001, KA Johanson, T Pape, B Viklund; DNA voucher C7; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus cardinis* W Mey, 1990 : OL (Philippines)

*Polyplectropus carolae* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Veracruz) in the *Polyplectropus thilus* Species Group near *Polyplectropus thilus* (DG Denning) by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 196-198, f 100, 126 Holotype--Male; MEXICO: Veracruz, Estacion de Biologia--UNAM "Los Tuxtlas," unnamed stream E of station; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 196) Mexico (Veracruz))

*Polyplectropus chapmani* K Kumanski, 1979 : AU (Papua New Guinea)

*Polyplectropus charlesi* (HH Ross, 1941) : NA, NT (Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 47

Female described by DE Ruitter & DW Blinn, 2009, *Braueria* 36: 5, f 23a

Male redescribed from Mexico (Chipas, Durango, Guerrero, Michoacan, Oaxaca, Puebla, San Luis Potosi, Tabasco, Tamaulipas, Veracruz), Nicaragua, Panama, and United States of America (Arizona, Texas) in the *Polyplectropus charlesi* Group near *Polyplectropus kylistos* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 113-116, f 15C, 56, 123 Holotype--Male; UNITED STATES OF AMERICA: Texas, [Val Verde County], Del Rio, San Felipe Springs [29°22'06"N, 100°53'06"W], 19-iv-1939, HH & JA Ross; INHS Trichop 24566; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 116) United States of America)

*Polycentropus charlesi* HH Ross, 1941

*Polyplectropus chin* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 30

Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 23 Vietnam)

*Polyplectropus christinae* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus nathalae* KA Johanson & JB Ward, *Polyplectropus millei* KA Johanson & JB Ward, *Polyplectropus koueus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.57306°S, 164.77139°E, 902 m, 9-xii-2003, Malaise trap, loc#075, KA Johanson; DNA voucher H4; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus clauseni* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male and female redescribed from Costa Rica and Panama in the *Polyplectropus bredini* Group near *Polyplectropus brasiliensis* ML Chamorro & RW Holzenthal Holotype--Male; COSTA RICA: Alajuela, Cerro Campana, Rio Bochinche tributary, 6 km (air) NW Dos Rios, 10-945\*N, 85-413\*W, el 600 m, 22-23-vii-1987, Holzenthal, Morse, Clausen

(UMSP000060983); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus clavus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus dorsospinus* KA Johanson & JB Ward, *Polyplectropus nodyg* KA Johanson & JB Ward, *Polyplectropus yndog* KA Johanson & JB Ward, and *Polyplectropus aberrus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Reserve speciale de fauna de la haute Yate, along road on southern part of Marais de la Riviere Blanche, stream draining to Marais de Riviere Blanche, 1.35 km S Pont Perignon, 22\*08.496'S, 166\*42.152'E, 180 m, 6-16-xi-2003, Malaise trap, loc#009a, KA Johanson; DNA voucher H5; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus colombianus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus bredini* Group near *Polyplectropus corniculatus* ML Chamorro & RW Holzenthal Holotype--Male; COSTA RICA: Cerro Campana, Rio Bochinche, tributary, 6 km (air) NW Dos Rios, 10\*54'00"N, 085\*24'00"W, 640 m, 22-23-vii-1987, Holzenthal, Morse & Clausen; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus convexus* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Sichuan))

*Polyplectropus corniculatus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus bredini* Group near *Polyplectropus colombianus* ML Chamorro & RW Holzenthal Holotype--Male; COSTA RICA: Madre de Dios, Manu [Biosphere Reserve], Pakitza Bio[logical] Sta[tion], Quebrada Paujil-Picoflor, 11\*56'39"S, 071\*16'59"W, 350 m, 05-vii-1993, Blahnik & Pescador; UMSP000107443; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Polyplectropus coronivia* J Olah & KA Johanson, 2010 : AU (Male described originally near *Polyplectropus fijianus* N Banks Holotype--Male; FIJI ISLANDS: Viti Levu, Koronivia Research Station, 6-ii-1975, light trap [JA Uluinaceva]; FUI 5608; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Viti Levu))

*Polyplectropus costalis* (N Banks, 1913) : NT (Female re-described from Colombia in the *Polyplectropus santiago* Group in the *Polyplectropus robacki* Subset by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 158-160, f 79, 131 Holotype--Female; COLOMBIA: Tolima, Cafion del Norte, 1,700 m, March, Fassel; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge Massachusetts, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 160) Colombia)

*Cordillopsyche costalis* N Banks, 1913

*Polyplectropus cressae* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polycentropus thilus* Species Group superficially resembling *Polyplectropus deltooides* (T Yamamoto) Holotype--Male; VENEZUELA: Lara, Parque Nacional Terepaima, Quebrada San Antonio, 09\*51'45"N, 069\*13'06"W, 631 m, 17-vi-2001, Holzenthal, Blahnik, Paprocki & Cressa; UMSP000074841; deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Venezuela)

*Polyplectropus crocallis* W Mey, 1998 : OL (Male described originally, resembles *Polyplectropus hamatiformis* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, leg W Mey; pinned; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Polyplectropus cubitalis* H Zhong & L Yang, 2010 : OL (Male described originally in the *Polyplectropus anakgugur* Group near *Polyplectropus anakgugur* H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guizhou Province, Chi-shui County, 28.34\*N, 105.42\*E, Hu-shi-zhen, Nan-zhu-lin-chang, Jin-sha-gou, Gong-ye-gan-gou, 09-xi-1995, Coll WANG Bei-Xin, SUN Chang-Hai; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, Peoples' Republic of China China (Guizhou))

*Polyplectropus curvatus* YJ Li & JC Morse, 1997 : OL (China (Fujian))

*Polyplectropus curvispinus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus angustus* KA Johanson & JB Ward, *Polyplectropus caledonia* KA Johanson & JB Ward, *Polyplectropus piroguensis* KA Johanson & JB Ward, *Polyplectropus triangulatus* KA

Johanson & JB Ward, and *Polyplectropus pernodensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Reserve speciale de faune de l'Aoupinie, ca 25 km S Poindimie, 21°09.369'S, 165°19.209'E, loc 149 (19-2001), Malaise trap, 24-28-xi-2001, KA Johanson, T Pape, B Viklund; DNA voucher D8; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus cuspidatus* A Neboiss, 1989 : OL (Indonesia (Sulawesi))

*Polyplectropus cuzcoensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus denticulus* J Bueno-Soria and *Polyplectropus deltooides* (T Yamamoto) Holotype--Male; PERU: Cuzco, Paucartambo to Pilcopata rd, river at Puente Union, 13°04'13"S, 071°34'00"W, 1670 m, 21-23-vi-1993, Blahnik & Pescador; UMSP000107432; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Polyplectropus daimong* J Olah & KA Johanson, 2010 : OL (Male described originally Holotype--Male; VIETNAM: Lamdong, Baoloc, Baco Stream, 26-x-1988, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Polyplectropus dairi* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Polyplectropus danauranauana* J Olah & H Malicky, 2011 : OL (Male described originally near *Polyplectropus exallus* A Neboiss Holotype--Male; INDONESIA: Sumatra, Danau Ranau, Bukit Barisan Selatan National Park, 950 m, 30-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sulawesi))

*Polyplectropus deimos* H Malicky, 2000 : OL (Malaysia (Sabah))

*Polyplectropus deltooides* (T Yamamoto, 1967) : NT (Male described originally in the *Polycentropus thilus* Species Group

Male and female re-described from Costa Rica and Panama in the *Polyplectropus thilus* Species Group near *Polyplectropus cuzcoensis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 202-204, f 104, 125 Holotype--Male; PANAMA: Cerro Punta, 4 November 1955, light trap, RM Altman; deposited in the collection of the Illinois Natural History Survey, Urbana, Illinois, United States of America Panama)

*Polycentropus deltooides* T Yamamoto, 1967

*Polyplectropus denticulus* J Bueno-Soria, 1990 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47

Male re-described from Costa Rica, Mexico, and Nicaragua in the *Polyplectropus thilus* Species Group near *Polyplectropus thilus* (DG Denning) and *Polyplectropus yolandae* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 204-206, f 105, 127 Holotype--Male; COSTA RICA: [Limon], Rio General, Pacuare, 01-vii-1967, Flint & Ortiz; "USNM Type No 104449"; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 204, 206) Costa Rica)

*Polyplectropus dthinkari* H Malicky, 1979 : OL (India (Andaman Islands))

*Polyplectropus diastictis* W Mey, 1998 : OL (Philippines (Mindanao))

*Polyplectropus didactylus* A Neboiss, 1989 : OL (Indonesia (Sulawesi))

*Polyplectropus digitaliformis* H Zhong, LF Yang, & JC Morse, 2008 : OL (Male described originally near *Polyplectropus anakempat* H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangdong Province, Longmen County (23.43°N, 114.13°E), unnamed stream at entrance to the Mt Nankun Provincial Natural Preserve, alt 515 m, 16-v-2004, coll Jon Morse, Lian-fang Yang; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangdong))

*Polyplectropus dinhdan* J Olah & KA Johanson, 2010 : OL (Male described originally near *Polyplectropus prapat* H Malicky Holotype--Male; VIETNAM: Hoabinh toward Dabac, 21-x-1986, light [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Polyplectropus directus* W Mey, 1990 : OL (Philippines)

*Polyplectropus dolabriformis* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Guangxi))

*Polyplectropus dorsospinus* KA Johanson & JB Ward, 2009 : AU (Male described originally near

*Polypsectropus nodys* KA Johanson & JB Ward, *Polypsectropus yndog* KA Johanson & JB Ward, *Polypsectropus clavus* KA Johanson & JB Ward, and *Polypsectropus aberrus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, Riv Padyeem, 400 m, 22-28-xi-2001, Malaise trap, 22-28-xi-2001, 20°34.12'S, 164°48.147'E, loc 146 (16-2001), KA Johanson, T Pape, B Viklund; DNA voucher V; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polypsectropus dubitatus* OS Flint, 1983 : NT (Male re-described from Argentina, Brazil, Uruguay in the *Polypsectropus santiago* Group near *Polypsectropus alleni* (T Yamamoto) and *Polypsectropus elongatus* (T Yamamoto) by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 160-161, f 15D, 80, 81, 142 Holotype--Male; ARGENTINA: Misiones, Rio Iguazu, Camp Nandu, 25-xi-1973, OS Flint; USNM Type No 100493; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 160) Argentina)

*Polypsectropus ecuadoriensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally from Ecuador and Bolivia in the *Polypsectropus santiago* Group in the *Polypsectropus laminatus* Subset [*Polypsectropus laminatus* (T Yamamoto) and *Polypsectropus bravoae* J Bueno-Soria] Holotype--Male; ECUADOR: Sucumbios, Lago Agrio (5 km N), 00°05'20"N, 076°52'09"W, 26-ix-1975, A Langley; UMSP000107531; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Polypsectropus elmadam* H Malicky, 1993 : OL (Listed from the Philippines (Palawan) by H Malicky, 2010, *Z Arb Gem Oesterr Ent* 62: 88 Philippines (Palawan))

*Polypsectropus elongatus* (T Yamamoto, 1966) : NT (Transferred from *Polycentropus* to *Polypsectropus* by OS Flint, 1968, *Proceedings of the United States National Museum* 120: 21

Male re-described from Argentina, Brazil in the *Polypsectropus santiago* Group near *Polypsectropus dubitans* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 164-166, f 83, 136 Holotype--Male; ARGENTINA: Misiones, Iguazu, 30-i-13-iii-1945, Haywood, Willing & Golbach; supposedly deposited in the Instituto Miguel Lillo, Universidad Nacional de Tucuman, Tucuman, Argentina, but actually in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 166) Argentina)

*Polycentropus elongatus* T Yamamoto, 1966

*Polypsectropus epitychmus* A Neboiss, 1989 : OL (Indonesia (Sulawesi))

*Polypsectropus eubolus* W Mey, 1998 : OL (Philippines (Mindanao))

*Polypsectropus evocatus* W Mey, 1998 : OL (Male described originally near *Polypsectropus nangajna* H Malicky & P Chantaramongkol, 1993, and *Polypsectropus maiyarap* H Malicky & P Chantaramongkol, 1993

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 30 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 20-30-xi-1995, 1600 m, light trap, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Polypsectropus exallus* A Neboiss, 1989 : OL (Indonesia (Sulawesi))

*Polypsectropus exilis* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male redescribed from Costa Rica in the *Polypsectropus charlesi* Group near *Polypsectropus charlesi* (HH Ross) and *Polypsectropus kylistos* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 116-118, f 57, 123 Holotype--Male; Costa Rica: Cartago, Reserva Tapanti, Quebrada Segunda at administration building, 9-761°N, 83-787°W, el 1,250 m, 9-10-v-1990, Holzenthal and Blahnik (UMSP000060974); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polypsectropus explanatus* YJ Li & JC Morse, 1997 : OL (China (Jiangxi))

*Polypsectropus fijianus* N Banks, 1936 : AU (Reported from Fiji Islands (Vanua Levu) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 35 Fiji Islands)

*Polypsectropus flavicornis* G Ulmer, 1905 : NT (Male and female re-described by OS Flint, 1966, *Proceedings of the United States National Museum* 120: 4

Male re-described from Brazil and Uruguay in the *Polyplectropus santiago* Group near *Polyplectropus squalus* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 166-168, f 84, 142 Lectotype (OS Flint, 1966, Proceedings of the United States National Museum 120: 4)--Male; BRAZIL: Santa Catarina; deposited in the Polish Academy of Sciences, Warsaw, Poland (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 166) Brazil)

*Polyplectropus flintorum* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus bredini* Group near *Polyplectropus kanukarum* ML Chamorro & RW Holzenthal and *Polyplectropus corniculatus* ML Chamorro & RW Holzenthal Holotype--Male; VENEZUELA: Territorio Federal Amazonas [Estado Amazonas], Camp II, Cerro de la Neblina, 00°50'00"N, 065°59'00"W, 2100 m, 29-i-1985, WE Steiner; UMSP000107523; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Polyplectropus fuscatus* OS Flint, 1983 : NT (Male re-described from Argentina, Brazil, and Uruguay in the *Polyplectropus fuscatus* Group by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 121-122, f 59, 140 Holotype--Male; ARGENTINA: Misiones, San Pedro, A[rroyo] Piray-Guazu No. [26°37'99"S, 054°07'59"W], 22-xi-1973, OS Flint; USNM Type No 100492; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 121) Argentina)

*Polyplectropus gaesum* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described in the *Polyplectropus annulicornis* Group near *Polyplectropus annulicornis* G Ulmer and *Polyplectropus rodmani* ML Chamorro & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Serra do Cipo, trib[utary] to Rio Capivara, 19°14'24"S, 043°34'56"W, 1000 m, 18-ii-1998, Holzenthal & Paprocki; UMSP000032940; Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus gedehensis* G Ulmer, 1951 : OL ([male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 800, pl 5] Indonesia (Java))

*Polyplectropus giandi* J Olah & KA Johanson, 2010 : OL (Male described originally near *Polyplectropus bacphanensis* W Mey and *Polyplectropus menna* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Lamdong, Baoloc, Loc Chau Stream, 24-x-1988, sweep net [J Olah]; deposited in the Olah Personal Collection under National Protection of the Hungarian Natural History Museum, Hungary Vietnam)

*Polyplectropus grandis* N Banks, 1937 : OL (Philippines)

*Polyplectropus greenwoodi* ME Mosely, 1941 : AU (Reported from Fiji Islands (Viti Levu) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 35 Fiji Islands)

*Polyplectropus guyanae* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus guyanae* Group Holotype--Male; GUYANA: Dubulay Ranch, Aramatani Cr[reek], 06°33'00"N, 057°48'00"W, 15-18-iv-1995, OS Flint; UMSP000107501; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Guyana)

*Polyplectropus hamatiformis* W Mey, 1990 : OL (Philippines)

*Polyplectropus hamatus* J Bueno-Soria, 1990 : NT (Male re-described from Belize and Mexico (Chiapas, Oaxaca) in the *Polyplectropus santiago* Group near *Polyplectropus oaxaquensis* J Bueno-Soria and *Polyplectropus banksianus* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 166-168, f 84, 142 Holotype--Male; MEXICO: Chiapas, Agua Azul, a 50 km SE de Palenque; deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 168) Mexico (Chiapas))

*Polyplectropus hamulus* OS Flint, 1972 : NT (Male re-described from Argentina in the *Polyplectropus santiago* Group near *Polyplectropus brachyscolus* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 170-171, f 86, 142 Holotype--Male; ARGENTINA: Misiones, Puerto Rico; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 170) Argentina)

*Polyplectropus hemor* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Loa Cai, Sapa, Muong Hoa Ho River, 6-v-1995, leg DC Currie, B Hubley, J Swann; 956022; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Polyplectropus herrerae* J Bueno-Soria & SW Hamilton, 1990 : NT (Male re-described from Mexico (Chiapas, Morelos, Tabasco) in the *Polyplectropus santiago* Group near *Polyplectropus*

*brachyscolus* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 172, f 87, 97A, 121 Holotype--Male; MEXICO: Chiapas, Cascada de Misolja, 18-v-1981, J Bueno-Soria; deposited in the Instituto de Biología, Universidad Nacional Autónoma de México, Mexico City, Mexico (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 172) Mexico (Chiapas))  
*Polyplectropus hollyae* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus narifer* Group Holotype--Male; BRAZIL: Minas Gerais, Cachoeira do Abaqcaxi, Vale do Tropeiro, 20°12'16"S, 043°38'10"W, 1120 m, 07-xi-2001, Holzenthal, Amarante, Blahnik & Paprocki; UMSP000081585; deposited in the Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil Brazil)  
*Polyplectropus hovmoelleri* KA Johanson & JB Ward, 2009 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.58167°S, 164.76472°E, 1311 m, 9-xii-2003, Malaise trap, loc 073a, KA Johanson; DNA voucher H1; deposited in the National Museum of Natural History, Paris, France New Caledonia)  
*Polyplectropus hymenochilus* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male redescribed from Costa Rica in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 91-92, f 44, 128 Holotype--Male; COSTA RICA: Guanacaste, Parque Nacional Guanacaste, El Hacha, Quebrada Alcornoque, 11-009°N, 85-577°W, el 250 m, 26-vii-1987, Holzenthal, Morse, Clausen (UMSP000060976); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus hystricosus* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described in the *Polyplectropus annulicornis* Group Holotype--Male; BRAZIL: Minas Gerais, Parque Nacional do Caparaó, Rio Caparaó, Vale Verde, 20°25'02"S, 041°50'46"W, 1350 m, 12-13-iii-2002, Holzenthal, Blahnik, Paprocki & Prather; UMSP000200972; Museu de Zoologia, Universidade de São Paulo, São Paulo, Brazil Brazil)

*Polyplectropus ibykos* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Chiangmai Province, Doi Suthep National Park, Huai Kaew oberhalb Namtok Montatan, 800 m, 18°49'N, 98°55'E, 15-22-3-2002, leg Thamsenanupap; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Polyplectropus impluvii* (KAJ Wise, 1962) : AU (New Zealand)

*Polycentropus impluvii* KAJ Wise, 1962

*Polyplectropus inaequalis* G Ulmer, 1927 : OL (Taiwan)

*Polyplectropus inarmatus* OS Flint, 1971 : NT (Male and female redescribed from Brazil, Ecuador, Peru, and Surinam in the *Polyplectropus alienus* Group from Brazil, Ecuador, and Peru by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 49-50, f 16G, 21, 23 Holotype--Male; BRAZIL: Amazonas, Rio Marauia, Endstation vor langer Cachoeira, Fluss tritt hier aus dem Gebirge starkem Gefälle, [00°08'00"S, 067°05'00"W], 24-i-1963, EJ Fittkau; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 50) Brazil)

*Polyplectropus insularis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus puyoensis* ML Chamorro & RW Holzenthal Holotype--Male; PANAMA: Barro Colorado Island, Snyder-Molino Trail, marker 3, 27-ix-30-x-1989, H Wolda; UMSP000100586; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Polyplectropus inusitatus* LP Hsu & CS Chen, 1996 : OL (Taiwan)

*Polyplectropus iphicles* H Malicky & N Changthong, 2004 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Waterwheel Falls, 16°59'N, 101°00'E, 1280 m, 20-21-10-2002, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Polyplectropus irroratus* N Banks, 1931 : OL (Malaysia (Sabah))

*Polyplectropus jahzeel* H Malicky & W Mey, 2011 : OL (Male described originally near *Polyplectropus lehab* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Bali, Candi Cuning, 1250 m, 23-xii-1998, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Bali))

*Polyplectropus jalan* J Olah & KA Johanson, 2010 : OL (Male described originally near *Polyplectropus simei* H Malicky Holotype--Male; MALAYSIA: Sabah, Tawau, Maliau Basin,

Nepenthes Camp, 800 m, Jalan Babi, Heath Forest, 04°43'55.1"N, 116°53'07.9"E, 1048 m, 8-14-xii-2007, Canopy Malaise Trap [B Viklund & N Joensson]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden ("NHMS") Malaysia (Sabah)

*Polyplectropus jannai* H Malicky, 1993 : OL (Myanmar)

*Polyplectropus javanicus* G Ulmer, 1905 : OL (Indonesia (Java))

*Polyplectropus jonam* H Malicky, 1993 : OL (Reported from Vietnam, as *Plectrocnesia jonam*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 India)

*Polyplectropus joram* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Polyplectropus jorim* H Malicky, 1993 : OL (Listed from the Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines (Palawan))

*Polyplectropus josaphat* H Malicky, 1993 : OL (Reported from Malaysia (Peninsular) by J Olah & KA Johanson, 2010, Zootaxa 2435: 28 Thailand)

*Polyplectropus jotham* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Polyplectropus juliae* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the Polyplectropus narifer Group Holotype--Male; BRAZIL: Minas Gerais, Parque Estadual do Rio Preto, 18°07'10"S, 043°20'28"W, 830 m, 14-xi-2001, Blahnik & Amarante; UMSP000079551; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus kanukarum* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally as an unassigned Polyplectropus species resembling several species in the Polyplectropus bredini Species Group and Polyplectropus flintorum ML Chamorro-Lacayo & RW Holzenthal Holotype--Male; GUYANA: [Upper Takutu-Upper Essequibo], Kanuku M[oun]t[ain]s, Moco Moco River, [03°18'02"N, 059°38'54"W], 29-iv-1995, OS Flint; UMSP000107494; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Guyana)

*Polyplectropus karsholti* H Malicky, 1994 : OL (Listed from the Philippines (Palawan) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Philippines)

*Polyplectropus kedar* H Malicky & W Mey, 2011 : OL (Male described originally near Polyplectropus tharah H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Irian Jaya, Manokwari, 800 m, 10-ii-1994, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Irian Jaya))

*Polyplectropus kingsolveri* J Bueno-Soria, 1990 : NT (Male and female redescribed from Belize, Guatemala, and Mexico (Chiapas) in the Polyplectropus bredini Group near Polyplectropus mignona J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 92-94, f 16E, 45, 128 Holotype--Male; MEXICO: Chiapas, Palenque, 19-v-1984, Garcia, Barrera, Ibarra; deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 94 Mexico (Chiapas))

*Polyplectropus korah* H Malicky & P Laudee, 2009 : OL (Male described originally near Polyplectropus saturnus H Malicky & T Prommi Holotype--Male; THAILAND: Chiangmai, Ban Mae Talai, 700 m, 19°16'N, 098°57'E, 20-x-2000, leg P Laudee; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Polyplectropus koueus* KA Johanson & JB Ward, 2009 : AU (Male described originally near Polyplectropus nathalae KA Johanson & JB Ward, Polyplectropus millei KA Johanson & JB Ward, Polyplectropus christinae KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: overlooking Koue R, 14-viii-1971, HD Holloway; deposited in the Canterbury Museum, Christchurch, New Zealand New Caledonia)

*Polyplectropus kristyantoi* H Malicky, 1998 : OL (Indonesia (Java))

*Polyplectropus kylistos* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male redescribed from Costa Rica in the Polyplectropus charlesi Group near Polyplectropus charlesi (HH Ross) by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 118-120, f 58, 123 Holotype--Male; COSTA RICA: Guanacaste, Parque Nacional Guanacaste, Estacion Pitilla, Rio Orosi, 10-991°N, 85-428°W, el 700 m, 22-25-v-1990, Holzenthal, Blahnik (UMSP000067800); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus lacusalbinae* DE Kimmins, 1953 : AU (Male described originally)

Male genitalia redescribed and additional locality provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 67, f 17F Holotype--Male; AUSTRALIA: New South Wales, Mt Kosciusko, Lake Albina (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 67) Australia (New South Wales))

*Polyplectropus laminatus* (T Yamamoto, 1966) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47)

Male re-described from Colombia, Costa Rica, Ecuador, Honduras, Panama, and Venezuela in the *Polyplectropus santiago* Group near *Polyplectropus bravoae* J Bueno-Soria and *Polyplectropus ecuadoriensis* ML Chamorro & RW Holzenthal (*Polyplectropus laminatus* Subset) by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 174-176, f 88, 138 Holotype--Male; ECUADOR: El Oro, 9 mi South of Santa Rosa, 03°27'00"S, 079°58'00"W, 23-i-1955, Schlinger & Ross; reportedly deposited in the California Academy of Sciences, San Francisco, California, United States of America, but actually still at the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 174) Ecuador)

*Polycentropus laminatus* T Yamamoto, 1966

*Polyplectropus lehab* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Polyplectropus ludit* H Malicky & W Mey, 2011 : OL (Male described originally near *Polyplectropus convexus* H Zhong, L-F Yang, & JC Morse Holotype--Male; INDONESIA: Irian Jaya, Manokwari, 800 m, 10-ii-1994, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Irian Jaya))

*Polyplectropus maculatus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus santiago* Group near *Polyplectropus banksanus* OS Flint Holotype--Male; VENEZUELA: Territorio Federal Amazonas [Estado Amazonas], Cerro de la Neblina, Basecamp, 00°51'N, 066°10'W, 140 m 19-iii-1984, Flint & Louton; UMSP000107510; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Polyplectropus maesi* ML Chamorro-Lacayo, 2003 : NT (Male described originally)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47

Male and female redescribed from Nicaragua and Panama in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 94-96, f 16B, 46, 128 Holotype--Male; NICARAGUA: Zetaya, Rio Las Latas, 14°04'N, 88°33'W, el 220 m, 2-vi-1998, JM Maes and B Hernandez (UMSP000066724); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

*Polyplectropus mahujael* H Malicky & W Mey, 2011 : OL (Male described originally near *Polyplectropus anakpungut* H Malicky Holotype--Male; MALAYSIA: Cameron Highlands, Tanah Rata, 27-vii-1996, leg F Koch; deposited in the Zoologisches Museum, Berlin, Germany Malaysia (Peninsular))

*Polyplectropus maiyarap* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Polyplectropus malickyi* T Nozaki, N Katsuma, & T Hattori, 2010 (Male, female, larva, and pupa described originally near *Polyplectropus portensus* G Ulmer Holotype--Male; JAPAN: Shizuoka, Shinmaya-gawa, 50 m asl, Shinma, Aoi-ku, Shizuoka-shi, 34°59'13"N, 138°18'36"E, 24-vi-2009 (at light), T Hattori; CBM-ZI 136958; pinned; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Polyplectropus manasse* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Polyplectropus mandibuliformis* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Guangxi))

*Polyplectropus manni* N Banks, 1936 : AU (Fiji Islands)

*Polyplectropus manuensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus manuensis* Group Holotype--Male; PERU: Madre de Dios, Amazonia Lodge, Toma del Agua (stream), 12°52'13"S, 071°22'34"W, 415 m, 29-vi-1993,



Blahnik & Pescador; UMSP0000107441; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Polyplectropus matadapaya* F Schmid, 1958 : OL (Sri Lanka)

*Polyplectropus matatlanticus* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described in the *Polyplectropus annulicornis* Group near *Polyplectropus profauper* RW Holzenthal & GL de Almeida Holotype--Male; Brazil: Sao Paulo, Parque Estadual de Campos do Jordao, Rio Galharada, 22°41'40"S, 045°27'47"W, 1530 m, 4-5-iii-1996, Holzenthal & Guayba; UMSP000032907; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus mathisi* J Bueno-Soria, 1990 : NT (Male and female redescribed from Panama in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 96, f 47, 124 Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site nr Hornitos, 08°55'00"N, 082°16'00"W, 1050 m, 10-16-viii-1977, H Wolda; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 96) Panama)

*Polyplectropus matthatha* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Malaysia (Peninsular) by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 28 Thailand)

*Polyplectropus melchi* H Malicky, 1993 : OL (India)

*Polyplectropus melea* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 11, 15 Philippines)

*Polyplectropus menna* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Polyplectropus mignonae* J Bueno-Soria, 1990 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 47

Male and female redescribed from Costa Rica and Nicaragua in the *Polyplectropus bredini* Group near *Polyplectropus adamsae* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 97-99, f 48, 124 Holotype--Male; NICARAGUA: Puente Quinama, E Villa Somoza; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 97) Nicaragua)

*Polyplectropus millei* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus nathalae* KA Johanson & JB Ward, *Polyplectropus christinae* KA Johanson & JB Ward, *Polyplectropus koueus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.57306°S, 164.77139°E, 902 m, 9-xii-2003, Malaise trap, loc#075, KA Johanson; DNA voucher H3; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus mindamelea* W Mey, 1998 : OL (Philippines (Mindanao))

*Polyplectropus minensium* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus narifer* Group Holotype--Male; BRAZIL: Minas Gerais, Parque Estadual do Itacolomi, trib[utary] to Rio Belchior, 20°25'18"S, 043°25'42"W, 700 m, 6-xi-2001, Holzenthal, Amarante, Blahnik, & Paprocki; UMSP000081577; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus misolja* J Bueno-Soria, 1990 : NA, NT (Male redescribed from Mexico (Campeche, Chiapas) and United States of America (Texas) in the *Polyplectropus bredini* Group near *Polyplectropus bredini* OS Flint by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 99-101, f 17B, 49, 124 Holotype--Male; MEXICO: Chiapas, Cascada Misolja, 20 km S Palenque, 17-18-v-1981, C & O Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 101) Mexico (Chiapas))

*Polyplectropus monticola* G Ulmer, 1930 : OL (Indonesia (Kalimantan))

*Polyplectropus moritai* T Nozaki, N Katsuma, & T Hattori, 2010 (Male described originally near *Polyplectropus protensis* G Ulmer Holotype--Male; JAPAN: Mie, Kanmuri-yama, Suizawa-cho, 34°59'16"N, 136°25'37"E, 510 m asl, 18-vii-03-viii-2009 (Malaise trap), H Morita; CBM-ZI 136956; deposited in the Natural History Museum and Institute, Chiba, Japan Japan)

*Polyplectropus naema* H Malicky, 2011 : OL (Male described originally near *Polyplectropus javanicus* G Ulmer and *Polyplectropus gedehensis* G Ulmer Holotype--Male; INDONESIA: Sumatra, Sumatera Utara, Tapanuli Tengah, between Pakkat and Barus, 400 m, 10-xi-1985, leg

B Hauser; deposited in the Naturhistorisches Museum, Geneva, Switzerland Indonesia (Sumatra))

*Polyplectropus nahor* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Polyplectropus nam* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Polyplectropus nangajna* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Polyplectropus nanjingensis* YJ Li & JC Morse, 1997 : OL (China (Jiangsu))

*Polyplectropus narifer* OS Flint, 1974 : NT (Male re-described from Surinam in the

*Polyplectropus narifer* Group by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 142-143, f 70, 134 Surinam)

*Polyplectropus nathalae* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus millei* KA Johanson & JB Ward, *Polyplectropus christinae* KA Johanson & JB Ward, *Polyplectropus koueus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, stream at camp, 20.58139\*S, 164.76444\*E, 1310 m, 9-xii-2003, Malaise trap, loc#074, KA Johanson; DNA voucher G4; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus nayaritensis* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Nayarit) as an unassigned *Polyplectropus* species superficially resembling *Polyplectropus panamensis* J Bueno-Soria "sensu L Botosaneanu" by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 230-231, f 16H, 120, 124 Holotype--Male; MEXICO: Nayarit, Compostela; deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico; "in poor condition" and male genitalia were "considerably damaged" (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 230) Mexico (Nayarit))

*Polyplectropus nicaraguensis* ML Chamorro-Lacayo, 2003 : NT (Male described originally

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47

Male and female redescribed from Nicaragua in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 101-103, f 50, 124 Holotype--Male; NICARAGUA: Zetaya, Rio Las Latas, 14\*04'N, 88\*33'W, 2-vi-1998, JM Maes and B Hernandez (UMSP000066727); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

*Polyplectropus nocturnus* TI Arefina, 1996 (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 Russia (Primorye))

*Polyplectropus nodyg* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus dorsospinus* KA Johanson & JB Ward, *Polyplectropus yndog* KA Johanson & JB Ward, *Polyplectropus clavus* KA Johanson & JB Ward, and *Polyplectropus aberrus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Plateau de Dogny, northern part, 21\*36.782'S, 165\*52.714'E, loc 158 (31-2001), Malaise trap, 02-05-xii-2001, KA Johanson, T Pape, B Viklund; DNA voucher C1; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus novafriburgensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described in the *Polyplectropus annulicornis* Group near *Polyplectropus alatespinus* ML Chamorro & RW Holzenthal Holotype--Male; BRAZIL: Rio de Janeiro, Nova Friburgo, mun[icipal] water supply, 950 m, 20-iv-1977, C & O Flint; UMSP000107517; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus nubigenus* (HA Hagen, 1859) : OL (Sri Lanka)

*Polycentropus nubigenus* HA Hagen, 1859

*Polyplectropus oaxaquensis* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Oaxaca) and Peru in the *Polyplectropus santiago* Group near *Polyplectropus banksianus* OS Flint by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 178, f 90, 136 Holotype--Male; MEXICO: Oaxaca, Laguna Superior de Juchitan, 30-iv-1932, A Dampf; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 178) Mexico (Oaxaca))

*Polyplectropus obed* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Polyplectropus orientalis* (R McLachlan, 1866) : OL (Listed from Indonesia (Sumatra) by H

Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Malaysia (Sabah) by J Olah & KA Johanson, 2010, Zootaxa 2435: 30 Indonesia (Sulawesi))

*Polycentropus orientalis* R McLachlan, 1866

*Polyplectropus pairavatika* J Olah & KA Johanson, 2010 : OL (Male described originally near *Polyplectropus orientalis* R McLachlan Holotype--Male; MALAYSIA: West Malaysia, W Pahang Tea Estate, 2000 ft, 1-8-xi-1981, MV light [KR Truck]; BM 1981-549; deposited in The Natural History Museum, London, United Kingdom Malaysia (Peninsular))

*Polyplectropus palma* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Polyplectropus fijianus* diagnostic species group Holotype--Male; FIJI ISLANDS: Vanua Levu, Nuvanda Forest, 2-5-ix-1975 [HS Robinson & PA Maddison]; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Vanua Levu))

*Polyplectropus panamensis* J Bueno-Soria, 1990 : NT (Male redescribed from Costa Rica and Panama in the *Polyplectropus bredini* Group near *Polyplectropus petrae* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 103, f 17D, 51, 126 Holotype--Male; PANAMA: Barro Colorado Island, C[anal] Z[one], [09°09'49"N, 079°50'16"W], vii-1967, WW Wirth; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 103) Panama)

*Polyplectropus papei* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus taoensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Plateau de Dogny, 846 m, 18-21-xi-2001, Malaise trap, 21°37.000'S, 166°52.500'E, loc 145 (15-2001), KA Johanson, T Pape, B Viklund; DNA voucher Z; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus paradelpheae* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male re-described from Costa Rica in the *Polyplectropus thilus* Species Group near *Polyplectropus yolandae* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 207-209, f 107, 126 Holotype--Male; COSTA RICA: Limon, Reserva Biologica Hitoy-Cerere, Rio Cerere, Est[acion] Miramar, 09°40'16"N, 083°01'41"W, el 90 m, 23-24-iii-1987, Holzenthal, Hamilton, Heyn; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus parakrama* F Schmid, 1958 : OL (Sri Lanka)

*Polyplectropus parangularis* BX Wang & LF Yang, 1998 : OL (China (Zhejiang))

*Polyplectropus paysandu* EB Angrisano, 1994 : NT (Male redescribed from Uruguay in the *Polyplectropus annulicornis* Group by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 68, f 32, 141 Holotype--Male; URUGUAY: Paysandu, Sta Rita, orilla Rio Uruguay, [32°07'00"S, 058°09'00"W], 01-xii-1959, CS Carbonell; Facultades de Humanidades y Ciencias, Departamento de Artropodos, Universidad de la Republica, Montevideo, Uruguay (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 68) Uruguay)

*Polyplectropus pernodensis* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus angustus* KA Johanson & JB Ward, *Polyplectropus curvispinus* KA Johanson & JB Ward, *Polyplectropus caledonia* KA Johanson & JB Ward, *Polyplectropus piroguensis* KA Johanson & JB Ward, and *Polyplectropus triangulatus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Creek Pernod, 7 m downstream bridge at Route du Carenage on Lac Yate-Prony road, 22°10.862'S, 166°50.565'E, 162 m, 10-xii-2003, light trap, loc#076, KA Johanson; DNA voucher G5; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus perpendicularis* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male and female redescribed from Costa Rica in the *Polyplectropus bredini* Group near *Polyplectropus mignonae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 104-106, f 52, 128 Holotype--Male; Costa Rica: Puntarenas, tributary to Rio Bellavista in Las Alturas (road to quarry) 8-952°N, 82-8488W, el 1480 m, 19-iii-1991, Holzenthal, Munoz, Huisman (UMSP000060984); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus perspersus* W Mey, 1998 : OL (Male described originally, closely related to

*Polyplectropus assimulans* W Mey and *Polyplectropus cardinis* W Mey Holotype--Male; Philippines: Panay, Antique, St Reminigio, Aningalan, 9-10-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Polyplectropus peruvianus* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus guyanae* Group Holotype--Male; PERU: Loreto, Callicebus Research Station, Mishana, Rio Nanay, 25 km SW Iquitos, [03°44'53"S, 073°14'50"W], 120 m, 10-17-i-1980, JB Heppner; UMSP000107492; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Polyplectropus petrae* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus bredini* Group near *Polyplectropus panamensis* J Bueno-Soria Holotype--Male; BRAZIL: Minas Gerais, Estacao Ecologica do Tripui, Corrego Tripui, 20°23'22"S, 043°32'32"W, 1070 m, 21-ii-1999, Paprocki, Braga & Amarante; UMSP000046959; Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus philippinensis* G Ulmer, 1930 : OL (Philippines)

*Polyplectropus phrixos* H Malicky & N Changthong, 2007 : OL (Male described originally near *Polyplectropus bay* H Malicky Holotype--Male; THAILAND: Pitsanulok Prov, Pu Hin Rongkla National Park, Namtok Huai Kamunnoi, 16°59'N, 101°00'E, 10-11-iv-2003, leg N Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Polyplectropus piroguensis* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus angustus* KA Johanson & JB Ward, *Polyplectropus curvispinus* KA Johanson & JB Ward, *Polyplectropus caledonia* KA Johanson & JB Ward, *Polyplectropus triangulatus* KA Johanson & JB Ward, and *Polyplectropus pernodensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Monts Kwa Ne Mwa, on road between Noumea and Yate, Riviere des Pirogues, 22°11.225'S, 166°43.338'E, 100 m, 7-xi-2003, light trap, loc#016, KA Johanson; DNA voucher G6; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus polydoros* H Malicky, 2008 : OL (Male described originally near *Polyplectropus deimos* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 13-vi-2000, B0210PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Polyplectropus prapat* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Polyplectropus pratherae* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described in the *Polyplectropus annulicornis* Group near *Polyplectropus alatespinus* ML Chamorro & RW Holzenthal Holotype--Male; BRAZIL: Minas Gerais, Parque Nacional do Caparao, Rio Caparao, Vale Verde, 20°25'02"S, 041°50'46"W, 1350 m, 12-13-iii-2002, Holzenthal, Blahnik, Paprocki & Prather; UMSP000087901; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus profaupar* RW Holzenthal & GL de Almeida, 2003 : NT (Similar to *Polyplectropus annulicornis* according to RW Holzenthal & GL de Almeida, 2003, Proc Entomol Soc Washington 105(1): 26, 29, f 4

Male and female redescribed from Brazil in the *Polyplectropus annulicornis* Group near *Polyplectropus matatlanticus* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 71-73, f 34, 141 Holotype--Male; BRAZIL: Santa Catarina, Morro da Igreja, Urubici, Cachoeira Veu da Noiva, 28°04.595'S, 49°31.090'W, el 1,300 m, 5-iii-1998, Holzenthal, Froehlich, Paprocki; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus protensus* G Ulmer, 1908 (Male and female described originally

Male and female redescribed, larva and pupa described from Japan (Honshu) by T Nozaki, N Katsuma, & T Hattori, 2010, Denisia 29: 235-236, 238, f 1a-i, 4a-c, 6a-d Holotype--Male; [JAPAN]: Akazawa (or Akasawa), 2200 Fuss, 6-8 viii 1905, SAUTER No 3937 (kamen zur Lampe); deposited in the Zoologisches Museum Hamburg, Hamburg, Germany (T Nozaki, N Katsuma, & T Hattori, 2010, Denisia 29: 235, 238) Japan)

*Polyplectropus puerilis* (R McLachlan, 1868) : AU (New Zealand)

*Polycentropus puerilis* R McLachlan, 1868

Syn.: *Polyplectropus penicillus* KAJ Wise, 1958

Syn.: *Polyplectropus puhia* AG McFarlane, 1956

*Polyplectropus pugiunculatus* L Botosaneanu, 1993 : NT (Male re-described from Trinidad & Tobago in the *Polyplectropus thilus* Species Group near *Polyplectropus venezolaus* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 209-211, f 108, 135 Holotype--Male; TRINIDAD: Northern Range, stream just below Blue Basin Waterfall, 17-iv-1991, L Botosaneanu & D Sakal; deposited in the Zoologische Museum, Universiteit van Amsterdam, Amsterdam, The Netherlands (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 209, 211) Trinidad)

*Polyplectropus puyoensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus recurvatus* (T Yamamoto) Holotype--Male; ECUADOR: Pastaza, Puyo (16 km W), 03-ii-1976, PJ Spangler; UMSP000107553; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador) *Polyplectropus ranauensis* G Ulmer, 1951 : OL (Male redescribed by H Malicky, 1998, *Linzer biol Beitr* 30(2): 800, pl 5

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra)

*Polyplectropus rectangulus* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Guangxi))

*Polyplectropus recurvatus* (T Yamamoto, 1966) : NT (Transferred from *Polycentropus* to *Polyplectropus* by OS Flint, 1968, *Proceedings of the United States National Museum* 125: 21

Male and female re-described from Colombia, Ecuador, and Venezuela in the *Polyplectropus thilus* Species Group near *Polyplectropus puyoensis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 213-216, f 110-112, 135 Holotype--Male; COLOMBIA: Tolima, 18 mi W Honda, 16-iii-1955, Schlinger & Ross; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 213, 215) Colombia)

*Polycentropus recurvatus* T Yamamoto, 1966

*Polyplectropus rehabeam* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, *Entomologica Austriaca* 16: 11, 15 Philippines)

*Polyplectropus robacki* (T Yamamoto, 1966) : NT (Transferred from *Polycentropus* to *Polyplectropus* by OS Flint, 1968, *Proceedings of the United States National Museum* 125: 21

Male re-described from Peru in the *Polyplectropus santiago* Group near *Polyplectropus brborichorum* ML Chamorro & RW Holzenthal and *Polyplectropus andinensis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 180-181, f 91, 131 Holotype--Male; PERU: Huanuco, Tingo Maria, Huallaga River, 24-27-ix-2955, Roback; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 180-181) Peru)

*Polycentropus robacki* T Yamamoto, 1966

*Polyplectropus robertsonae* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus manuensis* Group Holotype--Male; BOLIVIA: Santa Cruz, P[arque] N[acional] & A[rea] N[atural] [de] M[anejo] I[n]tegrado] Amboro, Guarda Parque Mataracu, Confluence of Quebrada Verde Uno y Dos, 17°33'11"S, 063°52'09"W, 371 m, 23-xi-2004, Robertson, Garcia, Vidaurre; UMSP000101111; deposited in the Museo de Historia Natural "Noel Kempff Mercado," Santa Cruz de la Sierra, Bolivia Bolivia)

*Polyplectropus rodmani* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus annulicornis* Group near *Polyplectropus annulicornis* G Ulmer Holotype--Male; BRAZIL: Sao Paulo, Estacao Biologica Boraceia, Rio Coruja, 23°40'06"S, 045°53'57"W, 850 m, 18-iv-1998, Holzenthal, Melo & Froehlich; UMSP000032933; Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Polyplectropus rondonienseis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus fuscatus* Group Holotype--Male; BRAZIL: Rondonia, creek 8 km S of Cacaullandia, 21-xi-1991, D Petr; UMSP000100990; deposited in the Museu de Zoologia, Universidade de Sao Paul, Sao Paulo, Brazil Brazil)

*Polyplectropus rostriformis* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Anhui))

*Polyplectropus rotundifolius* H Zhong, LF Yang, & JC Morse, 2008 : OL (Male described

originally in the *Polyplectropus inaequalis* Group near *Polyplectropus involutus* YW Lin & JC Morse Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangdong Province, Long-men County (24.48°N, 113.18°E), unnamed stream at entrance of the Mt Nankun Nature Preserve, alt 515 m, 16-v-2004, coll J Morse, LF Yang; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangdong))

*Polyplectropus san* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30

Reported from Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2435: 31 Vietnam)

*Polyplectropus santiago* (HH Ross, 1947) : NA, NT (Transferred from *Polycentropus* to

*Polyplectropus* by OS Flint, 1968, Proceedings of the United States National Museum 125: 21

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 47

Male re-described from Costa Rica, Honduras, Mexico (Nuevo Leon, San Luis Potosi), Nicaragua, Panama, and United States of America in the *Polyplectropus santiago* Group near *Polyplectropus hamulus* OS Flint by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 181-183, f 92, 97C, 122 Holotype--Male; MEXICO: Nuevo Leon, Villa Santiago, 250 m, 22-vi-1940, Hoogstraal; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 181, 183) Mexico (Nuevo Leon))

*Polycentropus santiago* HH Ross, 1947

Syn.: *Polycentropus proditus* SW Edwards, 1973

*Polyplectropus saturnus* H Malicky & T Prommi, 2006 : OL (Male described originally near *Polyplectropus anakempat* H Malicky, *P bacphanensis* W Mey, *P diastictis* W Mey, *P nahor* H Malicky & Chant, *P ranauensis* G Ulmer, and *P san* H Malicky Holotype--Male; THAILAND: Nakom Si Thammarat prov, Khao Luang National Park, Yord Leung Waterfall, 78 m, 8°38'N, 99°44'E, 3-xii-2004; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Polyplectropus simei* H Malicky, 1993 : OL (Reported from Malaysia (Sabah) by J Olah & KA Johanson, 2010, Zootaxa 2435: 31 Brunei)

*Polyplectropus sitahoan* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Polyplectropus sourya* F Schmid, 1960 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Polyplectropus spiculifer* OS Flint, 1971 : NT (Male re-described from Brazil in the *Polyplectropus santiago* Group near *Polyplectropus elongatus* (T Yamamoto) by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 183-185, f 93, 136 Holotype--Male; BRAZIL: Rio Marauia, Endstation langer Cachoeira, Flussss tritt hier aus dem Gebirge mit starkem Gefaele, 28-i-1963, EJ Fittkau; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 183, 185) Brazil)

*Polyplectropus squalus* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Chiapas) in the *Polyplectropus santiago* Group superficially resembling *Polyplectropus santiago* (HH Ross) and *Polyplectropus spiculifer* (OS Flint) by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 185-187, f 94, 121 Holotype--Male; MEXICO: Chiapas, Ocosingo, Reserva Montes Azules, 23-iv-1986, R Barba; deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 185, 187) Mexico (Chiapas))

*Polyplectropus subteres* H Zhong & L Yang, 2010 : OL (Male described originally in the *Polyplectropus curvatus* Y Li & JC Morse Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Mt Wu-Yi National Nature Preserve, Li-tou-jian Stream, 27°58'49"N, 117°51'43"E, alt 375-404 m, 05-vi-2005, Coll SUN Chang-hai, SHOU Chang-fa, ZHOU Xin; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, Peoples' Republic of China China (Jiangxi))

*Polyplectropus tachiaensis* LP Hsu & CS Chen, 1996 : OL (Taiwan)  
*Polyplectropus taleban* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Polyplectropus tam* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30)

Reported from Vietnam by J Olah & KA Johanson, 2010, Zootaxa 2435: 32 Vietnam)  
*Polyplectropus taoensis* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus papei* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Nord, Wan Pwe On Stream, draining NNE side of Mt Panie, 3.9 km NW Cascade de Tao, 20°31.820'S, 164°47.016'E, 18-xii-2003, light trap, loc#085, KA Johanson; DNA voucher H8; deposited in the National Museum of Natural History, Paris, France New Caledonia)  
*Polyplectropus tenerus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus hovmoelleri* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Reserve Speciale de faune de Col d'Amieu et Table Unio, branch of Fa Tooiri Stream, 21°34.720'S, 165°49.620'E, loc 153 (23-2001), Malaise trap 30-xi-05-xii-2001, KA Johanson, T Pape, B Viklund; DNA voucher D7; deposited in the National Museum of Natural History, Paris, France New Caledonia)  
*Polyplectropus tharah* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Polyplectropus thilus* (DG Denning, 1962) : NT (Transferred from *Polycentropus* to *Polyplectropus* by OS Flint, 1968, Proceedings of the United States National Museum 125: 21

Male re-described from Mexico (Chiapas, Jalisco) in the *Polyplectropus thilus* Species Group near *Polyplectropus carolae* J Bueno-Soria by ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 216-218, f 17E, 113, 125 Holotype--Male; MEXICO: Jalisco, 17 mi S of Mazamitla, 05-xii-1948, ES Ross; type no 9464; deposited in the California Academy of Sciences, San Francisco, California, United States of America (ML Chamorro & RW Holzenthal, 2010, Zootaxa 2582: 216, 218) Mexico (Jalisco))

*Polycentropus thilus* DG Denning, 1962

*Polyplectropus thimna* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDONESIA: Sumatra, Ache ("Aceh"), Gayo-Berge 44 km N Blangkeceren, 1800 m, ca 04°17'N, 097°05'E, 7-ii-1994; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Polyplectropus tianmushanensis* H Zhong & L Yang, 2010 : OL (Male described originally in the *Polyplectropus rostriformis* H Zhong, L-F Yang, & JC Morse Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Zhejiang Province, Mt Tian-mu, 30.4°N, 119.5°E, Xian-ren-ding, alt 1500 m, 20-vii-1998, Coll ZHAO Ming-Shui; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, Peoples' Republic of China China (Zhejiang))

*Polyplectropus tomensis* (G Marlier, 1959) : AT (Transferred from *Eodipseudopsis* to *Polyplectropus* by synonymization of those genera by J Olah & KA Johanson, 2010, Zootaxa 2435: 22 Sao Tome)

*Eodipseudopsis tomensis* G Marlier, 1959

*Polyplectropus torrenticola* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Polyplectropus tragularius* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus fuscatus* Group Holotype--Male; BRAZIL: Minas Gerais, Parque Nacional Peruacu, Rion Peruacu, 15°06'40"S, 044°14'29"W, 590 m, 16-xi-2001, Holzenthal, Amarante, Blahnik & Paprocki; UMSP000080851; deposited in the Museu de Zoologia, Universidade de Sao Paul, Sao Paulo, Brazil Brazil)

*Polyplectropus triangulatus* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus angustus* KA Johanson & JB Ward, *Polyplectropus curvispinus* KA Johanson & JB Ward, *Polyplectropus caledonia* KA Johanson & JB Ward, *Polyplectropus piroguensis* KA Johanson & JB Ward, and *Polyplectropus pernodensis* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Tontouta River, 4.8 km WSW summit of Mt Vulcain, 21°55.258'S, 166°19.895'E, 41 m, 15-xii-203, light trap, loc#083, KA Johanson; DNA voucher H9; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus tridentatus* H Zhong & L Yang, 2010 : OL (Male described originally in the *Polyplectropus tharah* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Province, Tian-lin County, Mt Cen-wang-lao Provincial Forest Preserve, Yao-shan Gou, tributary of Bu-liu River, County Road 794 marker 52.7 km,

24.47080\*N, 106.35784\*E, alt 1223 m, 09-vi-2004, Coll YANG Lian-fang, Christy Jo GERACI; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, Peoples' Republic of China China (Guangxi))

*Polyplectropus trifurcatus* H Zhong, LF Yang, & JC Morse, 2008 : OL (Male described originally near *Polyplectropus acutus* YJ Li & JC Morse Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Mt Jiulian National Nature Preserve (24\*32'N, 114\*28'E), unnamed tributary of Xiagongtang Stream, alt 630 m, 7-vi-2005, coll Xin Zhou, Chang-hai Sun; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Polyplectropus trigonius* H Zhong, LF Yang, & JC Morse, 2008 : OL (Male described originally near *Polyplectropus acuminatus* YJ Li & JC Morse

Male redescribed, reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2435: 28-30, f 41-44 Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Province, Shangsi County (22.09\*N, 107.58\*E), Mt Shiwanda National Forest Park, Shitou H, trib[utary] of Mingjiang He, 1.35 km SW of main entrance to Park, alt 300 m, 5-vi-2004, coll Lian-fang Yang, Christy Jo Geraci; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Polyplectropus trilobatus* OS Flint, 1981 : NT (Male redescribed from Venezuela in the *Polyplectropus bredini* Group near *Polyplectropus clauseni* ML Chamorro-Lacayo & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 108, f 54, 132 Holotype--Male; VENEZUELA: Aragua, Rio El Limon, fish hatchery, Maracay, [10\*14'19"N, 067\*35'45"W], 28-iv-1975, FH Weizahn; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 108) Venezuela)

*Polyplectropus tripunctatum* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus manuensis* Group Holotype--Male; PERU: Cuzco, Paucartambo to Pilcopata rd, Quebrada Quitacalzon at Puente Quitacalzon, 13\*01'34"S, 071\*29'58"W, 1050 m, 25-27-vi-1993, Blahnik & Pescador; UMSP000107421; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Peru)

*Polyplectropus truncatulus* H Zhong, L-F Yang, & JC Morse, 2006 : OL (China (Yunnan))

*Polyplectropus ulmeri* N Banks, 1937 : OL (Philippines)

*Polyplectropus ulmeriana* OS Flint, 1983 : NT (Male re-described from Argentina, Brazil, Paraguay in the *Polyplectropus narifer* Group by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 143-145, f 71, 143 Holotype--Male; ARGENTINA: Entre Rios, A[rroyo] Piray Mini W, Dos Hermanas, [33\*10'00"S, 058\*53'59"W], 23-xi-1973, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 145) Argentina)

*Polyplectropus umbonatus* A Neboiss, 1989 : OL (Indonesia (Sulawesi))

*Polyplectropus unciniformis* H Zhong, LF Yang, & JC Morse, 2008 (Male described originally near *Polyplectropus anakempat* H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Henan Province, Xinyang County (32.07\*N, 114.04\*E), Mt Jigong, 11-vii-1997, coll Bei-xin Wang; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Henan))

*Polyplectropus unicolor* N Banks, 1931 : OL (Malaysia (Sabah))

*Polyplectropus vanda* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Polyplectropus fijianus* diagnostic species group near *Polyplectropus wainimbuk* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Vanua Levu, Nuivanda Forest, 3-5-ix-1975 [GS Robinson & PA Maddison]; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Vanua Levu))

*Polyplectropus vanua* J Olah & KA Johanson, 2010 : AU (Male described originally in the *Polyplectropus fijianus* diagnostic species group near *Polyplectropus fijianus* N Banks Holotype--Male; FIJI ISLANDS: Vanua Levu, Nuivanda Forest, 3-5-ix-1975 [HS Robinson & PA Maddison]; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Vanua Levu))

*Polyplectropus vanuatu* J Olah & KA Johanson, 2010 : AU (Male described originally near *Polyplectropus lacusalbinae* DE Kimmins, *Polyplectropus manni* N Banks, *Polyplectropus fijianus* N Banks, and *Polyplectropus greenwoodi* ME Mosely Holotype--Male; VANUATU:



Aneityum Island, 1 mi N Andgauhaut, small river, 23-vii-1971, light [GS Robinson]; BM 1981-549; deposited in The Natural History Museum, London, United Kingdom Vanuatu)

*Polyplectropus venezolanus* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus Polyplectropus pugiunculatus* L Botosaneanu Holotype--Male; VENEZUELA: Sucre, Rio Cocollar, 1.5 km SE Las Piedras de Cocollar, 10°09'37"N, 063°47'36"W, 810 m, 7-8-iv-1995, Holzenthal & Flint; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Venezuela)

*Polyplectropus viklundi* KA Johanson & JB Ward, 2009 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, Sarramea, stream Xwe Wya, ca 0.9 km NE Hotel Evasion 130, 21°38.081'S, 166°51.735'E, loc 131a (10-2001), light trap 19-xi-2001, KA Johanson, T Pape, B Viklund; DNA voucher C2; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus wainimbuk* J Olah & KA Johanson, 2010 : AU (Male described originally near *Polyplectropus vanda* J Olah & KA Johanson Holotype--Male; FIJI ISLANDS: Viti Levu, Dobuilevu, Wainimbuka River, 20-i-1971 [GS Robinson]; deposited in The Natural History Museum, London, United Kingdom Fiji Islands (Viti Levu))

*Polyplectropus woldai* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally in the *Polyplectropus bredini* Group Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site nr Hornitos, 08°55'00"N, 082°16'00"W, 1050 m, 08-iii-16-v-1978, H Wolda; UMSP000100599; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Polyplectropus yndog* KA Johanson & JB Ward, 2009 : AU (Male described originally near *Polyplectropus dorsospinus* KA Johanson & JB Ward, *Polyplectropus nodyg* KA Johanson & JB Ward, *Polyplectropus clavus* KA Johanson & JB Ward, and *Polyplectropus aberrus* KA Johanson & JB Ward Holotype--Male; NEW CALEDONIA: Province Sud, Plateau de Dogny, 846 m, 18-21-xi-2001, Malaise trap, 21°37.000'S, 166°52.500'E, loc 145 (15-2001), KA Johanson, T Pape, B Viklund; DNA voucher E7; deposited in the National Museum of Natural History, Paris, France New Caledonia)

*Polyplectropus yolandae* ML Chamorro-Lacayo & RW Holzenthal, 2004 : NT (Male described originally

Male and female re-described from Costa Rica, Nicaragua, and Panama in the *Polyplectropus thilus* Species Group near *Polyplectropus zuliae* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 220-221, f 115, 130 Holotype--Male; COSTA RICA: Guanacaset, Parque Nacional Guanacaste, Estacion Maritza, Rio Tempisque, 10-958°N, 85-497°W, el 550 m, 30-31-viii-1990, Huisman, Blahnik, Quesada (UMSP000060980); deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Costa Rica)

*Polyplectropus zamoranoensis* ML Chamorro & RW Holzenthal, 2010 : NT (Male described originally from the paratype series of *Polyplectropus zaragozai* J Bueno-Soria in the *Polyplectropus santiago* Group near *Polyplectropus zaragozai* J Bueno-Soria Holotype--Male; HONDURAS: El Zamorano, 08-iv-1966, GF Freytag; UMSP000100919; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Honduras)

*Polyplectropus zaragozai* J Bueno-Soria, 1990 : NT (Male re-described from Mexico (Hidalgo) in the *Polyplectropus santiago* Group near *Polyplectropus zamoranoensis* ML Chamorro & RW Holzenthal by ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 188-191, f 96, 121 Holotype--Male; MEXICO: Hidalgo, carretera 105, a 60 kms al NO de Pachuca en el Rio Tulancingo, Puente Venados; deposited in the Instituto de Biologia, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico (ML Chamorro & RW Holzenthal, 2010, *Zootaxa* 2582: 188) Mexico (Hidalgo))

*Polyplectropus zuliae* ML Chamorro & RW Holzenthal, 2010 : NT (Male and female described originally in the *Polyplectropus thilus* Species Group near *Polyplectropus yolandae* ML Chamorro-Lacayo & RW Holzenthal Holotype--Male; VENEZUELA: Zulia, Los Angeles del Tucuco, 15-16-iv-1981, Menke & Hollenberg; UMSP000085318; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Pomphochorema* OS Flint, 1970

*Pomphochorema chilensis* OS Flint, 1970 : NT (Chile)

*Potamophylax* HDJ Wallengren, 1891

*Potamophylax albergrafia* H Malicky, 1976 (Portugal)

*Potamophylax borislavi* K Kumansk, 1975 (Range extension into River Slavora, Rila Mountains, Bulgaria by K Kumanski & H Malicky, 1999, Braueria 26: 27-30 Bulgaria)

*Potamophylax carpathicus* (J Dzieziewicz, 1912) (Reported from Romania (Eastern Carpathians, Slatioara) by L Ujvarosi, 1999("1998"), Entomologica Romanica 3: 73-78

Larval feeding behavior described by J Majecki, M Sitkowska, and B Szczesny, 2002, Proc Internatn Symp Trich 10: 545-550 Carpathian Mountains)

*Stenophylax carpathicus* J Dzieziewicz, 1912

Syn.: *Stenophylax klapaleki*, 1913

*Potamophylax cingulatus* (JF Stephens, 1837) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

*Alnus glutinosa* and *Fagus sylvatica* leaf litter limitation in stream and larval aggregation response in French stream by M Dobson, 1999, Archiv Hydrobiol 145(3): 317-329

Case abandonment behavior discussed by M Dobson, K Poynter, & H Carris, 2000, Aq Ins 22(2): 99-107

Glands of female abdominal sterna IV and V contain (S)-4-methyl-3-heptanone (4a), (4S,6S)-4,6-dimethyl-3-octanone (4b), and (4S,6S)-4,6-dimethyl-3-nonanone (4c), each eliciting response in male antennae according to J Bergmann, C Loeffstedt, VD Ivaov, & W Francke, 2001, Eur J Org Chem 2001: 3175-3179

Influence in mediating breakdown rates of beech leaves in circumneutral and acidic forest streams reported by O Dangles & F Guerold, 2001, Archiv fuer Hydrobiologie 151(4): 649-666

Larva of this species or of *P latipennis* used cases of *Sericostoma* sp or *Schizopelex* sp for construction of their own cases according to L Boyero & PC Barnard, 2004, J Natr Hist 38: 1297-1301

Males and females produce and detect (1R,3S,5S,7S)-1-ethyl-3,5,7-trimethyl-2,8-dioxabicyclo[3.2.1]octane according to J Bergmann, C Loeffstedt, VD Ivanov, & W Francke, 2004, Tetrahedron Letters 43: 3669-3672

Degree of intolerance score (DIS) of 8.24 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Predation on eggs of northern speckled salamander, *Salamandrina perspicillata* reported by A Romano, C Spilinga, F Montioni, David Fiacchini, & B Ragni, 2008, Acta Herpetologica 3(1): 71-75

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 120  
Britain)

*Halesus cingulatus* JF Stephens, 1837

*Potamophylax cingulatus alpinus* W Tobias, 1994 (~cingulatus (JF Stephens, 1837, Ill Brit Ent 6:  
209), Halesus

Timing of change in case building materials discussed by H Zintl, 2002, Proc Internatn Symp  
Trich 10: 459-466)

*Potamophylax cingulatus depilis* B Szczesny, 1994 (  
~cingulatus (JF Stephens, 1837, Ill Brit Ent 6: 209), Halesus

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20)

*Potamophylax cingulatus gambaricus* H Malicky, 1971 (Described originally as a subspecies of  
*Potamophylax cingulatus* JF Stephens

Elevated to species by GP Moretti, B Szczesny, & W Tobias, 1994, Senckenbergiana biologia 74:  
95, f 19-26

Returned to subspecies of *Potamophylax cingulatus* JF Stephens by H Malicky, 2005, Linzer biol  
Beitr 37(1): 578

Morphology of genitalia (as *Potamophylax gambaricus spinulifer*) described by F Cianficconi, S  
Mazzerioli, G Moretti, & P Salerno, 1999, Boll Soc Entomol Ital 131(2): 147-177

Larva and case (as *Potamophylax gambaricus spinulifer*) described, compared with those of  
*Potamophylax inermis* by F Cianficconi & A Speziale, 2004, Braueria 31: 11-12

*Potamophylax gambaricus* reduced to subspecies of *Potamophylax cingulatus* JF Stephens by H  
Malicky, 2005, Linzer biol Beitr 37(1): 578

Habitat in hygropetric mosses (as *Potamophylax gambaricus spinulifer*) discussed by F  
Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005,  
Proc Internatn Symp Trichoptera 11: 91-99

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007,  
Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the  
International Symposium on Trichoptera 12: 76)

*Potamophylax cingulatus ibericus* B Szczesny, 1994 (  
~cingulatus (JF Stephens, 1837, Ill Brit Ent 6: 209), Halesus)

*Potamophylax cingulatus inermis* GP Moretti & F Cianficconi, 1994 (Described originally as a  
species

Protozoan parasite, *Pomania morettii*, attachment device of trophozoite to midgut,  
ultrastructural observations by MC Biccierai & C Corallini-Sorcetti, 1999, Proc internatn symp  
Trich 9: 25-31

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Larva and case described, compared with those of *Potamophylax gambaricus spinulifer* by F  
Cianficconi & A Speziale, 2004, Braueria 31: 11-12

Subspecies of *Potamophylax cingulatus* JF Stephens, 1837, according to H Malicky, 2005, Linzer  
biol Beitr 37(1): 578

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005,

Proc Internatn Symp Trichoptera 11: 91-99

Peritrophic membrane morphology and synthesis (as *Potamophylax intermis*) discussed by C Corallini, 2005, Proc Internatn Symp Trichoptera 11: 101-106

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Potamophylax cingulatus spinulifer* GP Moretti, 1994 (Described originally as a subspecies of *Potamophylax gambaricus* H Malicky

Morphology of genitalia by F Cianficconi, S Mazzerioli, G Moretti, & P Salerno, 1999, Boll Soc Entomol Ital 131(2): 147-177

Larva and case described, compared with those of *Potamophylax inermis* by F Cianficconi & A Speziale, 2004, Braueria 31: 11-12

*Potamophylax gambaricus* reduced to subspecies of *Potamophylax cingulatus* JF Stephens by H Malicky, 2005, Linzer biol Beitr 37(1): 578

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99)

*Potamophylax goulandrionum* H Malicky, 1974 (First record for Macedonia by K Kumanski & H Malicky, 1999, Braueria 26: 27-30 Greece)

*Potamophylax gurunaki* H Malicky, 1992 (Greece)

*Potamophylax haidukorum* H Malicky, 1999 (Bosnia)

*Potamophylax juliani* K Kumanski, 1999 (Bulgaria)

*Potamophylax jungi* W Mey, 1976 (Female described, distribution records, systematics by L Ujvarosi & S Nogradi, 1999, Braueria 26: 24, figs Roumania)

*Potamophylax latipenne* (J Curtis, 1834) : PA (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Glands of female abdominal sterna IV and V contain (S)-4-methyl-3-heptanone (4a), (4S,6S)-4,6-dimethyl-3-octanone (4b), and (4S,6S)-4,6-dimethyl-3-nonanone (4c), each eliciting response in male antennae according to J Bergmann, C Loeffstedt, VD Ivaov, & W Francke, 2001, Eur J Org Chem 2001: 3175-3179

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Larva of this species or of *Potamophylax cingulatus* used cases of *Sericostoma* sp or *Schizopelex* sp for construction of their own cases according to L Boyero & PC Barnard, 2004, J Natr Hist 38: 1297-1301;

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Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120  
(Britain)

*Limnephilus latipenne* J Curtis, 1834

Syn.: *Limnephilus stellatus* J Curtis, 1834

Syn.: *Phryganea fasciata* JF Gmelin, 1789

Syn.: *Phryganea guttifera* JW Zetterstedt, 1840

Syn.: *Phryganea laciniosa* JF Gmelin, 1789

Syn.: *Phryganea pantherina* FJ Pictet, 1834

*Potamophylax luctuosus* (M Piller & L Mitterpachfer, 1783) (Reported from Italy by E Bertuetti, O Lodovici, & M Valle, 2004, *Braueria* 31: 25-26

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 no locality mentioned)

*Phryganea luctuosus* M Piller & L Mitterpachfer, 1783

Syn.: *Anabolia gigantea* F Brauer, 1857

Syn.: *Stenophylax excisus* AV Martynov, 1926

Syn.: *Stenophylax pantherinus variety brittingeriana* F Kolenati, 1848

Syn.: *Stenophylax pantherinus variety geometrina* F Kolenati, 1848

*Potamophylax luctuosus armeniacus* W Mey, 1979 (

~*luctuosus* (M Piller & L Mitterpacher, 1783, Iter per Poseganam p 85, pl 6 f 6), *Phryganea*)

*Potamophylax millenii* (F Klapalek, 1899) (Hungary)

*Stenophylax millenii* F Klapalek, 1899

*Potamophylax nigricornis* (FJ Pictet, 1834) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Larval abdominal segment I illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, *Aq Ins N Europe* f 104

Larva described by O Kiss, 2001, *Folia Historico Naturalia Musei Matraensis* 25: 113-120

Case-building strategy discussed by G Kriska & S Andrikovics, 2001, *Allattani Kozlemlenyek* 86: 15-27

Larva described and diagnosed by G Urbanic & J Waringer, 2002, *Lauterbornia* 43: 101-109

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 (Switzerland)

*Phryganea nigricornis* FJ Pictet, 1834

Syn.: *Stenophylax aculeatus* L Navas, 1919

Syn.: *Stenophylax areatus* F Kolenati, 1856

*Potamophylax nigricornis elegantulus* F Klapalek, 1899 (described originally as a species of *Stenophylax*

a variety of *Potamophylax nigricornis* according to FCJ Fischer, 1969, *Trich Cat* 10: 153

~*nigricornis* (FJ Pictet, 1834, *Rech Phryg* p 136-137, ppl 6 f 4 a-d), *Phryganea*)

*Potamophylax nigricornis mista* L Navas, 1918 (described originally as a species of *Stenophylax*

a variety of *Potamophylax nigricornis* according to FCJ Fischer, 1969, *Trich Cat* 10: 153

~*nigricornis* (FJ Pictet, 1834, *Rech Phryg* p 136-137, ppl 6 f 4 a-d), *Phryganea*)

*Potamophylax nigricornis testaceus* (JW Zetterstedt, 1840) (Described originally as a species *Phryganea testacea*)

a variety of *Stenophylax nigricornis* according to F Brauer, 1876, *Festschr zool bot Ges* p 286

~*nigricornis* (FJ Pictet, 1834, *Rech Phryg* p 136-137, ppl 6 f 4 a-d), *Phryganea*)

*Phryganea nigricornis testaceus* JW Zetterstedt, 1840

*Potamophylax pallidus* (F Klapalek, 1899) (Larva and life cycle described by G Urbanic & J Waringer, 2002, *Lauterbornia* 43: 101-109 Bosnia)

*Stenophylax pallidus* F Klapalek, 1899

*Potamophylax rotundipennis* (F Brauer, 1857) : PA (Male redescribed by K Kumanski, 1993, *Hist natr bulg* 4: 40-42, f 1A-E)

Spermatocyte ultrastructure described by C Klein & KW Wolf, 1997, *Tissue & Cell* 29(3): 283-291

First record for Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, *Acta Entomol Slovenica* 8(1): 43-48

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13 Austria)

*Anabolia rotundipennis* F Brauer, 1857

Syn.: *Stenophylax hieroglyphicus*, 1871

Syn.: *Stenophylax pilosus* F Kolenati, 1848

*Potamophylax schmidi* M Marinkovic-Gospodnetic, 1971 (Described originally as a doubtful new species, with possible syn *Psilopteryx bosniaca* Bosnia)

*Potamophylax seprus* J Olah, O Lodovici, & M Valle, 2011 (Male described originally in the *Potamophylax latipennis* Group near *Potamophylax goulandrionum* H Malicky Holotype--Male; ALBANIA: Skrapar County, Tomor Mts, Kulmak Pass, mountain grassland near the bektashi teqe, 40°37'N, 20°11'E, 1485 m, 23-viii-2006, leg Z Feher, A Hunyadi, T Huszar, & D Muranyi; deposited in the Hungarian Natural History Museum, Budapest, Hungary Albania)

*Potamophylax winneguthi* (F Klapalek, 1902) (Diagnostic characters, lectotype designated by K Kumanski & H Malicky, 1999, *Braueria* 26: 27-30 Bosnia)

*Stenophylax winneguthi* F Klapalek, 1902

*Potamyia* N Banks, 1900

*Potamyia alleni* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed in the *Potamyia czechanovskii* Group by J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 754, f 38)

Belonging in the *Potamyia czechanovskii* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 232 Holotype--Male; THAILAND: Doi Inthanon, 1200 m, 10 September 1988, Allen (J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 754) Thailand)

*Potamyia andoba* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group)

Belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 229 Holotype--Male; MADAGASCAR: Tulear Province, Antsalova District, Andobo, Antsingy Forest Natural Reserve, March 1959, Paulian; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia andria* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group near *Potamyia tofina* J Olah & PC Barnard)

Belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 229 Holotype--Male; MADAGASCAR: North District Diego Suarez, Analamerana, 80 m asl, 50 km SE of Diego Suarez, January 1959, Andria; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia arachne* H Malicky, 1998 : OL (Male redescribed in the *Potamyia trenhona* Group from India by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752, f 27)

Holotype--Male; MYANMAR: Mandalay Division, Ayeyarwady (= Irrawady), 7 February 1998, Heiss (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752) Myanmar  
*Potamyia assamana* J Olah & PW Scheffter, 2008 : OL (Male described originally in the *Potamyia trenhona* Group near *Potamyia daphne* H Malicky Holotype--Male; INDIA: Assam, Kameng, Salary, 9-vii-1961, F Schmid; pinned; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada India)  
*Potamyia aureipennis* (G Ulmer, 1930) : OL (Male redescribed by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748, f 7

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Fort de Kock, 920 m, April 1921, Jacobson; deposited in the Zoologisches Institut und Zoologisches Museum, Hamburg, Germany (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748) Indonesia (Sumatra)

*Hydropsychodes aureipennis* G Ulmer, 1930

*Potamyia baenzigeri* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed, species credited only to H Malicky, by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748, f 8 Holotype--Male; THAILAND: Jaeson National Park, Nam Mae Mon, 10-11 January 1997, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748) Thailand)

*Potamyia bicornis* Y Li & L Tian, 1996 : OL (Male redescribed in the *Potamyia czekanovskii* Group by J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 754, f 39

Belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 232 Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Xi-zang, Tongchong, V-22, 1983, Tian Li-xin; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Tibet)

*Potamyia chaos* H Malicky & I Thani, 2000 : OL (Male redescribed in the *Potamyia trenhona* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752, f 28 Holotype--Male; THAILAND: Heawloam, 9\*44'N, 98\*40'E, 140 m, 5 April 1998, Thani (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752) Thailand)

*Potamyia chekiangensis* (F Schmid, 1965) : OL (Transferred to *Potamyia* from *Cheumatopsyche*, male redescribed in the *Potamyia chinensis* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751, f 20

*Potamyia parva* L Tian & Y Li, 1991("1987"), was cited as a synonym of *Potamyia chekiangensis* (F Schmid) by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751, but see *Cheumatopsyche chinensis* AV Martynov, 1930

Synonymized with *Potamyia chinensis* AV Martynov, 1930, by J Olah, JC Morse, and C Sun, 2008, Braueria 35: 9 -- since *Potamyia chinensis* AV Martynov, 1930, is preoccupied in *Potamyia* by *Potamyia chinensis* G Ulmer, 1915, *Potamyia chekiangensis* (F Schmid, 1965) becomes the name of the species since it is the oldest available synonym Holotype--Male; CHINA: West Tien-mu-shan, 19 September 1932; deposited in the Zoologisches Forschungsinstitut und Museum A Koenig, Bonn, Germany (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751) China (Zhejiang)

*Cheumatopsyche chekiangensis* F Schmid, 1965

Syn.: *Potamyia chinensis* AV Martynov, 1930

Syn.: *Potamyia martynovi*, 2008

*Potamyia chinensis* (G Ulmer, 1915) : OL (Transferred to *Potamyia* by L Tian & Y Li, 1987, Proceedings of the International Symposium on Trichoptera 5: ???[125-129]

Male redescribed in the *Potamyia chinensis* Group from Vietnam by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751, f 21, 22

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi,

2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Holotype; CHINA (Beijing and Honanfu); deposited in Museum fuer Naturkunde an der Humboldt-Universität zu Berlin, Germany (J Olah, JC Morse, & C Sun, 2008, Braueria 35: 9) China (Beijing, Honanfu))

*Hydropsyche chinensis* G Ulmer, 1915

Syn.: *Cheumatopsyche tienmuica* F Schmid, 1965

Syn.: *Hydropsyche echigoensis* M Tsuda, 1949

*Potamyia czekanovskii* (AV Martynov, 1910) (Male genitalia illustrated from Korea by K Kumanski, 1992, Ins Koreana 9: 67, f 52-54

Listed from China (Xinjiang) as *Potamyia czekanovskii* AV Martynov by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470

Reported from China (Xinjiang, Altai Region) as *Potamyia czekanovskii* by W Wang, JH Zhang, & JY Zhu, 2006, Journal of Shihezi University (Natural Science) 24(5): 544, f 3a-d

Reported from Siberia (Novosibirsk) as *Potamyia czekanovskii* by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Male redescribed in the *Potamyia czekanovskii* Group by J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 754, f 40

Belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 232

Reported from northern middle Siberia as *Potamyia czekanovskii* by MA Beketov, 2008, Entomological News 119(3): 299-302

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Syntypes--Male and Female; RUSSIA: Siberia, Upper Tunguska; deposited in the Zoological Institute, St. Petersburg, Russia (J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 754) Russia (Siberia))

*Hydropsyche czekanovskii* AV Martynov, 1910

*Potamyia daphne* H Malicky, 1998 : OL (Male redescribed in the *Potamyia trenhona* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752, f 29, 30

New records from India, belonging in the *Potamyia trenhona* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 231 Holotype--Male; INDIA: Kerala, Kallar-Tal, 1-9 May 1997, Dembicky & Pacholatko (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752) India)

*Potamyia dentifera* (G Ulmer, 1930) : OL (Male redescribed in the *Potamyia chinensis* Group near *Potamyia chinensis* (G Ulmer) by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751, f 23 Holotype--Male; INDONESIA: Java, Nongkodjadjar, January 1911; deposited in the Zoologisches Institut und Zoologisches Museum, Hamburg, Germany (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 751) Indonesia (Java))

*Hydropsyche dentifera* G Ulmer, 1930

*Potamyia dryope* H Malicky & I Thani, 2000 : OL (Male redescribed in the *Potamyia chinensis* Group from Malaysia by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752, f 24 Holotype--Male; THAILAND: Krabi Kao Phanom Bencha Natioan Park, 8\*13'N, 98\*58'E, 100 m, 17 October 1999, Thani (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 752) Thailand)

*Potamyia elektra* H Malicky & P Chantaramongkol, 2001 : OL (Male described originally

Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748, f 9 Holotype--Male; THAILAND: Province Mae Hong Son, Muang Pai Resort (5 km NW Pai), 800 m, 19\*23'N, 98\*24'E, 10-27 January 2000, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 748) Thailand)

*Potamyia epigona* H Malicky & P Chantaramongkol, 2001 : OL (Male described originally



Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 748, f 10 Holotype--Male; THAILAND: Province Mae Hong Son, Huai Pang Paek (14 km NW Pai), 1200 m, 19°26'N, 98°20'E, 27 April 2000, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 748) Thailand)

*Potamyia euadne* H Malicky & N Sangpradub, 2001 : OL (Male described originally)

Male redescribed in the *Potamyia czekanovskii* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 755, f 41

Belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 232 Holotype--Male; THAILAND: Province Mae Hong Son, Ban Huai Hia, 1100 m, 19°39'N, 98°14'E, 15 April 2000, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 755) Thailand)

*Potamyia flava* (HA Hagen, 1861) : NA (Male redescribed in the *Potamyia flava* Group near *Potamyia straminea* R McLachlan by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 748-749, f 11 Lectotype--Male; UNITED STATES OF AMERICA: Missouri, St. Louis, 1859, Sacken; designated by HH Ross, 1938, *Psyche* 45: 19; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 748) United States of America)

*Macronema flava* HA Hagen, 1861

Syn.: *Hydropsyche kansensis* N Banks, 1905

*Potamyia flavata* (N Banks, 1934) : OL (Use as indicator species discussed by S Cheunbarn & P Chantaramongkol, 2005, *Proc Internatn Symp Trich* 11: 85-90

Male redescribed from Vietnam in the *Potamyia czekanovskii* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 755, f 42

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand, Malaysia, and Indonesia (Bali, Java, Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

Belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 232

Holotype--Male; MALAYSIA: Kuala Lumpur; deposited in The Natural History Museum, London, United Kingdom (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 755) Malaysia (Peninsular))

*Hydropsyche flavata* N Banks, 1934

Syn.: *Potamyia proboscida* Y Li & L Tian, 1996

Syn.: *Synaptopsyche klakahana* G Ulmer, 1951

*Potamyia fulvescens* (L Navas, 1932) : OL (Male redescribed by W Mey, 1998, *Opusc Zool Fluminensia* 165: 15, f 51-53 in genus *Potamyia* near *Potamyia chekiangensis* (F Schmid, 1965)

Reported from Vietnam, as *Cheumatopsyche fulvescens* and *Potamyia fulvescens*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 31, 32

Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 749, f 12 Lectotype--Male; Tonkin [= VIETNAM]: Cha pa [= Sa Pa], Getelot; deposited in the Musee Nationale d'Histoire Naturelle, Paris, France; designated by W Mey, 1998, *Opusc Zool Fluminensia* 165: 15 Vietnam)

*Ulmeria fulvescens* L Navas, 1932

*Potamyia hoenei* (F Schmid, 1965) : OL (Transferred from *Cheumatopsyche* to *Potamyia*, male redescribed near *Potamyia trenhona* J Olah & PC Barnard by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752, f 31 Holotype--Male; CHINA: N Yunnan Province, Li Kiang, 5 June 1934, Hoene; deposited in the Zoologisches Forschungsinstitut und Museum A Koenig, Bonn, Germany (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752)

China (Yunnan))

*Cheumatopsyche hoenei* F Schmid, 1965

*Potamyia horvati* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed in the *Potamyia czekanovskii* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 755, f 43

Belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 232 Holotype--Male; THAILAND: Doi Inthanon, 10 September 1988, Allen (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 755) Thailand)

*Potamyia huberti* H Malicky, 1997 : OL (

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32

Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 749, f 12 Holotype--Male; VIETNAM: Nam Cat Tien, 200 m, 17-25 June 1995, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 749) Vietnam)

*Potamyia ifanadiana* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group

New records from Madagascar, belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 229 Holotype--Male; MADAGASCAR: Ifanadiana, Ranomafana, March 1955, Paulian; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia jinhongensis* Y Li & L Tian, 1996 : OL (Male redescribed in the *Potamyia trenhona* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 753, f 32 Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan, Jin-hong, 19 August 1983, Tian Lixin; deposited in Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Potamyia johansoni* J Olah, 2007 : OL (Male and female described originally in the *Potamyia flava* Group Holotype--Male; LAOS PDR: Luang Namtha Prov, Tong Om Village, 552 m, 47Q 0750111, UTM 2321825, 1 May 2005, light trap, loc 30, N Joensson, T Malm, and B Viklund leg; deposited in the collection of the Entomology Department of the Swedish Museum of Natural History, Stockholm, Sweden Laos)

*Potamyia karafa* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group near *Potamyia korasha* J Olah & PC Barnard

Belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 229 Holotype--Male; MADAGASCAR: Ampijoroa, Forest Ankarafantsika, 30 August 1956, Griveaud; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia korasha* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group near *Potamyia karafa* J Olah & PC Barnard

Belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 229 Holotype--Male; MADAGASCAR: Moheli Island, October 1955, Paulian; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia nikalandugola* (F Schmid, 1958) : OL (Transferred from *Synaptopsyche* to *Potamyia*, male redescribed in the *Potamyia czekanovskii* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 755, f 44

Reported from India, belonging in the *Potamyia czekanovskii* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 231-232 Holotype--Male; SRI LANKA: Deniyaya, 5 February 1954, Schmid (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 755) Sri Lanka)

*Synaptopsyche nikalandugola* F Schmid, 1958

*Potamyia nuonga* J Olah & PC Barnard, 2006 : OL (Male described originally in the *Potamyia flava* Group

Reported from China (Guangdong, Sichuan, Yunnan) as *Potamyia parva* L Tian & Y Li by L Tian, L Yang, & Y Li, 1996, Economic Insect Fauna of China 49, Science Press, Beijing, p 140, f

218a-d

Reported from additional localities in China (Yunnan) by J Olah, JC Morse, & C Sun, 2008, *Braueria* 35: 9 Holotype--Male; VIETNAM: Moc Chau National Reserve, 25 October 1986, at light, Olah; deposited in the J Olah Collection, Debrcen, Hungary Vietnam)

Syn.: *Potamyia parva*

*Potamyia ovalis* F Gui & L Yang, 1999 : OL (Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750, f 15 Holotype--Male; CHINA: Yunnan Province, Menghai County, Nanlan River, 2 km south of Daluo town, 620 m, 22 July 1995, SUN Changhai and WANG Beixin (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750) China (Yunnan))

*Potamyia pallidipennis* (AV Martynov, 1935) : OL (Transferred from *Hydropsyche* to *Potamyia*, male redescribed in the *Potamyia chinensis* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752, f 25

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; INDIA: Kumaon Hills, Katarmal, 4500 ft, Almora District UP, 29 May 1930, HS Pruthi (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752) India)

*Hydropsyche pallidipennis* AV Martynov, 1935

*Potamyia panakeia* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750, f 16 Holotype--Male; THAILAND: Doi Ithanon, Mae Klang, 400 m, 11 April 1989, H Malicky (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750) Thailand)

*Potamyia peitho* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed in the *Potamyia czezanovskii* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 756, f 45

Belonging in the *Potamyia czezanovskii* Species Group according to J Olah & KA Johanson, 2008, *Zootaxa* 1802: 232

Distributed in Thailand and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Holotype--Male; THAILAND: Doi Puka, 1200 m, 5 October 1991, Schwendinger (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 756) Thailand)

*Potamyia periboia* H Malicky & P Chantaramongkol, 1997 : OL (Male redescribed in the *Potamyia chinensis* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752, f 26 Holotype--Male; THAILAND: Pai, 600 m, 30-31 March 1997, Stengel (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 752) Thailand)

*Potamyia phaidra* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 32

Male redescribed from Vietnam in the *Potamyia trenhona* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 753, f 33, 34 Holotype--Male; THAILAND: Pai, 600 m, 30-31 March 1997, Stengel (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 753) Thailand)

*Potamyia psamathe* H Malicky, 2004 (Male described originally

Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750, f 17

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Holotype--Male; IRAN: Provinz Busher, Sued-Zagros bei Dalekhi, 400 m, 24-25-x-2003, leg P Gyulai and A Garai; deposited in the H Malicky collection, Lunz am See, Austria Iran)

*Potamyia renatae* H Malicky, 1997 : OL (Male redescribed in the *Potamyia flava* Group by J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750, f 18

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: Trisuli River, 600-750 m, Allen (J Olah, PC Barnard, & H Malicky, 2006, *Linzer Biol Beitr* 38(1): 750) Nepal)

*Potamyia siveci* H Malicky, 1997 : OL (Male redescribed in the *Potamyia trenhona* Group by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 753, f 35

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, 20 June - 17 July 1971, Diehl (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 753) Indonesia (Sumatra)

*Potamyia straminea* (R McLachlan, 1875) : PA (Transferred to *Potamyia* from *Cheumatopsyche* by H Malicky, 1997, Linzer biol Beitr 29(2): 1038

Listed from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 557

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470

Male redescribed in *Potamyia flava* Group from Turkestan, Afghanistan, Pakistan, and China (Aksu, Xinjan autonomous region), lectotype of *Potamyia trilobata* designated (China: Peking, August 1929, Wu; deposited in the Zoologisches Institut und Zoologisches Museum, Hamburg, Germany) by J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 750, f 19 "Habitat in valle Sarafschanensi, in deserto Kisil-kum et in regno Kokanico"

Syntypes--Male and Female; Turkestan, Fedtshenko; deposited in The Natural History Museum, London, United Kingdom (J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 750) Uzbekistan (Turkestan))

*Hydropsyche straminea* R McLachlan, 1875

Syn.: *Potamyia trilobata* G Ulmer, 1932

*Potamyia tofina* J Olah & PC Barnard, 2006 : AT (Male described originally in the *Potamyia ifanadiana* Group near *Potamyia andria* J Olah & PC Barnard

New records from Madagascar, belonging in the *Potamyia ifanadiana* Species Group according to J Olah & KA Johanson, 2008, Zootaxa 1802: 229 Holotype--Male; MADAGASCAR: District Fiananantsoa, Ambatofinandrahana, July 1957, Paulian; deposited in the J Olah Collection, Debrcen, Hungary Madagascar)

*Potamyia trenhona* J Olah & PC Barnard, 2006 : OL (Male described originally in the *Potamyia trenhona* Group near *Potamyia phaidra* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Lamdong, Baoloc, Loc Chau, 24 October 1988, at light, Olah; deposited in the J Olah Collection, Debrcen, Hungary Vietnam)

*Potamyia yunnanica* (F Schmid, 1959) : OL (Male redescribed in the *Potamyia trenhona* Group near *Potamyia phaidra* H Malicky & P Chantaramongkol by J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 754, f 37 Holotype--Male; CHINA: N Yunnan Province, Li Kiang, 16 May 1934, Hoene; deposited in the Museum fuer Naturkunde an der Humboldt-Universitaet zu Berlin, Germany (J Olah & PC Barnard, 2006, in J Olah, PC Barnard, & H Malicky, 2006, Linzer Biol Beitr 38(1): 754) China (Yunnan))

*Cheumatopsyche yunnanica* F Schmid, 1959

*Proradema* W Mey, 1993

*Proradema furcatella* W Mey, 1993 (Russia (southeastern Siberia))

*Protobaicalina* VD Ivanov & TV Menshutkina, 1996

subgenus *Protobaicalina* VD Ivanov & TV Menshutkina, 1996

*Protobaicalina (Protobaicalina) hageni* VD Ivanov & TV Menshutkina, 1996 (Russia (Lake Baikal))

*Protobaicalina (Protobaicalina) spinosa* (AV Martynov, 1914) (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 33 Russia (Lake Baikal))

*Baicalina spinosa* AV Martynov, 1914

subgenus *Pseudobaicalina* VD Ivanov & TV Menshutkina, 1996

*Protobaicalina (Pseudobaicalina) multispinosa* (W Mey, 1994) (Russia (Lake Baikal))

*Apatania multispinosa* W Mey, 1994

*Protobaicalina (Pseudobaicalina) nigrostriata* (AV Martynov, 1914) (Russia (Lake Baikal))  
*Apatania nigrostriata* AV Martynov, 1914

*Protodipseudopsis* G Ulmer, 1909

*Protodipseudopsis bicincta* N Banks, 1920 : AT (Cameroon)  
*Protodipseudopsis congolana* L Navas, 1930 : AT (Democratic Republic of the Congo)  
Syn.: *Macronema nigriceps* L Navas, 1932  
*Protodipseudopsis decolorata* G Ulmer, 1912 : AT (Equatorial Guinea)  
*Protodipseudopsis laticornis* DG Gibbs, 1973 : AT (Ghana)  
*Protodipseudopsis sjoestedti* G Ulmer, 1909 : AT (Cameroon)

*Protomacronema* G Ulmer, 1904

*Protomacronema africana* G Ulmer, 1905 : AT ([G Ulmer, 1907, Cat Coll zool Selys 6(2): 36, f 28-30, in part, as synonym of *Protomacronema pubescens*, DE Kimmins, 1962, Ent Mon Mag 98: 100-101, as distinct species] West Africa)  
*Protomacronema barnardi* B Statzner & FM Gibon, 1984 : AT (Ivory Coast)  
*Protomacronema divisum* L Navas, 1930 : AT (Democratic Republic of the Congo)  
*Protomacronema furcatum* (S Jacquemart & B Statzner, 1981) : AT (Democratic Republic of the Congo)  
*Macronema furcatum* S Jacquemart & B Statzner, 1981  
*Protomacronema hyalinum* G Ulmer, 1904 : AT (Democratic Republic of the Congo)  
*Protomacronema pubescens* G Ulmer, 1904 : AT (Cameroon)  
*Protomacronema splendens* G Ulmer, 1905 : AT (Gabon)  
*Protomacronema tanganikae* S Jacquemart, 1968 : AT (Democratic Republic of the Congo)  
*Protomacronema testaceum* L Navas, 1934 : AT (Guinea)

*Protoptila* N Banks, 1904

*Protoptila alexanderi* HH Ross, 1941 : NA, NT (Flight period, voltinism by DC Houghton & KW Stewart, 1998, Entomol News 109(2): 103-109

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)  
*Protoptila altura* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)  
*Protoptila alumnorum* PA Rueda Martin & FM Gibon, 2008 : NT (Male described originally near *Protoptila dubitans* ME Mosely Holotype--Male; BOLIVIA: Rio Yara, at the crossing with the road Caranavi/Quiquibey, 20-xii-2002, FM Gibon col; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina Bolivia)  
*Protoptila arca* Edwards & Arnold, 1961 (Male, female, pupa described originally

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)  
*Protoptila balmorhea* HH Ross, 1941 : NA (Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)  
*Protoptila bicornuta* OS Flint, 1963 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Honduras)  
*Protoptila boruca* OS Flint, 1974 : NT (Costa Rica)  
*Protoptila bribri* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)  
*Protoptila burica* OS Flint, 1974 : NT (Costa Rica)  
*Protoptila cahabensis* SC Harris, 1989 : NA (United States of America)  
*Protoptila cana* OS Flint, 1974 : NT (Costa Rica)  
*Protoptila cardela* ME Mosely, 1954 : NT (Mexico (Veracruz))  
*Protoptila chitaria* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)  
*Protoptila choluteca* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Honduras)  
*Protoptila chontala* OS Flint, 1974 : NT (Mexico (Tabasco))  
*Protoptila coloma* HH Ross, 1941 : NA (United States of America)

*Protoptila colombiensis* OS Flint, 1974 : NT (Colombia)  
*Protoptila condylifera* OS Flint, 1971 : NT (Brazil)  
*Protoptila cora* OS Flint, 1983 : NT (Paraguay)  
*Protoptila cristata* OS Flint, 1967 : NT (Mexico (Veracruz))  
*Protoptila cristula* RW Holzenthal & RJ Blahnik, 2006 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Costa Rica)  
*Protoptila ctenacantha* OS Flint, 1974 : NT (Surinam)  
*Protoptila ctlopsis* OS Flint, 1974 : NT (Surinam)  
*Protoptila curiosa* OS Flint, 1974 : NT (Colombia)  
*Protoptila delaca* ME Mosely, 1954 : NT (Mexico (Veracruz))  
*Protoptila diablita* DR Robertson & RW Holzenthal, 2008 : NT (Male described originally near *Protoptila bribri* RW Holzenthal & RJ Blahnik  
Holotype--Male; BOLIVIA: La Paz, ANMI [Area Natural de Manejo Integrado] Madidi, Raya Mayo river at Wabacuro trail, Chalalan Ecologe, 14°26'33"S, 067°54'39"W, 351 m, 28-vii-2003, Robertson and Blahnik; UMSP000086363, pinned; deposited in the Museo de Historia Natural Noel Kempff Mercado, Sant Cruz de la Sierra, Bolivia Bolivia)  
*Protoptila disticha* OS Flint, 1971 : NT (Brazil)  
*Protoptila dominicensis* OS Flint, 1968 : NT (Dominica)  
*Protoptila dubitans* ME Mosely, 1939 : NT (Reported from Bolivia by DR Robertson & RW Holzenthal, 2008, Annals of the Entomological Society of America 101(3): 470

Reported from Bolivia and northwestern Argentina by PAR Martin & FM Gibon, 2008, Ann Limn - International Journal of Limnology 44(3): 215 Holotype--Male; BRAZIL: Santa Catarina, Nova Teutonia; deposited in The Natural History Museum, London, United Kingdom (DR Robertson & RW Holzenthal, 2008, Annals of the Entomological Society of America 101(3): 470) Brazil)

*Protoptila ensifera* OS Flint, 1971 : NT (Brazil)  
*Protoptila erotica* HH Ross, 1938 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 United States of America)

*Protoptila fimbriata* OS Flint, 1981 : NT (Venezuela)  
*Protoptila flexispina* OS Flint, 1971 : NT (Brazil)  
*Protoptila georgiana* DG Denning, 1948 : NA (United States of America)  
*Protoptila goitiai* PA Rueda Martin & FM Gibon, 2008 : NT (Male described originally near *Protoptila dubitans* ME Mosely Holotype--Male; BOLIVIA: Cochabamba, from a small tributary of the Rio Espiritu Santo (Chipiriri near Villa Tunari), 25-ix-2003, 16°50'45"S, 065°25'33"W, E Goitia col; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina Bolivia)  
*Protoptila guarani* OS Flint, 1974 : NT (Paraguay)  
*Protoptila guata* ME Mosely, 1954 : NA ( Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Sinaloa))  
*Protoptila huasteca* OS Flint, 1967 : NA (Mexico (San Luis Potosi))  
*Protoptila huava* OS Flint, 1974 : NT (Mexico (Oaxaca))  
*Protoptila ignera* OS Flint, 1974 : NT (Trinidad)  
*Protoptila ixtala* ME Mosely, 1937 : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))  
*Protoptila jolandae* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)  
*Protoptila julieta* DR Robertson & RW Holzenthal, 2008 : NT (Male described originally near *Protoptila misionensis* OS Flint Holotype--Male; BOLIVIA: Cochabamba, Paracticito, R San Rafael, Pte "Panchito," nr PN Carrasco station, 17°03'39"S, 065°28'58"W, 438 m, 9-10-xi-2004, Robertson, Garcia, Vidaurre; UMSP000086363, pinned; deposited in the Museo de Historia

Natural Noel Kempff Mercado, Sant Cruz de la Sierra, Bolivia Bolivia)

*Protoptila kjeri* RW Holzenthal & RJ Blahnik, 2006 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Costa Rica)

*Protoptila laterospina* OS Flint, 1967 : NT (Costa Rica)

*Protoptila lega* HH Ross, 1941 : NA (United States of America)

*Protoptila leonilae* J Bueno-Soria & S Santiago de Fragoso, 1995 : NT (Mexico (Oaxaca))

*Protoptila liqua* ME Mosely, 1954 : NT (Mexico (Chiapas))

*Protoptila locula* ME Mosely, 1954 : NT (Mexico (Michoacan))

*Protoptila lorada* ME Mosely, 1954 : NT (Mexico (Guerrero))

*Protoptila lucia* OS Flint, 1974 : NT (Surinam)

*Protoptila macilenta* OS Flint, 1971 : NT (Brazil)

*Protoptila maculata* (HA Hagen, 1861) : NA ( Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 Canada)

*Beraea ? maculata* HA Hagen, 1861

Syn.: *Protoptila expositionis* AP Nimmo, 1966

Syn.: *Protoptila lloydi* ME Mosely, 1934

*Protoptila malica* ME Mosely, 1954 : NT (Mexico (Colima))

*Protoptila mara* OS Flint, 1971 : NT (Brazil)

*Protoptila marqua* OS Flint, 1967 : NA, NT ( Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35 Mexico (Estado de Mexico))

*Protoptila mayana* OS Flint, 1974 : NT (Belize)

*Protoptila mina* OS Flint, 1974 : NT (Surinam)

*Protoptila misionensis* OS Flint, 1972 : NT (Re-illustrated, reported from Bolivia and northwestern Argentina by PA Rueda Martin & FM Gibon, 2008, Annales de Limnologie 44(3): 215-225, f 13 Argentina)

*Protoptila mixteca* OS Flint, 1974 : NT (Mexico (Oaxaca))

*Protoptila mixteca veracruzensis* OS Flint, 1974 ( ~mixteca OS Flint, 1974, Smithsonian Contr Zool no 169: 17, figs)

*Protoptila moretii* JC Morse, 1990 : NA (United States of America)

*Protoptila myriamae* PA Rueda Martin & FM Gibon, 2008 : NT (Male described originally near *Protoptila simplex* OS Flint Holotype--Male; BOLIVIA: Rio Ienez in Versailles, 04-v-2006, 12\*39'39"S, 063\*22'22"W, FM Gibon and C Molina cols; deposited in the Instituto Miguel Lillo, San Miguel de Tucuman, Argentina Bolivia)

*Protoptila olvidada* J Bueno-Soria, S Santiago-Fragosa, & R Barba-Alvarez, 2005 : NT (Male described originally, "could be considered slightly related to *Protoptila marqua* Flint" Holotype--Male; Mexico: Oaxaca, Loxicho, Plumaq Hidalgo, el 450 m, 22-x-1982, J Bueno-Soria; deposited in the CNIN Mexico (Oaxaca))

*Protoptila orotina* OS Flint, 1974 : NT (Costa Rica)

*Protoptila orotina raposa* OS Flint, 1974 ( ~orotina OS Flint, 1974, Smithsonian Contr Zool no 169: 13, figs)

*Protoptila palina* HH Ross, 1941 : NA (United States of America)

*Protoptila perdida* J Bueno-Soria, S Santiago-Fragosa, & R Barba-Alvarez, 2005 : NT (Male described originally, closely related to *Protoptila ixtala* ME Mosely Holotype--Male; PANAMA: Canal Zone, Pipeline Road, 21-iii-1982, WJ Hanson, Malaise Trap; deposited in the CAS [California Academy of Sciences?] Panama)

*Protoptila phyllisae* J Bueno-Soria, 1983 : NT (Mexico (Chiapas))

*Protoptila piacha* ME Mosely, 1954 : NT (Mexico (Guerrero))

*Protoptila primerana* (H Weyenbergh, 1881) (Transferred from "*Riacophila*" to *Protoptila* by OS Flint, RW Holzenthal, and SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 74-75 "Cordoba" (Argentina))

"*Riacophila*" *primerana* H Weyenbergh, 1881

*Protoptila pseudopiacha* J Bueno-Soria, 1984 : NT (Mexico (Oaxaca))

*Protoptila quicha* OS Flint, 1974 : NT (Guatemala)

*Protoptila quinoi* J Bueno-Soria & S Santiago de Fragoso, 1979 : NT (Mexico (Veracruz))

*Protoptila resolda* ME Mosely, 1937 : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn

Symp Trichoptera 12: 31-35

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))

*Protophila rota* ME Mosely, 1937 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))

*Protophila salta* ME Mosely, 1937 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))

*Protophila simplex* OS Flint, 1971 : NT (Brazil)

*Protophila spangleri* OS Flint, 1967 : NT (Mexico (Veracruz))

*Protophila spirifera* OS Flint, 1974 : NT (Costa Rica)

*Protophila strepsicera* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)

*Protophila talamanca* OS Flint, 1974 : NT (Costa Rica)

*Protophila talola* DG Denning, 1948 : NA (United States of America)

*Protophila tarahumara* J Bueno-Soria, 2010 : NA, NT (Male described originally near *Protophila ticumanensis* J Bueno-Soria Holotype--Male; MEXICO: Chihuahua, Sierra Tarahumara, Urique, Rio Urique, 27°13'51"N, 107°53'05"W, el 575 m, 21-ii-2002, J Bueno, R Barba, P Tenorio; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Chihuahua))

*Protophila techila* ME Mosely, 1954 : NT (Mexico (Oaxaca))

*Protophila tenebrosa* (F Walker, 1852) : NA (Canada)

*Hydrophila tenebrosa* F Walker, 1852

*Protophila ternacia* OS Flint, 1971 : NT (Brazil)

*Protophila tetravittata* OS Flint, 1971 : NT (Brazil)

*Protophila tica* J Bueno-Soria, 1984 : NT (Costa Rica)

*Protophila ticumanensis* J Bueno-Soria, 1984 : NA, NT (Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Male redescribed by J Bueno-Soria, 2010, Proceedings of the Entomological Society of Washington 112(1): 23, f 4 Mexico (Morelos))

*Protophila tojana* ME Mosely, 1954 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 40 Mexico (Chiapas))

*Protophila trichoglossa* RW Holzenthal & RJ Blahnik, 2006 : NT (Costa Rica)

*Protophila trispicata* OS Flint, 1971 : NT (Brazil)

*Protophila truncata* OS Flint, 1983 : NT (Argentina)

*Protophila uruguayensis* EB Angrisano, 1997 : NT (Uruguay)

*Protophila voluta* OS Flint, 1991 : NT (Colombia)

*Protophila yurumanga* OS Flint, 1974 : NT (Colombia)

*Protoradema* VD Ivanov, 2002

*Protoradema baicalensis* (AV Martynov, 1914) (Russia (Lake Baikal))

*Apatania baicalensis* AV Martynov, 1914

*Protoradema setosum* (AV Martynov, 1924) (Russia (Lake Baikal))

*Radema setosum* AV Martynov, 1924

Syn.: *Radema uncinatum* AV Martynov, 1924

*Proxiphocentron* F Schmid, 1982

*Proxiphocentron anakmata* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Proxiphocentron arjinae* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Proxiphocentron patrus* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Proxiphocentron prathamajam* F Schmid, 1982 : OL (India)

*Proxiphocentron thanatos* H Malicky, 2008 : OL (Male described originally near



**Proxiphocentron prathamajam** F Schmid, **Proxiphocentron anakmata** H Malicky, and **Proxiphocentron arjinae** H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 27-vii-2000, B0121PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

***Pseudoeconesus*** R McLachlan, 1894

***Pseudoeconesus bistirpis*** KAJ Wise, 1958 : AU (New Zealand)

Syn.: ***Pseudoeconesus tristirpis*** KAJ Wise, 1953

***Pseudoeconesus geraldinae*** JB Ward, 1997 : AU (New Zealand)

***Pseudoeconesus haasti*** JB Ward, 1997 : AU (New Zealand)

***Pseudoeconesus hendersoni*** JB Ward, 1997 : AU (New Zealand)

***Pseudoeconesus hudsoni*** ME Mosely, 1953 : AU (New Zealand)

***Pseudoeconesus mimus*** R McLachlan, 1894 : AU (New Zealand)

Syn.: ***Pseudoeconesus karoriensis*** ME Mosely, 1953

***Pseudoeconesus paludis*** JB Ward, 1997 : AU (New Zealand)

***Pseudoeconesus squamosus*** ME Mosely, 1953 : AU ([type locality correction by JB Ward, 1997, New Zeal J Zool 24: 175] New Zealand)

***Pseudoeconesus stramineus*** R McLachlan, 1894 : AU ([type locality correction by JB Ward, 1997, New Zeal J Zool 24: 174] New Zealand)

***Pseudogoera*** FM Carpenter, 1933

***Pseudogoera singularis*** FM Carpenter, 1933 : NA (United States of America)

***Pseudoleptonema*** ME Mosely, 1933

***Pseudoleptonema ceylanicum*** (HA Hagen, 1858) : OL (Sri Lanka)

***Macronema ceylanicum*** HA Hagen, 1858

***Pseudoleptonema erawan*** H Malicky & P Chantaramongkol, 2001 : OL (Male and female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 172-173, f 44-49)

Larva and pupa described by T Prommi, S Permkam, & H Malicky, 2007, Braueria 33: 28, f 17-29 Holotype--XXX?; THAILAND, Kanchanaburi Province, Erawan National Park Thailand)

***Pseudoleptonema godapitigama*** F Schmid, 1958 : OL (Sri Lanka)

***Pseudoleptonema kalukandama*** F Schmid, 1958 : OL (Sri Lanka)

***Pseudoleptonema quinquefasciatum*** (AV Martynov, 1935) : OL (Male redescribed, transferred to *Pseudoleptonema* from *Macronema* by H Malicky, 1998, Linzer biol Beitr 30(1): 779, pl 4, 12)

Male and female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp Trichoptera 11: 171, f 34-43

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Larva and pupa described by T Prommi, S Permkam, & H Malicky, 2007, Braueria 33: 26, 28, f 1-16

Distributed in Thailand, Nepal, India, and Laos according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 India)

***Macronema quinquefasciatum*** AV Martynov, 1935

***Pseudoleptonema sinuatum*** (G Ulmer, 1906) : OL (transferred to *Pseudoleptonema* from *Macronema* by H Malicky, 1998, Linzer Biol Beitrage 30(2): 780 Borneo)

***Macronema sinuatum*** G Ulmer, 1906

***Pseudoleptonema supalak*** H Malicky & P Chantaramongkol, 1998 : OL (Male and female redescribed from Vietnam by DH Hoang, K Tanida, & YJ Bae, 2005, Proc Internatn Symp

Trichoptera 11: 172-173, f 44-49

Larva and pupa described by T Prommi, S Permkam, & H Malicky, 2007, *Braueria* 33: 28, f 17-29 Thailand)

*Pseudomacronema* G Ulmer, 1905

*Pseudomacronema vittatum* G Ulmer, 1905 : NT (Colombia)

*Pseudoneureclipsis* G Ulmer, 1913

*Pseudoneureclipsis achim* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis aculeata* B Statzner, 1976 : AT (Democratic Republic of the Congo)

*Pseudoneureclipsis akarnanos* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Pseudoneureclipsis amon* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis amulius* H Malicky, 1997 : OL (Laos)

*Pseudoneureclipsis anakangkat* H Malicky, 1995 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Pseudoneureclipsis anakdua* H Malicky, 1995 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Pseudoneureclipsis anakselan* H Malicky, 1995 : OL (Sri Lanka)

*Pseudoneureclipsis arimaspos* P Luadee & H Malicky, 1999 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5 Thailand)

*Pseudoneureclipsis asa* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis atewa* DG Gibbs, 1973 : AT (Ghana)

*Pseudoneureclipsis ba* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Pseudoneureclipsis bon* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 30

Reported from Vietnam by J Olah & KA Johanson, 2010, *Zootaxa* 2658: 22 Vietnam)

*Pseudoneureclipsis bonaventura* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: (C) Bandarkhal [Assam?], 9-v-1960, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis bonkybin* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis philemon* H Malicky & T Prommi Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis boquan* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis quancong* J Olah & KA Johanson and *Pseudoneureclipsis usia* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Hoabinh, towards Dabac, 21-x-1986, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis botosaneanui* JC Morse, 2001 (Holotype--Male; PEOPLE'S REPUBLIC OF KOREA (North Korea): Mjohjang-san Mountains, Hjangsan district, Hjangam-ri People's Republic of Korea)

*Pseudoneureclipsis cauky* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis linos* H Malicky & P Bunlue Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis cheiron* H Malicky & S Sompong, 2000 : OL (Holotype--XXX?; THAILAND: Young Waterfall Thailand)

*Pseudoneureclipsis chrysippus* H Malicky & S Sompong, 2000 : OL (Holotype--XXX?; THAILAND: Kao Sok National Park Thailand)

*Pseudoneureclipsis congkem* J Olah & KA Johanson, 2010 : OL (Male described originally near

*Pseudoneureclipsis boquan* J Olah & KA Johanson and *Pseudoneureclipsis erebos* H Malicky & N Sangpradub Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis congolensis* ME Mosely, 1939 : AT (Democratic Republic of the Congo)

*Pseudoneureclipsis deasyria* H Malicky, 2000 : OL (Malaysia (Sabah))

*Pseudoneureclipsis deianeira* H Malicky, 2000 : OL (Malaysia (Sabah))

*Pseudoneureclipsis diogenes* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: (UDMNCH) [possibly Udhm Singh Nagar in Uttarakhand], Sirtrang, 28-iv-1960, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis dongian* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis hai* H Malicky Holotype--Male; VIETNAM: Tamdao, 200 m, 12-x-1986, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis elektryon* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Pseudoneureclipsis enos* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis erchtheus* H Malicky & N Sangpradub, 2001 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, Insecta Mundi 68: 1-5 Holotype--XXX?; THAILAND, Chayapum Province, Nam Nao NP, Huai Promlaeng Thailand)

*Pseudoneureclipsis ezbon* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: (UJKH) [possibly United Khasi and Jaintia Hills District in Meghalaya], Shilliang Myntang, 21-iv-1960, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis funesta* (HA Hagen, 1858) : OL (Sri Lanka)  
*Chimarrha funesta* HA Hagen, 1858

*Pseudoneureclipsis graograman* H Malicky, 1987 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Turkey)

*Pseudoneureclipsis gudulensis* F Cakin, 1983 (Turkey)

*Pseudoneureclipsis hai* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Pseudoneureclipsis hailan* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis linos* H Malicky & P Bunlue Holotype--Male; VIETNAM: Cuc Phuong, 12-x-1963, T Poci; deposited in the Natural History Museum, Budapest, Hungary Vietnam)

*Pseudoneureclipsis halongensis* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis arimaspos* P Laudee & Malicky Holotype--Male; VIETNAM: Halong Archipelago, Cat Ba Island, 17-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis hataya* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Pseudoneureclipsis hazarmavet* H Malicky & W Mey, 2009 : OL (Male described originally Holotype--Male; CAMBODIA: Cardamom Mts, Pramuoy vill, 270 m, 12\*16'N, 103\*01'E, 24-25-ii-2000, leg M Nuss; deposited in Zoologisches Museum Berlin, Germany Cambodia)

*Pseudoneureclipsis hieronymus* H Malicky, 2009 : OL (Male described originally near *Pseudoneureclipsis usia* H Malicky & P Chantaramongkol and *Pseudoneureclipsis diogenes* H Malicky Holotype--Male; INDIA: Manipur, Vangai Chungpao, 21-v-1960, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis higleri* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: (UJKH) [possibly United Khasi and Jaintia Hills District in Meghalaya], Thangrain, 22-iv-1960; deposited in the H Malicky Collection, Lunz am See, Austria India)

*Pseudoneureclipsis iranica* H Malicky, 1982 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Pseudoneureclipsis jaret* H Malicky & P Chantaramongkol, 1993 : AU (Listed from the Papua New Guinea (Bismark Archipelago) by H Malicky, 2010, Z Arb Gem Oesterr Ent 62: 88 Papua New Guinea (Bismarck Archipelago))

*Pseudoneureclipsis jiswa* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Pseudoneureclipsis arimaspos* P Luadee & H Malicky Holotype--Male; THAILAND: Prov Mae Hong Son, Ban Huai Hia, 1100 m, 19\*39'N, 098\*14'E, 15-iv-2000; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis jektan* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Pseudoneureclipsis amulius* H Malicky Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 200 m, 14°22'N, 99°08'E, 22-24-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis josech* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Pseudoneureclipsis josia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis kainam* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis kaineus* H Malicky & P Bunlue, 2004 : OL (Male described originally Holotype--Male; Thailand: Mae Hong Son Province, Namtok Mae Surin National Park, Mae Nam Pai, 19°21'N, 97°59'E, 310 m, 19-3-2002, leg P Banlu; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis linos* H Malicky & P Bunlue, 2004 : OL (Male described originally Holotype--Male; Thailand: Mae Hong Son Province, Namtok Mae Surin National Park, Mae Nam Pai, 19°21'N, 97°59'E, 310 m, 19-3-2002, leg P Banlu; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis loang* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis josia* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis locutius* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Pseudoneureclipsis lusitanica* H Malicky, 1980 (Larva, pupa, ecology described from France by H Tachet, JC Morse, & A Berly, 2001, Aquat Ins 23(2): 93-106 Portugal)

*Pseudoneureclipsis lykurgos* H Malicky & N Changthong, 2005 : OL (Male described originally, near *Pseudoneureclipsis asa* Holotype--Male; THAILAND: Prov Pitsanulok, Pu Hin Rongkla NP, RomglaoParadorn WF, 16°59'N, 101°00'E, 4-5-v-2002, leg Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Pseudoneureclipsis magog* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Pseudoneureclipsis anakangkat* H Malicky Holotype--Male; THAILAND: Prov Mae Hong Son, Huai Mae S, 17 km S Pai, 19°12'N, 98°26'E, 500 m, 17-x-2003; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis malaleel* H Malicky, 1993 : OL (Myanmar)

*Pseudoneureclipsis maliboda* H Malicky, 1973 : OL (Sri Lanka)

*Pseudoneureclipsis maroccana* M Dakki & H Malicky, 1980 (Morocco)

*Pseudoneureclipsis methusalah* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; INDONESIA: North Sumatra, leg Diehl; deposition not specified Indonesia (Sumatra))

*Pseudoneureclipsis mlangensis* ME Mosely, 1939 : AT (Malawai)

*Pseudoneureclipsis mot* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Pseudoneureclipsis narita* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Pseudoneureclipsis nissanka* F Schmid, 1958 : OL (Sri Lanka)

*Pseudoneureclipsis ohad* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Na Hang (160 km WW Hanoi), 150-200 m, 26-v-14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Pseudoneureclipsis omana* H Malicky, 1989 (Oman)

*Pseudoneureclipsis palmonii* OS Flint, 1967 (Israel)

*Pseudoneureclipsis pax* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Pseudoneureclipsis anakangkat* H Malicky and *Pseudoneureclipsis* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Mae Hong Son, Muang Pai Resort, 800 m, 19°23'N, 98°24'E, 3-16-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis perses* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179)

Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 20-vi-2000, B0911PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis philemon* H Malicky & T Prommi, 2000 : OL (Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5 Holotype--XXX?; THAILAND: Doi Suthep National Park, Huai Koo Kao Thailand)

*Pseudoneureclipsis picus* H Malicky & P Thamsenanupap, 2007 : OL (Male described originally Holotype--Male; THAILAND: Chiangmai Prov, Doi Inthanon National Park, Mae Klang bei Ban Sob Aeb, 18°32'N, 98°32'E, 1-2-iv-2003, leg P Thamsenanupap; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Pseudoneureclipsis pluto* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis polyidos* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 27-vii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis porphyrios* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: Pauri Garhwal, Duldhar, 2-vi-1958, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis proxima* AV Martynov, 1934 (Specimens misidentified as *Pseudoneureclipsis ussuriensis* AV Martynov in the Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia, were reported by YJ Li, JC Morse, & H Tachet, 2001, *Aquat Ins* 23(2): 115 Russia (southern Far East))

*Pseudoneureclipsis puyah* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis cincinnatus* H Malicky & P Chantaramongkol Holotype--Male; INDIA: Karnataka, Tunga Rives [River] at Shimoga, 18-iv-1992, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary India)

*Pseudoneureclipsis quancong* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis boquan* J Olah & KA Johanson Holotype--Male; VIETNAM: Tamdao, 200 m, 12-x-1986, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis ramosa* G Ulmer, 1913 : OL (Reported from Nepal as *Pseudoneureclipsis bheri* H Malicky by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Listed from Indonesia (Sumatra), as *Pseudoneureclipsis abia* H Malicky & P Chantaramongkol by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Listed from Indonesia (Sumatra) as *Pseudoneureclipsis bheri* H Malicky by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Distributed in Thailand and Burma and Indonesia (Sumatra), as *Pseudoneureclipsis abia* H Malicky & P Chantaramongkol, according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262

Reported from Thailand and Vietnam by BJ Armitage & TI Arefina-Armitage, 2009, *Insecta Mundi* 68: 1-5

Male redescribed, reported from Afghanistan, Nepal, India, Myanmar, Thailand, Vietnam, Sumatra, Indonesia (Java, Bali) by H Malicky, 2009, Linzer Biologische Beitrage 41(1): 713, pl 1 Indonesia (Java)

Syn.: *Pseudoneureclipsis abia* H Malicky & P Chantaramongkol, 1993

Syn.: *Pseudoneureclipsis bheri* H Malicky, 1993

Syn.: *Pseudoneureclipsis vali* H Malicky & P Chantaramongkol, 1993

*Pseudoneureclipsis sabta* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: Madras, Kunjankhuzi, 2-i-1962, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudoneureclipsis saccheda* F Schmid & DG Denning, 1979 : OL (Thailand)

*Pseudoneureclipsis salmoneus* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male described originally near *Pseudoneureclipsis tithonus* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 10-viii-2000, B0531, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis sibuyana* H Malicky, 1993 : OL (Reported from Indonesia (Kalimantan) and The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 11, 15 Philippines)

*Pseudoneureclipsis silpa* H Malicky, 2009 : OL (Male described originally near *Pseudoneureclipsis perses* and *Pseudoneureclipsis salmoneus* Holotype--Male; INDONESIA: East Kalimantan, Bulungan, Long Alango + Lalut Birai Research Station, 400 m, 02°51-53'N, 115°48-50'E, 21-ii-3-iii-1993, leg DC Darling; in Royal Ontario Museum, Toronto, Ontario, Canada, to be transferred into Museum Zoologi Bogor, Indonesia Indonesia (Kalimantan))

*Pseudoneureclipsis sobak* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Erawan National Park, 200 m, 14°22'N, 099°08'E, 22-24-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis sorowakensis* W Mey, 2006 : OL (Male described originally near *Pseudoneureclipsis unguiculata* G Ulmer and *Pseudoneureclipsis infantae* W Mey Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-15-x-2005, leg W Mey; deposited in Indonesian Institute of Science, Bogor, Indonesia Indonesia (Sulawesi))

*Pseudoneureclipsis starmuehlneri* H Malicky, 1973 : OL (Sri Lanka)

*Pseudoneureclipsis sukrip* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis thales* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Mae Hong Son, Oberlauf des Huai Mae Ya bei Doi Mae Ya, 1200 m, 19°14'N, 098°35'E, 13-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis theias* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: 160 km WNW Hanoi, NE Na Hang, 150-200 m, 26-v-14-6-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Pseudoneureclipsis thestios* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male described originally near *Pseudoneureclipsis bheri* H Malicky, *Pseudoneureclipsis* H Malicky & P Chantaramongkol, and *Pseudoneureclipsis vali* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-vii-2000, B1111PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis thiras* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Mae Hong Son, Paembok Wasserfall, 650 m, 19°19'N, 098°24'E, 24-iv-2000; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis thuparama* F Schmid, 1958 : OL (Sri Lanka)

*Pseudoneureclipsis tiani* YJ Li, 2001 : OL (Holotype--Male; CHINA: Anhui, Xi-xian, Feng-yuan-shui, Yang-jia-tan China (Anhui))

*Pseudoneureclipsis tithonus* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis titustatus* H Malicky, 2009 : OL (Male described originally near *Pseudoneureclipsis ramosa* G Ulmer Holotype--Male; VIETNAM: Gia Lai, An Khe District, Tram Lap, Azun River, 2 km NW forestry building, 14\*27'N, 108\*33'E, 23-vi-1996, leg DC Currie; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Pseudoneureclipsis tlepolemos* H Malicky, 2008 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Pseudoneureclipsis tramot* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis truncata* DE Kimmins, 1958 : AT (Zimbabwe)

*Pseudoneureclipsis turnus* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Gia Lai, An Khe District, Tram Lap, Azun River, 3 km NE forestry building, 21-vi-1996, leg DC Currie, J Swann; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Pseudoneureclipsis ulmeri* H Malicky, 2009 : OL (Male described originally near *Pseudoneureclipsis unguiculata* G Ulmer Holotype--Male; INDONESIA: Sumatra, 28-i-1929, leg Thienemann; deposited in the Zoological Museum, Hamburg, Germany Indonesia (Sumatra))

*Pseudoneureclipsis uma* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis unguiculata* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male redescribed, reported from the Philippines (Luzon, Mindanao, Basilan, Leyte) by H Malicky, 2009, Linzer Biologische Beitrage 41(1): 714, pl 1 Philippines)

Syn.: *Pseudoneureclipsis infantae* W Mey, 2003

*Pseudoneureclipsis usia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Pseudoneureclipsis ussuriensis* AV Martynov, 1934 (Further diagnosis of male by YJ Li, JC Morse, & H Tachet, Aquatic Ins 23(2): 115 Lectotype and paralectotype males designated by YJ Li, JC Morse, & H Tachet, Aquatic Ins 23(2): 115 Russia (southern Far East))

*Pseudoneureclipsis vetcat* J Olah & KA Johanson, 2010 : OL (Male described originally near *Pseudoneureclipsis abia* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, at light, J Olah; deposited in the J Olah Personal Collection, to be transferred for permanent retention to the Hungarian Natural History Museum, Hungary Vietnam)

*Pseudoneureclipsis watagoda* F Schmid, 1958 : OL (Sri Lanka)

*Pseudoneureclipsis wilaiwan* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Pseudoneureclipsis yuwadee* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Pseudoneureclipsis zagreus* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Ranong prov, Klongkakra Wildlife Sanctuary, Klongbangmum stream, 50 m, 9\*27'N, 98\*30'E, 8-x-2004; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis zemarit* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDONESIA: North Sumatra, leg Diehl; deposition not specified Indonesia (Sumatra))

*Pseudoneureclipsis zethos* H Malicky & T Prommi, 2006 : OL (Male described originally near *Pseudoneureclipsis zagreus* H Malicky & T Prommi, *P amulius* Malicky, *P philemon* H Malicky & T Prommi, and *P erebos* H Malicky & N Sangpradub Holotype--Male; THAILAND: Suratthani prov, Khaosok National Park, Mae Yai Waterfall, 287 m, 8\*53'N, 98\*21'E, 4-iv-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Pseudoneureclipsis ziphjon* H Malicky, 2009 : OL (Male described originally Holotype--Male; INDIA: Madras, Ottakada, 5-i-1962, leg F Schmid; deposited in the Canadian National Collection, Ottawa, Ontario, Canada India)

*Pseudopsilopteryx* F Schmid, 1952

*Pseudopsilopteryx zimmeri* (R McLachlan, 1876) (Switzerland, Germany)  
*Psilopteryx zimmeri* R McLachlan, 1876

*Pseudoradema* F Schmid, 1955

*Pseudoradema spinosissimum* F Schmid, 1955 : NT (Chile)

*Pseudosericotoma* F Schmid, 1957

*Pseudosericotoma simplissimum* F Schmid, 1957 : NT (Chile)

*Pseudostenophylax* AV Martynov, 1909

*Pseudostenophylax acutifalcatus* F Schmid, 1991 : OL (India)

*Pseudostenophylax adlimitans* (AV Martynov, 1914) (Russia (southeastern Siberia))

*Potamorites adlimitans* AV Martynov, 1914

*Pseudostenophylax alcor* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax amphion* F Schmid, 1991 : OL (India)

*Pseudostenophylax amplus* (R McLachlan, 1894) : OL (China ("Ta- chien-lu" Tibet))

*Halesus amplus* R McLachlan, 1894

*Pseudostenophylax amurensis* (R McLachlan, 1880) (Phenology in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))

*Stenophylax amurensis* R McLachlan, 1880

Syn.: *Pseudostenophylax ussuricus* AV Martynov, 1935

*Pseudostenophylax angulatus* F Schmid, 1991 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Pseudostenophylax angustifalcatus* F Schmid, 1991 : OL (India)

*Pseudostenophylax aniketos* F Schmid, 1961 : OL (Pakistan)

*Pseudostenophylax arwiel* F Schmid, 1991 : OL (India)

*Pseudostenophylax auriculatus* L Tian & Y Li, 1988 : OL (Also mentioned as "*Pseudostenophylax auriculatus* Tian et Li, n. sp." by L Tian, Y Li, L Yang, and C Sun, 1993 ("1992"), in S Chen, ed, Insects Hengduan Mount Reg, vol 2, Sci Press, Beijing, 881, 891, pl 11 f 1-3 People's Republic of China (Tibet))

*Pseudostenophylax bifalcatus* F Schmid, 1991 : OL (India)

*Pseudostenophylax bifurcatus* L Tian & Y Li, 1993 : OL (China (Yunnan))

*Pseudostenophylax bimaculatus* L Tian & Y Li, 1993 : OL (China (Yunnan))

*Pseudostenophylax brevis* N Banks, 1940 : OL (China (Sichuan))

*Pseudostenophylax burmanus* (ME Mosely, 1936) : OL (Myanmar)

*Astenophylodes burmanus* ME Mosely, 1936

*Pseudostenophylax capitatus* L Yang & W Yang, 2005 (Male described originally, near *Pseudostenophylax bimaculatus* L Tian & Y Li and *Pseudostenophylax morsei* K Leng & L Yang Holotype--Male; CHINA: Shaanxi Province, Ninshan County, Huoditang, 1580 m, 27-vii-1998, coll Yuan Decheng; deposited in the Insect Collection of the Institute of Zoology, Chinese Academy of Sciences, Beijing, People's Republic of China China (Shaanxi))

*Pseudostenophylax clavatus* L Tian & Y Li, 1993 : OL (China (Yunnan))

*Pseudostenophylax demokrit* H Malicky, 2011 : OL (Male described originally near *Pseudostenophylax elongatus* L Tian & Y Li Holotype--Male; CHINA: Sichuan, Xiling Xue Shan, 2700 m, 30°51'N, 102°45'E, 11-x-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))

*Pseudostenophylax dentilus* (M Kobayashi, 1973) (Transferred from *Stenophylax* to *Pseudostenophylax*, bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, Limnology 1: 205 Japan)

*Stenophylax dentilus* M Kobayashi, 1973

*Pseudostenophylax difficilior* F Schmid, 1991 : OL (China (Tibet))

*Pseudostenophylax difficilis* AV Martynov, 1931 : OL (China (Sichuan))

*Pseudostenophylax dikaios* F Schmid, 1961 : OL (Pakistan)



*Pseudostenophylax diotima* H Malicky, 2011 : OL (Male described originally near *Pseudostenophylax bifurcatus* L Tian & Y Li Holotype--Male; CHINA: Sichuan, Xiling Xue Shan, 1450 m, 30\*40'N, 103\*13'E, 15-iv-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))

*Pseudostenophylax dorsoproceris* K Leng & L Yang, 1997 (China (Henan))

*Pseudostenophylax edwardsi* (N Banks, 1920) : NA (United States of America)

*Anisogamus edwardsi* N Banks, 1920

Syn.: *Anisogamus atripennis* N Banks, 1924

*Pseudostenophylax elongatus* L Tian & Y Li, 1993 : OL (China (Sichuan))

*Pseudostenophylax epiktet* H Malicky, 2011 (Male described originally Holotype--Male; CHINA: Qinghai, Daban Shan, 3100 m, 37\*10'N, 101\*46'E, 13-vii-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Qinghai))

*Pseudostenophylax euphorion* F Schmid, 1991 : OL (China (Sichuan))

*Pseudostenophylax fimbriatofalcatus* F Schmid, 1991 : OL (India)

*Pseudostenophylax flavidus* L Tian & Y Li, 1993 : OL (China (Yunnan))

*Pseudostenophylax fo* F Schmid, 1991 : OL (China (Tibet))

*Pseudostenophylax fumosus* AV Martynov, 1909 : OL (China (Inner Mongolia))

Syn.: *Pseudostenophylax fumosus grahami* AV Martynov, 1931

*Pseudostenophylax galathiel* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax garhwalensis* F Schmid, 1991 : OL (India)

*Pseudostenophylax glycerion* F Schmid, 1991 : OL (India)

*Pseudostenophylax griseolus* AV Martynov, 1930 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 498 India)

*Pseudostenophylax hebeiensis* K Leng & L Yang, 2003 (Male described originally in the *Pseudostenophylax martynovi* Group Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Hebei Province, Wuling Mt, 23-viii-1973, coll LIU Sheng-li; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Hebei))

*Pseudostenophylax himalayanus* AV Martynov, 1930 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India, China (Tibet))

*Pseudostenophylax hirsutus* KH Forsslund, 1935 : OL (China (Gansu))

Syn.: *Pseudostenophylax (Trichophylax) monticola* N Banks, 1940

*Pseudostenophylax ichtar* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax ithuriel* F Schmid, 1991 : OL (India)

*Pseudostenophylax jugosignatus* AV Martynov, 1930 : OL (China (Sichuan))

*Pseudostenophylax kamba* ME Mosely, 1950 : OL (Myanmar)

*Pseudostenophylax kashmirensis* (ME Mosely, 1936) : OL (India)

*Stenophylliella kashmirensis* ME Mosely, 1936

*Pseudostenophylax kostjuki* W Mey, 1994 (Russia (Siberia))

*Pseudostenophylax kriton* H Malicky, 2011 (Male described originally Holotype--Male; CHINA: Shaanxi, Qin Ling Shan, S of Xian, 5-ix-2006, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))

*Pseudostenophylax latifalcatus* F Schmid, 1991 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Pseudostenophylax latiproceris* K Leng & L Yang, 2003 : OL (Male described originally in the *Pseudostenophylax ichtar* Group near *Pseudostenophylax mimicus* N Banks Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan Province, Lijiang City, Yulong Mt, 2700 m, elev, 17-vii-1984, coll WANG Shu-yong; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Yunnan))

*Pseudostenophylax linquidus* K-M Leng & L-F Yang, 2003 : OL (Male described originally in the *Pseudostenophylax amplus* Group near *Pseudostenophylax amplus* R McLachlan Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Tibet, Mangkang County, Rongxi, 4,000 m elev, 24-vi-1976, coll ZHANG Xue-Zhong; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Tibet))

*Pseudostenophylax luthiel* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax macrogonus* K-M Leng & L-F Yang, 2003 : OL (Male described originally in the *Pseudostenophylax amplus* Group near *Pseudostenophylax amplus* R McLachlan Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Sichuan Province, Songpan County, Huanglong,

3,500 m elev, 24-vii-1990, coll J Morse and L-F Yang; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Sichuan))

*Pseudostenophylax martynovi* ME Mosely, 1936 : OL (China (Tibet))

*Pseudostenophylax melkor* F Schmid, 1991 : OL (China (Sichuan))

*Pseudostenophylax micraulax* (R McLachlan, 1878) : OL (India)

*Stenophylax micraulax* R McLachlan, 1878

Syn.: *Halesus asiaticus* G Ulmer, 1907

Syn.: *Pseudohalesus aberrans* ME Mosely, 1936

Syn.: *Pseudohalesus granulatus* AV Martynov, 1928

Syn.: *Pseudohalesus kaschmirus* AV Martynov, 1928

*Pseudostenophylax mimicus* N Banks, 1940 : OL (China (Sichuan))

*Pseudostenophylax minimus* N Banks, 1940 : OL (China (Sichuan))

*Pseudostenophylax mitchelli* (ME Mosely, 1936) : OL (India)

*Stenophylina mitchelli* ME Mosely, 1936

*Pseudostenophylax mizar* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax morsei* K Leng & L Yang, 2003 : OL (Male described originally near *Pseudostenophylax bimaculatus* L Tian & Y Li Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan Province, Lanping County, Jingding Town, Jiangtou River, 2380 m elev, 15-vii-1997, coll GUI Fu-rong; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Yunnan))

*Pseudostenophylax nectarion* F Schmid, 1991 : OL (India)

*Pseudostenophylax obscurus* KH Forsslund, 1935 (Male redescribed by H Malicky, 2011, *Braueria* 38: 35, f 36 China (Gansu))

*Pseudostenophylax ondakensis* (M Iwata, 1928) (species status needing confirmation, bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 Japan)

*Stenophylax ondakensis* M Iwata, 1928

*Pseudostenophylax ovalis* F Schmid, 1991 : OL (Reported from Nepal as *Pseudostenophylax* cf. *ovalis* by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498 India)

*Pseudostenophylax pauper* F Schmid, 1991 : OL (India)

*Pseudostenophylax qinghaiensis* K Leng & L Yang, 2003 (Male described originally in the *Pseudostenophylax martynovi* Group Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Qinghai Province, Huangzhongshuixia, 2840-2850 m, 24-ix-1994, coll DU Yu-zhou; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Qinghai))

*Pseudostenophylax riedeli* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Pseudostenophylax rufescens* (AV Martynov, 1930) : OL (Reported from Bhutan as

*Pseudopotamorites rufescens* (AV Martynov) by H Malicky, 2007, *Linzer biol Beitr* 39(1): 497 China (Tibet))

*Platyphylax rufescens* AV Martynov, 1930

*Pseudostenophylax sabadiel* F Schmid, 1991 (China (Shaanxi))

*Pseudostenophylax schelpei* (DE Kimmins, 1954) : OL (India)

*Stenophylina schelpei* DE Kimmins, 1954

*Pseudostenophylax secretus* AV Martynov, 1928 : OL (Uzbekistan)

Syn.: *Trichophylax rotundipennis* ME Mosely, 1936

*Pseudostenophylax sokrates* H Malicky, 2011 (Male described originally near *Pseudostenophylax morsei* K Leng & L Yang Holotype--Male; CHINA: Shaanxi, Qin Ling Shan, S of Xian, 5-ix-2006, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))

*Pseudostenophylax sophar* F Schmid, 1991 (China (Shaanxi))

*Pseudostenophylax sparsus* (N Banks, 1908) : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 Canada)

*Halesus sparsus* N Banks, 1908

Syn.: *Stenophylax calypso* N Banks, 1911

*Pseudostenophylax squamolineatus* F Schmid, 1991 : OL (Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498 India)

*Pseudostenophylax striatus* KH Forsslund, 1935 (China (Gansu))

*Pseudostenophylax takaoensis* F Schmid, 1991 (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 Japan)

*Pseudostenophylax tenuifalcatus* F Schmid, 1991 : OL (India)

*Pseudostenophylax thinuviel* F Schmid, 1991 : OL (China (Yunnan))

*Pseudostenophylax tochiensis* F Schmid, 1991 (bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 Japan)

*Pseudostenophylax transbaicalensis* W Mey, 1994 (Russia(Siberia))

*Pseudostenophylax triquetrus* K-M Leng & L-F Yang, 2003 : OL (Male described originally in the *Pseudostenophylax amplus* Group near *Pseudostenophylax amplus* R McLachlan Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Tibet, Zay u County, Sangjiu, 3,100 m elev, 7-vii-1973, coll CAI Zheng-Fa; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Tibet))

*Pseudostenophylax tubercularis* K-M Leng & L-F Yang, 2003 : OL (Male described originally in the *Pseudostenophylax amplus* Group near *Pseudostenophylax amplus* R McLachlan Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Tibet, Changdu County, 3,300 -3,600 m elev, 16-v-1976, coll ZHANG Xue-Zhong; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Tibet))

*Pseudostenophylax uncatus* K Leng & L Yang, 2003 : OL (Male described originally in the *Pseudostenophylax martynovi* Group near *Pseudostenophylax auriculatus* L Tian & Y Li Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Tibet, Zhangmuqu, 3400 m elev, 08-vii-1975, coll HUANG Fu-sheng; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China People's Republic of China (Tibet))

*Pseudostenophylax unicornis* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region, Houzhenzi area China (Shaanxi))

*Pseudostenophylax uriel* F Schmid, 1991 : OL (China (Sichuan))

*Pseudostenophylax vietnamensis* W Mey, 1997 : OL (Male described originally near *Pseudostenophylax galathiel* F Schmid

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Massif, north side, 2100-2900 m, 28-iii-1995, leg W Mey; deposited in the W Mey collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Pseudostenophylax xanthippe* H Malicky, 2011 : OL (Male described originally near *Pseudostenophylax sokrates* H Malicky Holotype--Male; CHINA: Yunnan, Zhongdian, 3500 m, 28\*32'N, 099\*49'E, 18-vii-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Yunnan))

*Pseudostenophylax xenophon* H Malicky, 2011 : OL (Male described originally near *Pseudostenophylax linquidus* K Leng & L Yang Holotype--Male; CHINA: Sichuan, Erlang Shan, 2100 m, 29\*51'N, 102\*18'E, 11-x-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Sichuan))

*Pseudostenophylax xuthus* W Mey, 1997 : OL (Male described originally near *Pseudostenophylax sophar* F Schmid

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Massif, north side, 2100-2900 m, 22-29-iv-1995, leg V Sinyajev; deposited in the W Mey collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Pseudostenophylax yunnanensis* C Hwang, 1958 : OL (China (Yunnan))

*Pseudostenopsyche* W Doehler, 1915

*Pseudostenopsyche davisorum* OS Flint, 1983 : NT (Chile)

*Pseudostenopsyche gracilis* (F Schmid, 1964) : NT (Chile)

*Rhynchorheithrus gracilis* F Schmid, 1964

*Pseudostenopsyche sugens* W Doehler, 1915 : NT (Chile)

*Psilochorema* R McLachlan, 1866

*Psilochorema acheir* AG McFarlane, 1981 : AU (New Zealand)

*Psilochorema bidens* AG McFarlane, 1951 : AU (New Zealand)  
*Psilochorema cheirodes* AG McFarlane, 1981 : AU (New Zealand)  
*Psilochorema donaldsoni* AG McFarlane, 1960 : AU (New Zealand)  
*Psilochorema embersoni* KAJ Wise, 1982 : AU (New Zealand)  
*Psilochorema folioharpax* AG McFarlane, 1956 : AU (New Zealand)  
*Psilochorema leptoharpax* AG McFarlane, 1951 : AU (New Zealand)  
*Psilochorema macroharpax* AG McFarlane, 1951 : AU (New Zealand)  
*Psilochorema mataura* AG McFarlane, 1956 : AU (New Zealand)  
*Psilochorema mimicum* R McLachlan, 1866 : AU (New Zealand)  
*Psilochorema nemorale* AG McFarlane, 1951 : AU (New Zealand)  
*Psilochorema spiniharpax* JB Ward, 1995 : AU (New Zealand)  
*Psilochorema tauroru* AG McFarlane, 1964 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)  
*Psilochorema vomerharpax* AG McFarlane, 1964 : AU (New Zealand)

*Psilopsyche* G Ulmer, 1907

*Psilopsyche chillana* L Navas, 1934 : NT (Chile)  
*Psilopsyche granda* J Olah & KA Johanson, 2010 : NT (Male described originally near *Psilopsyche molinai* L Navas Holotype--Male; CHILE: Region del Araucania (IX), PN Nahuelbuta, camp site, Estero Cabreria, crosspoint between streams draining Mts Pichimanquemahuida and Pichinahuel, 37°49.647'S, 073°00.691'W, 110 m (loc#07), light trap, 03-i-2006 [KA Johanson]; Swedish National Museum of Natural History, Stockholm, Sweden Chile)  
*Psilopsyche kolbiana* G Ulmer, 1907 : NT (New localities reported in Chile by J Olah & KA Johanson, 2010, Zootaxa 2457: 121-122 Chile)  
Syn.: *Psilopsyche blanchardi* L Navas, 1926  
Syn.: *Psilopsyche ruiziana* L Navas, 1926  
*Psilopsyche molinai* L Navas, 1926 : NT (New localities reported in Chile by J Olah & KA Johanson, 2010, Zootaxa 2457: 122 Chile)  
Syn.: *Psilopsyche macqueeni* L Navas, 1935

*Psilopterna* AV Martynov, 1915

*Psilopterna alageza* J Olah, 1985 (Armenia)  
*Psilopterna eukratida* F Schmid, 1961 : OL (Pakistan)  
*Psilopterna hirsuta* AV Martynov, 1928 : PA (Cited in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 578 Kirghizstan)  
*Psilopterna pevzovi* AV Martynov, 1915 : OL, PA (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Kazakhstan)

*Psilopteryx* JPEF Stein, 1874

subgenus *Metapsilopteryx* L Botosaneanu, 1957  
*Psilopteryx (Metapsilopteryx) curvicalvata* L Botosaneanu, 1957 (Roumania)

subgenus *Psilopteryx* JPEF Stein, 1874

*Psilopteryx (Psilopteryx) bosniaca* M Marinkovic-Gospodnetic, 1971 ([as doubtful new species, with possible synonym *Potamophylax schmidi*] Bosnia)  
*Psilopteryx (Psilopteryx) montana* K Kumanski, 1968 (Bulgaria)  
*Psilopteryx (Psilopteryx) psorosa* (F Kolenati, 1860) (  
Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178 Poland("Silesia"))  
*Chaetopteryx psorosa* F Kolenati, 1860  
*Psilopteryx (Psilopteryx) psorosa bohemosaxonica* W Mey & L Botosaneanu, 1985 (~*psorosa* (F Kolenati, 1860, Wien ent Mschr 4: 388-389), *Chaetopteryx*)  
*Psilopteryx (Psilopteryx) psorosa carpathica* F Schmid, 1952 (Described originally as a species ~*psorosa* (F Kolenati, 1860, Wien ent Mschr 4: 388-389), *Chaetopteryx*

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20)  
*Psilopteryx (Psilopteryx) psorosa gutinensis* W Mey & L Botosaneanu, 1985 ( ~psorosa (F Kolenati, 1860, Wien ent Mschr 4: 388-389), *Chaetopteryx*)  
*Psilopteryx (Psilopteryx) psorosa retezatica* L Botosaneanu & ? Schneider, 1978 ( ~psorosa (F Kolenati, 1860, Wien ent Mschr 4: 388-389), *Chaetopteryx*)  
*Psilopteryx (Psilopteryx) psorosa transsylvanica* W Mey & L Botosaneanu, 1985 ( ~psorosa (F Kolenati, 1860, Wien ent Mschr 4: 388-389), *Chaetopteryx*)  
*Psilopteryx (Psilopteryx) schmidi* K Kumanski, 1970 (Bulgaria)

*Psilopteryx turcicus* F Cakin, 1983 (Confirmed in genus *Psilopteryx* by F Sipahiler, 2005, *Braueria* 32: 17-18, f 1-11)

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Turkey)  
*Psilopteryx turcicus aladagensis* F Sipahiler, 2005 (Male and female described originally)

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Holotype--Male; TURKEY: Bolu, Aladaglar, Kartalkaya, 1300 m, (40°31'N, 31°48'E), 31-x-2004, leg and col Sipahiler; place of deposition not mentioned)

*Psilotreta* N Banks, 1899

*Psilotreta abudeb* H Malicky & P Chantaramongkol, 1991 : OL (Male variation described, belonging in the *Psilotreta japonica* diagnostic species-group, from additional localities in Myanmar according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Myanmar)  
*Psilotreta aello* H Malicky & P Chantaramongkol, 1996 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Thailand)  
*Psilotreta aidoneus* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264)

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Nepal)  
*Psilotreta albogera* W Mey, 1997 : OL (Male described originally near *Psilotreta quadrata* F Schmid and *Psilotreta schmidi* CR Parker & GB Wiggins)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98

Reported from China and Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 1 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Massif, north side, 2100-2900 m, 27-iii-1995, leg W Mey; deposited in the W Mey collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)  
*Psilotreta amera* HH Ross, 1939 : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 105 United States of America)  
*Psilotreta androconiata* W Mey, 1997 : OL (Male described originally)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98

Reported from Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 1 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 22-29-iv-1995, leg V Sinyajev; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)  
*Psilotreta anfracta* HY Yuan & LF Yang, 2008 : OL (Male described originally near *Psilotreta*

dardanos H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Wuyuan County (29.25°N, 117.83°E), Qinhua River, 57 km north of Wuyuan County (alt 250 m), 25 May 1990, coll John C Morse, Yang Lian-fang; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Psilotreta angkangensis* (H Malicky & P Chantaramongkol, 1993) : OL (Described originally as a subspecies of *Inthanopsyche trimeresuri* H Malicky, 1989, *Opusc zool Flumin* 36: 7, f 15a-i

Treated as a distinct species in the *Psilotreta trimeresuri* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 102 Thailand)

*Inthanopsyche angkangensis* H Malicky & P Chantaramongkol, 1993

*Psilotreta aran* H Malicky, 2009 : OL (Male described originally Holotype--Male; LAOS: Hua Phan Prov Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Psilotreta assamensis* CR Parker & GB Wiggins, 1987 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 India)

*Psilotreta assur* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Psilotreta bareo* H Malicky Holotype--Male; THAILAND: Kanchanaburi Prov, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Psilotreta baureo* H Malicky, 1989 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group, as *Psilotreta baurea*, according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Thailand)

*Psilotreta bidens* W Mey, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98

Reported from Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 2 Vietnam)

*Psilotreta chinensis* N Banks, 1940 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Sichuan))

*Psilotreta cuboides* HY Yuan, LF Yang, & CH Sun, 2008 : OL (Male described originally near *Psilotreta daidalos* H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan Province, Wenshan City (23.18°N, 104.12°E), 5,000 m north of Wenshan City, alt 1,300 m, 9-vii-1990, coll Youwen Li, Xin Ke; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Psilotreta daidalos* H Malicky, 2000 (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Henan))

*Psilotreta daktylos* H Malicky, 2000 (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Henan))

*Psilotreta daphnis* H Malicky, 2000 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Zhejiang))

*Psilotreta dardanos* H Malicky, 2000 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Zhejiang))

*Psilotreta dehiscentis* HY Yuan, CH Sun, & LF Yang, 2007 : OL (Male described originally near *Psilotreta illuan* H Malicky

Male wings illustrated by HY Yuan, LF Yang, & CH Sun, 2008, *Acta Zootaxonomica Sinica* 33(2): f 1 Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Nanchang City, 28.68°N, 115-89°E, Houshan Reservoir, 2.5 km northwest of Jiangxi Agricultural University, alt 90 m, 30 May 1995, coll. Wang Bei-Xing, Sun Chang-hai; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Psilotreta enikoae* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Psilotreta japonica* diagnostic species-group near *Psilotreta papaceki* H Malicky

Reported from Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 2

Holotype--Male; VIETNAM: Quang Tri Province, Da Krong Nature Reserve, 2 km SE of HQ, 16-v-2007, light trap at forest stream [G Csorba]; deposited in the J Olah Private Collection, presently under National Protection of the Hungarian Natural History Museum, Hungary Myanmar)

*Psilotreta excavata* HY Yuan, LF Yang, & CH Sun, 2008 : OL (Male described originally near *Psilotreta trispinosa* F Schmid Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Jiangxi Province, Wuyi Mountain National Nature Preserve (27.46\*N, 118.02\*E), Leigulinshui, 4-vi-2005, coll Changhai Sun; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Psilotreta expers* HY Yuan & LF Yang, 2008 : OL (Male described originally near *Psilotreta aello* H Malicky & P Chantaramongkol Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Anhui Province, Mt Jiuhua (30.66\*N, 117.48\*E), 5-vi-1989, coll Changhai Sun; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Anhui))

*Psilotreta falcula* L Botosaneanu, 1970 (Synonym of *Psilotreta kisoensis* according to L Botosaneanu ,1982,

Not a synonym according to CR Parker & GB Wiggins, 1987, R Ont Mus Life Sci Contrib no 144: 40

First record for South Korea by SJ Park & YJ Bae, 1999, Korean J Limnol 32(4): 303-307

Reported from additional locality in Korea, belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 98, 101 Korean People's Democratic Republic)

*Psilotreta frigidaria* W Mey, 1997 : OL (Male described originally near *Psilotreta androconiata* W Mey and *Psilotreta bidens* W Mey

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 34

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 98

Reported from Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, Insecta Mundi 0180: 2 Holotype--Male; VIETNAM: northwest of Sa Pa, Fan Si Pan Mountains, west side, 1400-1600 m, 29-iii-1995, leg W Mey; deposited in the Mey Collection of the Museum fuer Naturkunde Berlin, Germany Vietnam)

*Psilotreta frontalis* N Banks, 1899 : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, Zootaxa 2457: 105 United States of America)

Syn.: *Heteroplectron gameta* HH Ross, 1939

Syn.: *Psilotreta hansonii* DG Denning, 1948

*Psilotreta illuan* H Malicky, 1989 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 98 Thailand)

*Psilotreta indecisa* (F Walker, 1852) : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, Zootaxa 2457: 105 Canada)

*Goera indecisa* F Walker, 1852

Syn.: *Heteroplectron borealis* L Provancher, 1877

*Psilotreta japonica* (N Banks, 1906) (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 98 Japan)

*Odontocerum japonica* N Banks, 1906

Syn.: *Psilotreta kyotoensis* M Iwata, 1928

*Psilotreta jaroschi* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 34

Reported from additional localities in Vietnam, belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, Zootaxa 2457: 98

Reported from Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, Insecta Mundi 0180: 2

Vietnam)

*Psilotreta kisoensis* M Iwata, 1928 (

Host of *Agriotypus* sp. (Hymenoptera: Ichneumonidae) according to Anonymous, 2005, *Hibakagaku* 215: 1-9

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 25

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Japan)

Syn.: *Psilotreta armata* AV Martynov, 1933

*Psilotreta kurenschikovorum* TI Arefina-Armitage & BJ Armitage, 2011 : OL (Male described originally near *Psilotreta albogera* W Mey [as *Psilotreta albogera* Malicky], *Psilotreta aran* H Malicky, *Psilotreta dardanos* H Malicky, *Psilotreta kwantungensis* G Ulmer, & *Psilotreta quin* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Thua Thien-Hue Province, Bach Ma National Park, Parashorea Trail, dry stream bed in dipterocarp forest, 9 km from park entrance, 1000 m, 16°16'02.4"N, 107°50'49.6"E, Malaise trap, 26-v-13-vi-2001, C Darling and N Tatarnic; ROM 2001503; Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Psilotreta kwantungensis* G Ulmer, 1926 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group, as *Psilotreta kwantungensis*, according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Guangdong))

*Psilotreta labida* HH Ross, 1944 : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 105 United States of America)

*Psilotreta lobopennis* C Hwang, 1957 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Fujian))

*Psilotreta locumtenens* L Botosaneanu, 1970 (First record for South Korea by SJ Park & YJ Bae, 1999, *Korean J Limnol* 32(4): 303-307

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Korean People's Democratic Republic)

Syn.: *Ganonema odaenum* M Kobayashi, 1989

*Psilotreta malickyi* J Olah & KA Johanson, 2010 : OL (Male described originally in the *Psilotreta trimeresuri* diagnostic species-group near *Psilotreta trimeresuri* (H Malicky) Holotype--Male; MYANMAR: North East, Kambaiti, 2000 m, 12-v-1934, Malaise trap; Malaise BM 1938-258; deposited in The Natural History Museum, London, United Kingdom Myanmar)

*Psilotreta ochina* ME Mosely, 1942 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Fujian))

*Psilotreta orientalis* C Hwang, 1957 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Fujian))

*Psilotreta papaceki* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34

Reported from additional locality in Vietnam, belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98, 102

Reported from Laos and Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 2 Vietnam)

*Psilotreta porrecta* HY Yuan, CH Sun, & LF Yang, 2007 : OL (Male described originally near *Psilotreta illuan* H Malicky and *Psilotreta dehiscentis* H-Y Yuan, C-H Sun, & L-F Yang Holotype--Male; CHINA: Jiangxi Province, Yifeng County (28.4°N, 114.78°E), Guanshan East River, alt. 300 m, 8 July 1995, coll WANG Jian-Guo; deposited in the Insect Museum of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Jiangxi))

*Psilotreta pyonga* J Olah, 1985 (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Korean People's Democratic Republic)

*Psilotreta qinglingshanensis* W Mey & L Yang, 2001 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group, as *Psilotreta qinglingshanensis*, according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Holotype--XXX?; CHINA: Sichuan, Wenchuan Xian, Minjing tributary China (Sichuan))

*Psilotreta quadrata* F Schmid, 1959 : OL (Belonging in the *Psilotreta japonica* diagnostic species-



group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Yunnan))  
*Psilotreta quin* H Malicky & P Chantaramongkol, 1991 : OL (Belonging in the *Psilotreta trimeresuri* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 102 Thailand)

*Psilotreta quinlani* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 Nepal)

*Psilotreta rectangula* HY Yuan & LF Yang, 2008 : OL (Male described originally near *Psilotreta quadrata* F Schmid Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Yunnan Province, Dali County (25.42\*N, 100.10\*E), Zhonghe Cun (alt 2,150 m), 22 May 1996, light trap, coll Yang Lian-fang, John C. Morse; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Psilotreta rossi* JB Wallace, 1970 : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 105 United States of America)

*Psilotreta rufa* (HA Hagen, 1861) : NA (Belonging in the *Psilotreta frontalis* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457: 105 United States of America)

*Molanna rufa* HA Hagen, 1861

Syn.: *Astoplectron connexa* N Banks, 1914

Syn.: *Heteroplectron? dissimilis* N Banks, 1897

*Psilotreta schmidi* CR Parker & GB Wiggins, 1987 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 India)

*Psilotreta spinata* HY Yuan & LF Yang, 2008 : OL (Male described originally near *Psilotreta kwantungensis* G Ulmer Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Province, Huajiang County (25.22\*N, 108.64\*E), Jiuwandashan Nature Preserve, Jiuren Baohuzhan, Neichang Xi (alt 1,144 m), 15-vi-2004, coll X Zhou, CH Sun; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Psilotreta spitzeri* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 34

Reported from an additional locality in Vietnam, belonging in the *Psilotreta trimeresuri* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 102, 105

Reported from an additional locality in Vietnam by TI Arefina-Armitage & BJ Armitage, 2011, *Insecta Mundi* 0180: 2-3 Vietnam)

*Psilotreta tenuispina* HY Yuan & LF Yang, 2008 : OL (Male described originally near *Psilotreta kwantungensis* G Ulmer Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangxi Province, Jinxiu County (24.14\*N, 110.18\*E), Laoshan Caiyuchang (alt 800 m), 4-vi-1994, coll Tao Zen; deposited in the Insect Collection of Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangxi))

*Psilotreta trimeresuri* (H Malicky, 1989) : OL (Larva described by P Thamsenanupap, P Chantaramongkol, & H Malicky, 2005, *Braueria* 32: 10-11, pl 5 f 1-4

Transferred from *Inthanopsyche* to *Psilotreta* by synonymization of genera, belonging in the *Psilotreta trimeresuri* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 97, 102 Thailand)

*Inthanopsyche trimeresuri* H Malicky, 1989

*Psilotreta trispinosa* F Schmid, 1965 : OL (Belonging in the *Psilotreta japonica* diagnostic species-group according to J Olah & KA Johanson, 2010, *Zootaxa* 2457: 98 China (Zhejiang))

*Psilotreta vertebrata* HY Yuan, LF Yang, & CH Sun, 2008 : OL (Male described originally near *Psilotreta daidalos* H Malicky Holotype--Male; PEOPLE'S REPUBLIC OF CHINA: Guangdong Province, Ruyuan County (24.9\*N, 113.06\*E), Nanling Nature Preserve, tributary of Yangxi River, Baima Hole, Xisan Power Plant, 300 m upstream of bridge, alt 410 m, 17-v-2004, coll JC Morse, Chang-hai Sun; deposited in the Insect Collection, Nanjing Agricultural University, Nanjing, Jiangsu Province, People's Republic of China China (Guangdong))

*Psilotreta watananikorni* H Malicky & P Chantaramongkol, 1995 : OL (Belonging in the *Psilotreta trimeresuri* diagnostic species-group by J Olah & KA Johanson, 2010, *Zootaxa* 2457:

**102 Thailand)**

*Psilotreta zoar* H Malicky & W Mey, 2011 : OL (Male described originally near *Psilotreta bidens* W Mey Holotype--Male; MALAYSIA [Peninsular]: Cameron Highlands, Tanah Rata, 27-vii-1996, leg Koch; deposited in the Zoologisches Museum, Berlin, Germany Malaysia (Peninsular))

*Psychoglypha* HH Ross, 1944

*Psychoglypha alascensis* (N Banks, 1900) : NA (Alaska)

*Halesus? alascensis* N Banks, 1900

Syn.: *Glyphopsyche ullus* LJ Milne, 1935

*Psychoglypha avigo* (HH Ross, 1941) : NA (United States of America)

*Glyphopsyche avigo* HH Ross, 1941

*Psychoglypha bella* (N Banks, 1903) : NA (Canada)

*Glyphotaelius bella* N Banks, 1903

*Psychoglypha browni* DG Denning, 1970 : NA (United States of America)

*Psychoglypha klamathi* DG Denning, 1970 : NA (United States of America)

*Psychoglypha leechi* DG Denning, 1970 : NA (United States of America)

*Psychoglypha mazamae* DG Denning, 1970 : NA (United States of America)

*Psychoglypha ormiae* (HH Ross, 1938) : NA (United States of America)

*Glyphopsyche ormiae* HH Ross, 1938

Syn.: *Psychoglypha atlinensis* S Ling, 1938

*Psychoglypha prita* (LJ Milne, 1935) : NA (Canada)

*Glyphopsyche prita* LJ Milne, 1935

*Psychoglypha rossi* F Schmid, 1952 : NA (Canada)

*Psychoglypha schmidi* AP Nimmo, 1965 : NA (Canada)

*Psychoglypha schuhi* DG Denning, 1970 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Female described by DE Ruiter & DW Blinn, 2009, *Braueria* 36: 5, f 11a-i United States of America)

*Psychoglypha smithi* DG Denning, 1970 : NA (United States of America)

*Psychoglypha subborealis* (N Banks, 1924) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, *Can J Zool* 81: 1083-1095 Alaska)

*Chilostigma subborealis* N Banks, 1924

*Psychomyia* PA Latreille, 1829

*Psychomyia adebratti* KA Johanson, 2002 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 27-iii-1988, light trap [Stig Adebratt]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Psychomyia adun* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia aigina* H Malicky, 1997 : OL (Brunei)

*Psychomyia alkibiades* H Malicky, 2000 : OL (Malaysia (Sabah))

*Psychomyia amor* H Malicky & P Chantaramongkol, 1997 : OL (Thailand)

*Psychomyia amphiaraos* H Malicky & P Chantaramongkol, 1997 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)

*Psychomyia anakdelapan* H Malicky, 1995 : OL (China (Sichuan))

*Psychomyia anaksusuan* H Malicky, 1995 : OL (Indonesia (Bali))

*Psychomyia anaktiri* H Malicky, 1995 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Psychomyia andromache* H Malicky, 1997 : OL (Laos)

*Psychomyia andromeda* H Malicky, 1997 : OL (Laos)

*Psychomyia anteia* H Malicky, 1997 : OL (Laos)

*Psychomyia aprilis* KA Johanson, 2002 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 19-iv-1988, light trap [Stig Adebratt]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Psychomyia arefinae* F Schmid, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Psychomyia aristophanes* H Malicky, 2011 (Male described originally near *Psychomyia unzickeri* F Schmid, *Psychomyia suni* F Schmid, *Psychomyia kumanskii* F Schmid, and *Psychomyia ctenophora* R McLachlan Holotype--Male; CHINA: Shaanxi, Qinling Mts, 1000 m, 34°14'N, 107°18'E, 30-v-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))

*Psychomyia armata* F Schmid, 1964 (Japan)

*Psychomyia armitagei* F Schmid, 1997 : OL (India)

*Psychomyia arthit* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia asvagosha* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Psychomyia bacthaia* J Olah & H Malicky, 2010 : OL (Male described originally in the *Psychomyia flavida* Group near *Psychomyia armitagei* F Schmid Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Psychomyia barata* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Thailand)

*Psychomyia benyagai* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Distributed in Thailand and India according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Thailand)

*Psychomyia bhutana* J Olah, 1985 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Bhutan)

*Psychomyia birushka* TI Arefina & IM Levanidova, 1996 (Russia (Khabarovskye Region))

*Psychomyia botosaneanui* F Schmid, 1997 : OL (India)

*Psychomyia bruneiensis* H Malicky, 1993 : OL (Brunei)

*Psychomyia capillata* G Ulmer, 1910 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Distributed in Thailand and Indonesia (Sumatra) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Java))

*Psychomyia chompu* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 Thailand)

*Psychomyia ctenophora* R McLachlan, 1884 (Portugal)

*Psychomyia curriei* F Schmid, 1997 : OL (India)

*Psychomyia dactylina* C Sun, 1997 (China (Henan))

*Psychomyia dadayensis* F Sipahiler, 2006 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)

*Psychomyia dara* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Psychomyia dasaratha* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Psychomyia deidameia* H Malicky, 2000 : OL (Malaysia (Sabah))

*Psychomyia deiphobos* H Malicky, 2000 : OL (Malaysia (Sabah))  
*Psychomyia demodokos* H Malicky, 2000 : OL (Malaysia (Sabah))  
*Psychomyia denisi* F Schmid, 1997 : OL (India)  
*Psychomyia dugpa* F Schmid, 1975 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 Bhutan)  
*Psychomyia enyo* H Malicky, 2000 : OL (Malaysia (Sabah))  
*Psychomyia eriphyle* H Malicky & N Sangpradub, 2001 : OL (Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, Braueria 37: 28 Holotype--Male; THAILAND, Pu Pan NP, P. 11 Thailand)  
*Psychomyia extensa* Y-W Li, C-H Sun, & L-F Yang, 1999 : OL (China (Hubei))  
*Psychomyia falcata* KA Johanson, 2002 : OL (Male described originally near *Psychomyia palawarella* W Mey and *Psychomyia demodokos* H Malicky Holotype--Male; MALAYSIA: Borneo, Sabah, Sipitang, Mendolong, Nersery, 5-iv-1988, light trap, Stig Adebratt leg; in 70% ethanol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))  
*Psychomyia flavida* HA Hagen, 1861 : NA (Male and female genitalia redescribed, newly reported from Japan (Hokkaido, Masuho River & Sarobetsu Marsh) by T Ito, K Suzuki, A Ohkawa, 2000, Biology of Inland Waters 15: 21, f 3A-C

Mean frequency, maximum percent composition, percent of streams inhabited, mean percent embeddedness, specific conductance index (SCI), and channel embeddedness index (EMBI) reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Siberia (Barnaul) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Reported from Arizona by Blinn & Ruiter, 2009, Southwestern Naturalist 54(2): 182-194 Canada)

Syn.: *Psychomyia moesta* N Banks, 1907  
Syn.: *Psychomyia pulchella* N Banks, 1899  
Syn.: *Psychomyiella composita* AV Martynov, 1910  
*Psychomyia flinti* F Schmid, 1997 : OL (India)  
*Psychomyia forcipata* AV Martynov, 1934 (Russia (southern Far East))  
*Psychomyia fukienensis* C Hwang, 1957 : OL (China (Fujian))  
*Psychomyia galli* F Schmid, 1997 : OL (India)  
*Psychomyia giboni* F Schmid, 1997 : OL (India)  
*Psychomyia gonzalezi* F Schmid, 1997 : OL (India)  
*Psychomyia higleri* F Schmid, 1997 : OL (India)  
*Psychomyia holzenthali* F Schmid, 1997 : OL (India)  
*Psychomyia husim* H Malicky, 2009 : OL (Male described originally near *Psychomyiasinon* H Malicky & T Prommi Holotype--Male; INDONESIA: E Kalimantan, Kayan-Mentarang Nature Reserve, 378 m, 02°52'N, 115°49'E, 28-iii-16-iv-1994, leg B Hybley & DC Darling; IIS 940509; deposited via Royal Ontario Museum, Toronto, Ontario, Canada, into Zoological Museum, Berlin, Germany Indonesia (Kalimantan))  
*Psychomyia hutapadangensis* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Psychomyia indra* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Psychomyia intorachit* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Psychomyia isaschar* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Na Hang, 160 km NWW Hanoi, 150-200 m, 26-v-14-vi-1996, leg Napolov & Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)  
*Psychomyia itoae* F Schmid, 1997 : OL (India)  
*Psychomyia itys* H Malicky & J Nawvong, 2004 : OL (Male described originally Holotype--Male; Thailand: Phrae Province, Wieng Ko Sai National Park, Namtok Maekueng, 17°58'N, 99°35'E,

350 m, 22-23-7-2002, leg J Naewong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Psychomyia ivanovi* F Schmid, 1997 : OL (India)

*Psychomyia kaiya* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia kalais* H Malicky, 2004 : OL (Male described originally near *Psychomyia amor*, *Psychomyia andromeda*, and *Psychomyia monto* Holotype--Male; Indonesia: Jawa Timur, Waldbach westlich Trawas, 800 m 7\*40'S, 112\*35'E, 21-iv-2003, leg Malicky, deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Java Timor))

*Psychomyia karkii* H Malicky, 1994 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Psychomyia kerynitia* H Malicky & A Nuntakwang, 2007 : OL (Male described originally Holotype--Male; THAILAND: Chiang Rai Prov, Doi Luang National Park, Namtok Pu Keang, 540 m, 19\*26'N, 99\*42'E, 23-24-vi-2002, leg Arthit Nuntakwang; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Psychomyia kiskinda* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia klapaleki* H Malicky, 1995 (Larva described and distribution provided by G Urbanic, JA Waringer, & W Graf, 2003, Lauterbornia 46: 135-140 Slovenia)

*Psychomyia kotamobagu* H Malicky, 1993 : OL (Indonesia (Sulawesi))

*Psychomyia kumanskii* F Schmid, 1997 : OL (India)

*Psychomyia kumari* F Schmid, 1997 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 India)

*Psychomyia kuni* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia kuranishi* F Schmid, 1997 : OL (India)

*Psychomyia lagunella* W Mey, 2003 : OL (Male described originally possibly near *Psychomyia luzonella* W Mey and *Psychomyia mindorella* W Mey Holotype--Male; PHILIPPINES: Luzon, Laguna, Pangil, at light 11-iv-1997, leg W Mey; genitalia slide Mey 7/03; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Psychomyia lak* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia levanidovae* F Schmid, 1997 : OL (India)

*Psychomyia lii* F Schmid, 1997 : OL (India)

*Psychomyia lumina* (HH Ross, 1938) : NA (United States of America)

*Psychomyiella lumina* HH Ross, 1938

*Psychomyia luzonella* W Mey, 2003 : OL (Male described originally near *Psychomyia mindorella* W Mey Holotype--Male; PHILIPPINES: Luzon, Laguna, Pangil, at light, ii-iv-1997, leg W Mey; genitalia slide Mey 6/03; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Psychomyia madai* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Na Hang, 160 km NWW Hanoi, 150-200 m, 26-v-14-vi-1996, leg Napolov & Roma; deposited in the H Malicky Collection, Lunz am See, Austria Vietnam)

*Psychomyia mahadenna* F Schmid, 1961 : OL (Pakistan)

*Psychomyia maharaksa* F Schmid, 1961 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Psychomyia malickyi* F Schmid, 1997 : OL (India)

*Psychomyia martynovi* C Hwang, 1957 : OL (China (Fujian))

*Psychomyia mendolongensis* KA Johanson, 2002 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 27-iii-1988, light trap [Stig Adebratt]; in Euparal; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Psychomyia mengensis* F Sipahiler, 2006 (Male re-illustrated as *Psychomyia mengensis* by H Malicky, 2005, Linzer biol Beitr 37(1): f 2

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)

*Psychomyia meyi* F Schmid, 1997 : OL (India)

*Psychomyia mindanella* W Mey, 1998 : OL (Philippines (Mindanao))

*Psychomyia mindorella* W Mey, 1998 : OL (Male described originally, related to *Psychomyia muelleri* H Malicky and *Psychomyia panayella* W Mey Holotype--Male; Philippines: Mindoro, Mamburao, Lingang, 7-3-1994, at light, leg W Mey; deposited initially in the Museum fuer

Naturkunde Berlin, Germany Philippines (Mindoro))

*Psychomyia minima* (AV Martynov, 1910) (Reported from Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2005, Proc Internatn Symp Trichoptera 11: 18

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Cherga) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 31

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (central Siberia))

*Psychomyiella minima* AV Martynov, 1910

*Psychomyia mithila* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia monicae* F Schmid, 1997 : OL (India)

*Psychomyia monto* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Psychomyia moretti* F Schmid, 1997 : OL (India)

*Psychomyia morisitai* M Tsuda, 1942 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Distributed in Japan (Honshu, Shikoku) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Japan)

*Psychomyia morsei* F Schmid, 1997 : OL (India)

*Psychomyia muelleri* H Malicky, 1993 : OL (Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 12, 15 Philippines)

*Psychomyia nevoissi* F Schmid, 1997 : OL (India)

*Psychomyia negrosella* W Mey, 1998 : OL (Male described originally, related to *Psychomyia muelleri* H Malicky Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Psychomyia nimmoi* F Schmid, 1997 : OL (India)

*Psychomyia nipponica* M Tsuda, 1942 (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Distributed in Japan (Honshu) according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255 Japan)

*Psychomyia nogradiae* F Schmid, 1997 : OL (India)

*Psychomyia nomada* (HH Ross, 1938) : NA (United States of America)

*Psychomyiella nomada* HH Ross, 1938

*Psychomyia pajauensis* KA Johanson, 2002 : OL (Holotype--Male; Malaysia, O Borneo, Pajau River [Mjoberg leg]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (O Borneo))

*Psychomyia palawanella* W Mey, 1998 : OL (Male described originally, related to *Psychomyia bruneiensis* H Malicky and *Psychomyia dara* H Malicky Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Psychomyia palawarella* W Mey, 1998 : OL (Philippines (Palawa))

*Psychomyia panayella* W Mey, 1998 : OL (Male described originally, with nearest relatives *Psychomyia mindorella* W Mey and *Psychomyia muelleri* H Malicky Holotype--Male; Philippines: Panay, Antique, Culasi, St Vincente, 11-4-1995, small brook, 400 m, captured during day, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Psychomyia phobos* H Malicky, 2008 : OL (Male described originally near *Psychomyia dara* H Malicky, *Psychomyia hutapadangensis* H Malicky, and *Psychomyia bruneiensis* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-vi-2000, B0420PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia plexippos* H Malicky, 2008 : OL (Male described originally near *Psychomyia anaktiri* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan

and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-iv-2001, B1313PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia podaleirios* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia poltavkaensis* JM Hur & JC Morse, 2006 (Russia (southern Far East))

*Psychomyia polydarkes* H Malicky, 2008 : OL (Male described originally near *Psychomyia* aprilis KA Johanson, *Psychomyia* adebratti KA Johanson, and *Psychomyia* deiphobos H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 27-vii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia polydektes* H Malicky, 2008 : OL (Male described originally near *Psychomyia* anaktiri H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 27-viii-2000, B0431PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia polykrates* H Malicky, 2008 : OL (Male described originally near *Psychomyia* polymestor H Malicky and *Psychomyia* theoklymenos H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 07-viii-2000, B0711PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia polymestor* H Malicky, 2008 : OL (Male described originally near *Psychomyia* deidameia H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 10-viii-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia pruthii* (AV Martynov, 1935) : OL (India)

*Psychomyiella pruthii* AV Martynov, 1935

*Psychomyia pusilla* (JC Fabricius, 1781) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval prothrochantin and anal proleg illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 38-39;

Habitat colonization by K Jorde & C Bratrich, 1998, in G Bretschko & J Helesic (editors), Adv Riv Bottom Ecol, Backhuys Publ Leiden, 344 pp

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, Lauterbornia 56: 155-167

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 254

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39

Midgut epithelial goblet cells described by C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 75-81

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Larva described and compared with *Paduniella vandeli* by G Coppa, A Robe, & Y Letet, 2010 ("2009"), *Ephemera* 11(1): 1-15, f 2 Italy)

*Phryganea pusilla* JC Fabricius, 1781

Syn.: *Anticyra ciliaris* JF Stephens, 1836

Syn.: *Anticyra gracilipes* J Curtis, 1834

Syn.: *Anticyra latipes* J Curtis, 1834

Syn.: *Anticyra subochracea* JF Stephens, 1836

Syn.: *Cyrnus unicolor* JF Stephens, 1836

Syn.: *Psychomyia acuta* FJ Pictet, 1834

Syn.: *Psychomyia annulicornis* FJ Pictet, 1834

Syn.: *Psychomyia bifurcata* ME Mosely, 1938

Syn.: *Psychomyia shelkovnikovi* AV Martynov, 1925

Syn.: *Psychomyia tenuis* FJ Pictet, 1834

*Psychomyia pythagoras* H Malicky, 2011 : OL (Male described originally near *Polyplectropus benyagai* H Malicky & P Chantaramongkol, *Polyplectropus malickyi* F Schmid, *Polyplectropus wangi* F Schmid, *Polyplectropus spinosa* L Tian Holotype--Male; CHINA: Gansu, Xiahe, 2930 m, 35°12'N, 102°33'E, 8-vii-2010, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Gansu))

*Psychomyia ramosa* KA Johanson, 2002 : OL (Holotype--Male; Malaysia, O Borneo, Pajau River [Mjoberg leg]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (O Borneo))

*Psychomyia reguel* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Psychomyia reshi* F Schmid, 1997 : OL (India)

*Psychomyia samanaka* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Vietnam, Thailand by J Olah & H Malicky, 2010, *Braueria* 37: 28 Thailand)

*Psychomyia schefferae* F Schmid, 1997 : OL (Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 496 India)

*Psychomyia scottae* F Schmid, 1997 : OL (Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 496 India)

*Psychomyia selatana* J Olah & KA Johanson, 2010 : OL (Male described originally near *Psychomyia anaktiri* H Malicky

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; deposited in the Janos Olah Private Collection, Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Psychomyia sinon* H Malicky & T Prommi, 2006 : OL (Male described originally near *Psychomyia amphoaraos* H Malicky & P Chantaramongkol, *Psychomyia asvagosha* F Schmid, *Psychomyia capillata* G Ulmer, *Psychomyia kalais* H Malicky, and *Psychomyia monto* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Suratthani Prov, KIhaosok National Park, Sib-Et-Chan Waterfall, 133 m, 8°55'N, 98°31'E, 7-x-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)

*Psychomyia sipitanga* KA Johanson, 2005 : OL (Homonym of *Psychomyia spinosa* L Tian, 1993 ("1992"), in L Tian, Y Li, L Yang, C Sun, in S Chen, ed, *Insects Hengduan Mount Reg*, vol 2, Sci



Press, Beijing, p 879-880, 890, pl 8 f 1-3 Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 26-iv-1988, light trap [Stig Adebratt leg]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah)

Syn.: *Psychomyia spinosa* KA Johanson, 2002

*Psychomyia siveci* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Psychomyia sonlana* J Olah & H Malicky, 2010 : OL (Male described originally in the *Psychomyia flavida* Species Group, *Psychomyia capillata* Species Cluster, near *Psychomyia amphiaraos* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Son La Province, Moch Chau, 24-26-x-1986 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Psychomyia spinosa* L Tian, 1993 : OL (China (Yunnan))

*Psychomyia spurisi* F Schmid, 1997 : OL (India)

*Psychomyia struwelpeter* H Malicky, 1993 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Psychomyia suni* F Schmid, 1997 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 India)

*Psychomyia suriganella* W Mey, 1998 : OL (Male described originally Holotype--Male; Philippines: Mindanao, Surigao del Sur, Tago, Meme River, 15-6-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Mindanao))

*Psychomyia sykorai* F Schmid, 1997 : OL (India)

*Psychomyia theoklymenos* H Malicky, 2008 : OL (Male described originally near *Psychomyia Psychomyia polymestor* H Malicky Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02\*59'29" - 03\*04'04"N and 116\*29'48" - 116\*33'29"E, between 100 and 200 m, 13-vi-2000, B0310PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Psychomyia tiani* F Schmid, 1997 : OL (India)

*Psychomyia tobiasi* F Schmid, 1997 : OL (India)

*Psychomyia tomaszewskii* F Schmid, 1997 : OL (India)

*Psychomyia trifurcata* KA Johanson, 2002 : OL (Homonym of *Psychomyia spinosa* L Tian, 1993 ("1992"), in L Tian, Y Li, L Yang, C Sun, in S Chen, ed, Insects Hengduan Mount Reg, vol 2, Sci Press, Beijing, p 879-880, 890, pl 8 f 1-3 Holotype--Male; Malaysia: Borneo, Sabah, Sipitang, Mendolong Nersery, 26-iv-1988, light trap [Stig Adebratt leg]; in 70% alcohol; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Psychomyia unzickeri* F Schmid, 1997 : OL (India)

*Psychomyia usitata* R McLachlan, 1875 : OL, PA ("Habitat prope Maracandam, Peischambe et in montibus prope Djam")

Lectotype not selected Uzbekistan, Kazakhstan)

*Psychomyia vaillanti* F Schmid, 1997 : OL (India)

*Psychomyia vernacula* Y-W Li, C-H Sun, & L-F Yang, 1999 : OL (China (Fujian))

*Psychomyia vietnama* J Olah & H Malicky, 2010 : OL (Male described originally in the *Psychomyia flavida* Species Group, *Psychomyia capillata* Species Cluster, near *Psychomyia neboissi* F Schmid Holotype--Male; VIETNAM: Ha Son Binh Province, Hoabinh, 2 km towards Dabac, 30-i-1986 [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Psychomyia wangi* F Schmid, 1997 : OL (India)

*Psychomyia wardi* F Schmid, 1997 : OL (India)

*Psychomyia weaveri* F Schmid, 1997 : OL (India)

*Psychomyia wellsae* F Schmid, 1997 : OL (India)

*Psychomyia wigginsi* F Schmid, 1997 : OL (India)

*Psychomyia yangae* F Schmid, 1997 : OL (India)

*Psychomyia zimmermanni* H Malicky, 1993 : OL (Indonesia (Sulawesi))

*Psychomyiella* G Ulmer, 1908

*Psychomyiella acuta* (L Navas, 1934) : OL (India)

*Khandalina acuta* L Navas, 1934

*Psychomyiella acutipennis* G Ulmer, 1908 (Distributed in Japan (Honshu), as *Psychomyia acutipennis*, according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan), as *Psychomyia acutipennis*, by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture), as *Hydroptila acutipennis* T Kobayashi, by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

*Psychomyiella babai* M Kobayashi, 1987 : OL (Taiwan)

*Psychomyiella billnis* M Kobayashi, 1987 (

Reported from Hiroshima Prefecture (Japan), as *psychomyia billnis*, by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Psychomyiella coreana* M Tsuda, 1942 (Korea)

*Psychomyiella cruciata* K Kumanski, 1992 (Reported from Russia (Primorye) and North Korea TI Arefina, 2005, Zootaxa 1088: 48-49, f 2-3 Korean People's Democratic Republic)

*Psychomyiella feuerborni* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra), as *Psychomyia feuerborni*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Psychomyiella fulmeki* G Ulmer, 1930 : OL (Listed from Indonesia (Sumatra), as *Psychomyia fulmeki*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Psychomyiella hamus* C Hwang, 1957 : OL (China (Jiangsu))

*Psychomyiella myohyangsanica* K Kumanski, 1992 (Korean People's Democratic Republic)

*Psychomyiella thienemanni* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra), as *Psychomyia thienemanni*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Psychomyiella ulmeri* N Banks, 1939 : OL (Philippines)

*Psychoronia* N Banks, 1916

*Psyllobetina* N Banks, 1939

*Psyllobetina attunga* A Neboiss, 1962 : AU (Australia)

*Psyllobetina cumberlandica* A Neboiss, 1962 : AU (Australia)

*Psyllobetina locula* A Neboiss, 1962 : AU (Australia)

*Psyllobetina perkinsi* A Neboiss, 1962 : AU (Australia)

*Psyllobetina plutonis* N Banks, 1939 : AU (New South Wales)

*Ptilocolepus* F Kolenati, 1848

*Ptilocolepus atiloma* F Schmid, 1991 : OL (India)

*Ptilocolepus colchicus* AV Martynov, 1913 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Georgia)

*Ptilocolepus dilatatus* AV Martynov, 1913 (A good species according to H Malicky, 2005, Linzer biol Beitr 37(1): 542

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Georgia)

*Ptilocolepus dilatatus minor* AV Martynov, 1913 (

~*dilatatus* AV Martynov, 1913, Arb zool Labor Warschau (1912) p 23-26, pl 1 f 12, pl 2 f 7-9, pl 3 f 1)

*Ptilocolepus extensus* R McLachlan, 1884 (Larva, pupa, case, biology, distribution in Spain and

Portugal by MA Gonzalez, R Vieira-Lanero, & F Cobo, 2000, Aq Ins 22(1): 27-38 Portugal)  
*Ptilocolepus granulatus* (FJ Pictet, 1834) (Recorded from Denmark by P Wiberg-Larsen, TM Iversen, & J Thorup, 1991, Entomol Meddr 59: 45-50

World distribution, biology reported by T Ito, 1998, in L Botosaneanu, Stud Crenobiol, Backhuys Publ, Leiden: 85-94

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 191

Ecology, morphology, and distribuiton in Austria provided by J Waringer & W Graf, 2002, Lauterbornia 43: 121-129

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 France)

*Rhyacophila granulatus* FJ Pictet, 1834

Syn.: *Ptilocolepus funereus* F Kolenati, 1859

Syn.: *Ptilocolepus turbidus* F Kolenati, 1848

*Ptilocolepus namnao* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Ptilocolepus villosus* L Navas, 1916 (Spain)

*Ptilostomis* F Kolenati, 1859

subgenus *Neuronella* N Banks, 1951

*Ptilostomis (Neuronella) angustipennis* (HA Hagen, 1873) : NA (United States of America)

*Neuronella angustipennis* HA Hagen, 1873

subgenus *Ptilostomis* F Kolenati, 1859

*Ptilostomis (Ptilostomis) ocellifera* (F Walker, 1852) : NA (Canada)

*Neuronella ocellifera* F Walker, 1852

Syn.: *Neuronella simulans* C Betten & ME Mosely, 1940

Syn.: *Ptilostomis kovalevskii variety b* F Kolenati, 1859

*Ptilostomis (Ptilostomis) postica* (F Walker, 1852) : NA (United States of America)

*Neuronella postica* F Walker, 1852

Syn.: *Ptilostomis kovalevskii variety a* F Kolenati, 1859

*Ptilostomis (Ptilostomis) semifasciata* (T Say, 1828) : NA (United States of America)

*Phryganea semifasciata* T Say, 1828

Syn.: *Neuronella dubitans* C Betten & ME Mosely, 1940

Syn.: *Neuronella fusca* F Walker, 1852

*Ptychobiosis* A Neboiss, 1977

*Ptychobiosis iconica* A Neboiss, 2002 : AU (Male and female described originally Holotype--Male; Australia: Tasmania, Olga-Hardwood River saddle, buttongrass plain, 4 Mar 1977, P Allbrook, J Richardson, and R Swain; deposited in the Museum of Victoria, Melbourne, Australia Australia)

*Ptychobiosis neboissi* F Schmid, 1989 : AU (Australia)

*Ptychobiosis nigrata* (N Banks, 1939) : AU (Australia)

*Notiobiosis nigrata* N Banks, 1939

Syn.: *Taschorema nigrum* ME Mosely, 1953

*Ptychobiosis rieki* (A Neboiss, 1962) : AU (Australia)

*Taschorema rieki* A Neboiss, 1962

*Pycnocentrella* ME Mosely, 1953

*Pycnocentrella eruensis* ME Mosely, 1953 : AU (New Zealand)

*Pycnocentria* R McLachlan, 1866

*Pycnocentria evecta* R McLachlan, 1868 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489 New Zealand)

*Pycnocentria forcipata* ME Mosely, 1953 : AU (New Zealand)

*Pycnocentria funerea* R McLachlan, 1866 : AU (New Zealand)

*Pycnocentria gunni* (AG McFarlane, 1956) : AU (New Zealand)

*Conia gunni* AG McFarlane, 1956

*Pycnocentria hawdonia* AG McFarlane, 1956 : AU (New Zealand)

*Pycnocentria mordax* JB Ward, 1997 : AU (New Zealand)

*Pycnocentria patricki* JB Ward, 1995 : AU (New Zealand)

*Pycnocentria sylvestris* (AG McFarlane, 1973) : AU (New Zealand)

*Periwinkla sylvestris* AG McFarlane, 1973

*Pycnocentrodes* RJ Tillyard, 1924

*Pycnocentrodes aeris* KAJ Wise, 1958 : AU (Taxon-specific responses to high-flow disturbance in streams and their implications for population persistence reported by JR Holomuzki & JF Biggs, 2000, Journal of the North American Benthological Society 19(4): 670-679

Effects of high-flow mediated by sediment texture reported by JR Holomuzki & BJF Biggs, 2003, Journal of the North American Benthological Society 22(4): 542-553 New Zealand)

*Pycnocentrodes aureolus* (R McLachlan, 1868) : AU (Emended to *Pycnocentrodes aureolus* from *Pycnocentrodes aureola* by JB Ward, 1999, Rec Canterbury Mus 13: 92 New Zealand)

*Pycnocentria aureolus* R McLachlan, 1868

Syn.: *Pycnocentrodes pulchellus* RJ Tillyard, 1924

Syn.: *Pycnocentrodes unicolor* KAJ Wise, 1958

Syn.: *Pycnodentrodes chiltoni* RJ Tillyard, 1924

*Pycnocentrodes modestus* DR Cowley, 1976 : AU (Emended to *Pycnocentrodes modestus* from *Pycnocentrodes modesta* by JB Ward, 1999, Rec Canterbury Mus 13: 92 New Zealand)

*Pycnopsyche* N Banks, 1905

*Pycnopsyche aglona* HH Ross, 1941 : NA (Canada)

*Pycnopsyche antica* (F Walker, 1852) : NA (United States of America)

*Neuronia antica* F Walker, 1852

Syn.: *Pycnopsyche minima* N Banks, 1943

*Pycnopsyche circularis* (L Provancher, 1877) : NA (Canada)

*Platyphylax circularis* L Provancher, 1877

*Pycnopsyche conspersa* N Banks, 1943 : NA (United States of America)

*Pycnopsyche divergens* (F Walker, 1852) : NA (North America)

*Limnephilus divergens* F Walker, 1852

Syn.: *Halesus dan* CK Sibley, 1926

*Pycnopsyche flavata* (N Banks, 1914) : NA (Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334 United States of America)

*Stenophylax flavata* N Banks, 1914

*Pycnopsyche gentilis* (R McLachlan, 1871) : NA (Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, Can J Zool 81: 1083-1095

Reduced detrital resources limit production and growth according to SL Eggert & JB Wallace, 2003, Journal of the North American Benthological Society 22(3): 388-400 United States of America)

*Stenophylax gentilis* R McLachlan, 1871

*Pycnopsyche guttifera* (F Walker, 1852) : NA (larval survival, regulating factors by KW

Cummins & MA Wilzbach, 1998, Internatn Vereinigung Theor Angew Limnol Verhandl 26(4): 2035-2043

possible pheromone dialects detected by DC Houghton, 2002, Proc Internatn Symp Trich 10: 47-54 United States of America)

*Halesus guttifera* F Walker, 1852

Syn.: *Pycnopsyche similis* N Banks, 1907

*Pycnopsyche indiana* (HH Ross, 1938) : NA (Range extension, ecological notes, and new records from Florida reported by AK Rasmussen & DR Denson, 2000, Entomological News 111(5): 359-366 United States of America)

*Stenophylax indiana* HH Ross, 1938

*Pycnopsyche lepida* (HA Hagen, 1861) : NA (Possible pheromone dialects detected by DC Houghton, 2002, Proc Internatn Symp Trich 10: 47-54 United States of America)

*Enoicyla lepida* HA Hagen, 1861

*Pycnopsyche limbata* (R McLachlan, 1871) : NA (Canada)

*Stenophylax limbata* R McLachlan, 1871

*Pycnopsyche luculenta* (C Betten, 1934) : NA (United States of America)

*Stenophylax luculenta* C Betten, 1934

*Pycnopsyche pani* JA Wojtowicz & OS Flint, Jr, 2007 : NA (Male and female described originally in the *Pycnopsyche limbata* Group near *Pycnopsyche luculenta* (C Betten) and *Pycnopsyche sonso* (L Milne) Holotype--Male; UNITED STATES OF AMERICA: Virginia, Botetourt Co, McFalls Cr, Rt 618 at light, 19 Sep 1963, AB Gurney; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Pycnopsyche rossi* C Betten, 1950 : NA (Reported from Tennessee by GJ Wiggins, DA Etnier, JF Grant, PL Lambdin, & AJ Mayor, 2001, Entomological News 112(3): 187-190 United States of America)

*Pycnopsyche scabripennis* (P Rambur, 1842) : NA (locality unknown)

*Limnephila scabripennis* P Rambur, 1842

Syn.: *Pycnopsyche minima* N Banks, 1943

Syn.: *Pycnopsyche perplexa* C Betten & ME Mosely, 1940

*Pycnopsyche sonso* (LJ Milne, 1935) : NA (Male diagnosed versus *Pycnopsyche pani* by JA Wojtowicz & OS Flint, Jr, 2007, Proceedings of the International Symposium on Trichoptera 12: 353-354, f 10-12, map United States of America)

*Stenophylax sonso* LJ Milne, 1935

*Pycnopsyche subfasciata* (T Say, 1828) : NA (locality not mentioned)

*Phryganea subfasciata* T Say, 1828

*Pycnopsyche virginica* (N Banks, 1900) : NA (In genus *Drusinus* (now *Pseudostenophylax*) according to HH Ross, 1944, Bull Illinois Natr Hist Surv 23: 202, 300 United States of America)

*Potamorites virginica* N Banks, 1900

*Radema* HA Hagen, 1864

*Radema infernale* HA Hagen, 1872 (Russia (Lena River))

*Rakiura* AG McFarlane, 1973

*Rakiura vernale* AG McFarlane, 1973 : AU (New Zealand)

*Ramiheithrus* A Neboiss, 1974

*Ramiheithrus kocinus* A Neboiss, 1974 : AU (Australia)

*Ramiheithrus virgatus* A Neboiss, 1974 : AU (Australia)

*Rhadicoleptus* HDJ Wallengren, 1891

*Rhadicoleptus alpestris* (F Kolenati, 1848) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S

Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 244

New drawings of genitalic morphology by F Cianficconi, C Corallini-Sorcetti, & G Moretti, 1999 ("1998"), Proc Internatn Symp Trich 9: 55-63

Reported from Germany by PJ Neu, 1999, Mitteilungen der Pollichia 86: 151-160

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70 Bosnia)

*Stenophylax alpestris* F Kolenati, 1848

Syn.: *Limnophilus ictus*, 1857

Syn.: *Phryganea pilosula* JW Zetterstedt, 1840

*Rhadicoleptus alpestris macedonicus* L Botosaneanu & W Riedel, 1965 ( ~alpestris (F Kolenati, 1848, Gen Spec Trich 1: 26, 32, 66), *Stenophylax*)

*Rhadicoleptus alpestris meridiocarpaticus* L Botosaneanu & W Riedel, 1965 ( ~alpestris (F Kolenati, 1848, Gen Spec Trich 1: 26, 32, 66), *Stenophylax*)

*Rhadicoleptus alpestris spinifer* (R McLachlan, 1875) (Described originally as a distinct species

A subspecies of *Rhadicoleptus alpestris* according Malicky, 1983, Atlas of European Trich)

*Stenophylax alpestris spinifer* R McLachlan, 1875

*Rhadicoleptus alpestris sylvanocarpaticus* L Botosaneanu & W Riedel, 1965 ( ~alpestris (F Kolenati, 1848, Gen Spec Trich 1: 26, 32, 66), *Stenophylax*)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20)

*Rheochorema* F Schmid, 1955

*Rheochorema lobuliferum* OS Flint, 1967 : NT (Larva described from Argentina by EB Angrisano, 2001, Revista de la Sociedad Entomologica Argentina 60(1-4): 196, figs Chile)

*Rheochorema magellanicum* OS Flint, 1974 : NT (Larva described from Argentina by EB Angrisano, 2001, Revista de la Sociedad Entomologica Argentina 60(1-4): 199, figs Argentina)

*Rheochorema robustum* F Schmid, 1955 : NT (Larva described from Argentina by EB Angrisano, 2001, Revista de la Sociedad Entomologica Argentina 60(1-4): 197, figs Chile)

*Rheochorema tenuispinum* F Schmid, 1955 : NT (Larva described from Argentina by EB Angrisano, 2001, Revista de la Sociedad Entomologica Argentina 60(1-4): 197, figs Chile)

*Rhoizema* KH Barnard, 1934

*Rhoizema furciferum* KH Barnard, 1934 : AT (Republic of South Africa)

*Rhoizema mahalevonum* KA Johanson & J Olah, 2006 : AT (Male described originally near *Rhoizema saxiferum* KH Barnard Holotype--Male; MADAGASCAR: Maroantsetra, Mahalevona, ii-1958, R Paulian; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Rhoizema montanum* KH Barnard, 1934 : AT (Republic of South Africa)

*Rhoizema saxiferum* KH Barnard, 1934 : AT (Republic of South Africa)

*Rhoizema spinosum* KH Barnard, 1934 : AT (Republic of South Africa)

*Rhyacophila* FJ Pictet, 1834

*Rhyacophila abchasica* AV Martynov, 1934 (*Rhyacophila philopotamoides* Branch, F Schmid,

1970, Mem Soc ent Can 66: 46 Georgia)  
*Rhyacophila aberrans* AV Martynov, 1913 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Georgia)  
*Rhyacophila abida* H Malicky, 2009 : OL (Male described originally in the *Rhyacophila castanea* Group Holotype--Male; MALAYSIA: Johor, Endau Rompin, Sungai Semawak, 0-150 m, 2°32'N, 103°22'E, 21-22-iii-1999, leg T Trilar & K Prosenec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))  
*Rhyacophila abimael* H Malicky, 2009 : OL (Male described in the *Rhyacophila curvata* Group Holotype--Male; MALAYSIA: Sabah, Kinabalu NP, Gunting Lagadan 3320 m, 16-17-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))  
*Rhyacophila accola* OS Flint, 1972 : NA (Female described by AL Prather, AL Syrett, JC Morse, 1997, P Internatn Symp Trich 8: 391 and by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 97, figs United States of America)  
*Rhyacophila acraliodonta* C Sun, 1995 : OL (China (Zhejiang))  
*Rhyacophila acutiloba* JC Morse & HH Ross, 1971 : NA (Female described by DE Ruiter, 2000, Entomol News 111(3): 228, f 7-11 United States of America)  
*Rhyacophila adjuncta* R McLachlan, 1884 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Portugal)  
*Rhyacophila ainola* H Malicky, 1989 : OL (Phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6, 9

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Rhyacophila aithra* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Rhyacophila alabama* SC Harris, 1991 : NA (United States of America)

*Rhyacophila albardana* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Egg mass and egg ultrastructure by MC Bicchierai & E Gaino, 1997, P Internatn Symp Trich 8: 25-30

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 the Alps Mountains)

*Rhyacophila alberta* N Banks, 1918 : NA ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Canada)

Syn.: *Rhyacophila mirus* DG Denning, 1948

*Rhyacophila alexanderi* DG Denning, 1950 : NA (United States of America)

*Rhyacophila alticola* DE Kimmins, 1953 : OL (Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Tibet)

*Rhyacophila altoincisiva* C Hwang, 1957 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) China (Fujian))

*Rhyacophila amabilis* DG Denning, 1965 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila amasarica* W Mey, 1994 (Russia (Siberia))

*Rhyacophila amblyodonta* C Sun & L Yang, 1999 : OL (China (Sichuan))

*Rhyacophila amicis* HH Ross, 1956 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Female described by AL Prather, AL Syrett, & JC Morse, 1997, P Internatn Symp Trich 8: 391 and by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 112, figs United States of America)

*Rhyacophila anakbatukau* H Malicky, 1995 : OL (Phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 Indonesia (Bali))  
*Rhyacophila anakbuah* H Malicky, 1995 : OL (Malaysia ( XXX ??? ))  
*Rhyacophila anakdjeram* H Malicky, 1995 : OL (China (Sichuan))  
*Rhyacophila anaksungai* H Malicky, 1995 : OL (China (Sichuan))  
*Rhyacophila anaktiongkok* H Malicky, 1995 : OL (China (Sichuan))  
*Rhyacophila anatina* KJ Morton, 1900 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)  
*Rhyacophila ancestralis* AV Martynov, 1935 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila angden* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila angelieri* H Decamps, 1965 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) France)  
*Rhyacophila angelita* N Banks, 1911 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, *Southwestern Naturalist* 51(3): 326-337 United States of America)

Syn.: *Rhyacophila bipartita* N Banks, 1914

*Rhyacophila angulata* AV Martynov, 1910 (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (southwestern Siberia - Altai Mountains))

*Rhyacophila annulicornis* DE Kimmins, 1953 : OL (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Myanmar)

*Rhyacophila antiope* H Malicky, 1997 : OL (India (North Andaman Island))

*Rhyacophila aphrodite* H Malicky, 1975 (Cyprus)

*Rhyacophila apicalis* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila appalachia* JC Morse & HH Ross, 1971 : NA (Female described by AL Prather & JC Morse, 2001, *Transactions of the American Entomological Society* 127(1): 99, figs and by DA Etnier, CR Parker, & IC Stocks, 2004, *Proc Entomol Soc Washington* 106(2): 402-405, f 6, 8 United States of America)

*Rhyacophila appennina* R McLachlan, 1898 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 Italy)

*Rhyacophila aquitanica* R McLachlan, 1879 (Belonging in the *Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Differentiation and speciation in mountain streams discussed by M Balint, PC Barnard, T Schmitt, L Ujvarosi, & O Popescu, 2008, *Journal of Zoological Systematics and Evolutionary Research* 46(4): 340-345

Distinguished from *Rhyacophila carpathica* L Botosaneanu and *Rhyacophila tristis* FJ Pictet by



M Balint, L Botosaneanu, L Ujvarosi, & O Popescu, 2009, *Zootaxa* 2148: 39-48 France)  
*Rhyacophila arcangelina* L Navas, 1932 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36

*Rhyacophila arcangelina* L Navas, 1932, is a synonym of *Rhyacophila casasi* L Navas, 1934 ("1933") according to F Schmid, 1970, *Mem Soc ent Canada* 66: 120

*Rhyacophila arcangelina* L Navas is apparently a vicariant of *Rhyacophila rectispina* R McLachlan according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 539

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 Italy)

*Rhyacophila arcella* DG Denning, 1975 : NA (United States of America)

*Rhyacophila ardala* DG Denning, 1965 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila arefinae* J Olah & H Malicky, 2010 : OL (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36

Male described originally in the *Rhyacophila anatina* Group near *Rhyacophila petersorum* F Schmid & DG Denning and *Rhyacophila tamdaona* J Olah Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 700 m, 22-ii-2006, light trap, Z Ecsedi and J Olah, Jr; deposited in the J Olah Collection, Szarvas, Hungary Vietnam)

*Rhyacophila arefini* TI Lukyanchenko, 1993 (Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274 Russia (Kurile Islands))

*Rhyacophila argentipunctella* DE Kimmins, 1955 : OL (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46

Phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 Malaysia (Sarawak))

*Rhyacophila arhaviensis* F Sipahiler, 1986 (Female described in the *Rhyacophila vulgaris* Group by F Sipahiler, 2004, *Baueria* 31: 30 Turkey)

*Rhyacophila armeniaca* FE Guerin-Meneville, 1844 (Cited by FCJ Fischer as FE Guerin-Meneville, 1843, *Icon Regne animal* 3: 396-397, although the text did not appear until 1844, volume 7 (Miguel Angel Alonso Zaragaza, personal communication, based on Cowan, 1971, *J Soc Bibliophy nat Hist* 6(1): 18-29, and Evenhuis, 19XX, *Literatura Taxonomica Dipterorum*)

A synonym of *Rhyacophila torrentium* FJ Pictet according to R McLachlan, 1879, *Rev Syn* 8: 436-437, and L Botosaneanu, 1995, *Faunist Abhandl (Dresden)* 20: 62

*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36

Not a synonym of *Rhyacophila torrentium* FJ Pictet according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 537

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38)

Syn.: *Rhyacophila vicaria* AV Martynov, 1927

*Rhyacophila armitagei* J Olah & H Malicky, 2010 : OL (Male and female described originally in the *Rhyacophila castanea* Group near *Rhyacophila olahi* BJ Armitage & TI Arefina Holotype--Male; VIETNAM: Thua Thien Hue Province, Bach Ma National Park, 1200 m, 20-ii-2006, light trap, Z Ecsedi and J Olah Jr; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Rhyacophila arnaudi* DG Denning, 1948 : NA (Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 3, 7, 11

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65 United States of America)

*Rhyacophila articulata* KJ Morton, 1900 ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Japan)

Syn.: *Rhyacophila towadensis* M Iwata, 1927

*Rhyacophila arties* F Sipahiler, 2000 (*Rhyacophila stigmatica* Group, F Schmid, 1970, *Mem ent Soc Can* 66: 94

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 France)

*Rhyacophila asahiensis* M Kobayashi, 1976 (Japan)

*Rhyacophila assimilis* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Myanmar)

*Rhyacophila atomaria* L Navas, 1936 : OL (China ("Chemo"))

*Rhyacophila atrata* N Banks, 1911 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila aurata* F Brauer, 1857 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 Austria)

*Rhyacophila aureomaculata* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68 India)

*Rhyacophila aureostigma* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila auricula* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila annulicornis* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, *Mem Soc ent Can* 66: 46 Holotype--Male; China: Yunnan Province, Dali County (25.9N, 99.8E), Mt Diancangshan, Qingbi Brook, 2520 m elev, 23-v-1998, light trap, collected by WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Rhyacophila avicularis* DE Kimmins, 1953 : OL ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19] Myanmar)

*Rhyacophila azumaensis* M Kobayashi, 1973 (Japan)

*Rhyacophila bacuriana* SG Lepneva, 1961 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36

Male redescribed by SI Melnitsky, 2004, *Braueria* 31: 20

Female described by F Sipahiler, 2004, *Braueria* 31: 30-31 Georgia)

*Rhyacophila baibarana* S Matsumura, 1931 (Japan)

*Rhyacophila balangshana* H Malicky, 1995 : OL (China (Sichuan))

*Rhyacophila balcanica* M Radovanovic, 1953 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36) Bosnia)

*Rhyacophila balosa* DG Denning, 1989 : NA (United States of America)

*Rhyacophila banksi* HH Ross, 1944 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila banra* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 Vietnam)

*Rhyacophila basalis* N Banks, 1911 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36 United States of America)

*Rhyacophila belona* HH Ross, 1948 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970,

Mem Soc ent Can 66: 46 United States of America)  
*Rhyacophila betteni* S Ling, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)  
*Rhyacophila bhotia* F Schmid, 1970 : OL (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)  
*Rhyacophila bhuchanadhara* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)  
*Rhyacophila bicolor* DE Kimmins, 1953 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, P Internatn Symp Trich 11: 26 Myanmar)  
*Rhyacophila bicolor doiangka* H Malicky, 1999 (*Rhyacophila bicolor* DE Kimmins, 1953, Ark Zool (2) 4 no 29: 511, 532-534, 554, f 2, 23 (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Thailand)  
*Rhyacophila bicostata* C Sun & L Yang, 1995 : OL (China (Sichuan))  
*Rhyacophila bidens* DE Kimmins, 1953 : OL (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Male redescribed and female described and Vietnam record added and species assigned to *Rhyacophila philopotamoides* Branch and *Rhyacophila castanea* Group F Schmid, 1970, Mem Soc ent Can 66: 46 by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 115-116, f 17, 18

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, P Internatn Symp Trich 11: 26 Myanmar)  
*Rhyacophila biegelmeieri* H Malicky, 1984 (Greece)  
*Rhyacophila bifida* DE Kimmins, 1953 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Distributed in Thailand and Burma according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Myanmar)  
*Rhyacophila bifila* N Banks, 1914 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)  
*Rhyacophila bilobata* G Ulmer, 1907 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)  
*Rhyacophila bivitta* C Sun, 1997 (China (Henan))  
*Rhyacophila blarina* HH Ross, 1941 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)  
*Rhyacophila blenda* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Rhyacophila boleta* H Malicky & CH Sun, 2002 : OL (Male described originally in the *Rhyacophila naviculata* Group, belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19 Holotype--Male; China: Zhejiang Province, Anjie, Mt Longwangshan (30.3N, 119.4E), south of the aqueduct, near wood bridge, 600 m elev, 18-X-1995, collected by WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))  
*Rhyacophila bonaparti* F Schmid, 1947 (*Rhyacophila stigmatica* Group according to F Schmid, 1970, Mem ent Soc Can 66: 94)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 Switzerland)

Syn.: *Rhyacophila alpina* F Vaillant, 1968

*Rhyacophila borecka* F Sipahiler, 1996 (Female described in the *Rhyacophila tristis* Group by F Sipahiler, 2004, *Baueria* 31: 30 Turkey)

*Rhyacophila bosnica* F Schmid, 1970 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) Bosnia)

*Rhyacophila braaschi* H Malicky & K Kumanski, 1976 (Bulgaria)

*Rhyacophila brachyblasta* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila annulicornis* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, *Mem Soc ent Can* 66: 46 Holotype--Male; China: Yunnan Province, Lijiang County (27.0N, 100.1E), Mt Yulongxueshan, Baishui Bridge, 2880 m, 29-V-1996, light trap, collected by YANG Lianfang, John C MORSE, and WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Rhyacophila brechlini* W Mey, 1998 : OL (Male described originally in the *Rhyacophila yosiiana* Group

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 20-30-x-1995, 1600 m, light trap, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Rhyacophila brevicephala* M Iwata, 1927 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46

Distributed in Japan (Hokkaido, Honshu, Kyushu) and Russia (Kuriles, Sakhalin) according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

Syn.: *Rhyacophila lacrimae* M Tsuda, 1940

*Rhyacophila brevifurcata* K Kumanski, 1985 (See also K Kumanski, 1986, *Acta zool Bulg* no 31: 55, figs

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 Bulgaria)

*Rhyacophila brunnea* N Banks, 1911 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Reported from Prince Edward Island by M Dobrin & DJ Giberson, 2003, *Can J Zool* 81: 1083-1095 United States of America)

Syn.: *Rhyacophila acropedes* N Banks, 1914

Syn.: *Rhyacophila acuminata* WC Fields, 1981

Syn.: *Rhyacophila ignorata* F Schmid, 1974

*Rhyacophila bucina* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila khimbarpa* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, *Mem ent Soc Can* 66: 68 Holotype--Male; China: Shaanxi Province, Ningshan County (33.3N, 108.3E), Huoditang Forest Farm, Huodi Brook, 1650 m elev, 5-VI-1998, sweeping, collected by DU Yuzhou; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila burmana* DE Kimmins, 1953 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) Myanmar)

*Rhyacophila cabrankensis* H Malicky, A Previsic, & M Kucinic, 2007 (*Rhyacophila vulgaris*

Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Male and female described originally near *Rhyacophila vulgaris* FJ Pictet Holotype--Male; CROATIA: Izvor Cabranke, 45°36'N, 14°38'E, 500 m, 9-ix-2004, leg Kucinic; deposited in the collections of the Department of Zoology, Faculty of Science, University of Zagreb, Croatia (Croatia)

*Rhyacophila cameroni* N Banks, 1931 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Malaysia (Peninsular))

*Rhyacophila carolae* SC Harris, 1989 : NA (United States of America)

*Rhyacophila carolina* N Banks, 1911 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

Syn.: *Rhyacophila carula* DG Denning, 1948

Syn.: *Rhyacophila gordonii* CK Sibley, 1926

*Rhyacophila carpenteri* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila castanea* HA Hagen, 1858 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 Sri Lanka)

*Rhyacophila cataractae* W Mey, 1998 : OL (Male described originally in the *Rhyacophila yosiiana* Group near *Rhyacophila tenebrosa* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 700 m, 20-25-5-1996, caught in daytime, near a waterfall, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Rhyacophila caussica* F Vaillant, 1967 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Described from an immature pupa, probably an aberrant specimen of *Rhyacophila dorsalis* J Curtis according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 537 France)

*Rhyacophila cedrensis* F Schmid, 1993 (Russia (southeastern Siberia))

*Rhyacophila celadon* DA Etnier, IC Stocks, & CR Parker, 2004 : NA (Male, female, larva described originally in *Rhyacophila nigrita* Complex of *Rhyacophila nigrita* Group (*Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46) from Great Smoky Mountains National Park, Tennessee and North Carolina Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Sevier County, Great Smoky Mountains National Park, Alum Cave Creek ca 500 m E of U.S. Highway 441 on Alum Cave Trail, collected 10 April 1997, emerged 25 April 1997, DA Etnier and IA Stocks; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Rhyacophila celata* C Sun & L Yang, 1999 : OL (China (Guizhou))

*Rhyacophila cerita* DG Denning, 1971 : NA (United States of America)

*Rhyacophila chakungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chamolungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chandleri* DG Denning, 1956 : NA (United States of America)

*Rhyacophila chandragupta* F Schmid, 1959 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Pakistan)

*Rhyacophila chandzo* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila changpa* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Rhyacophila chayulpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20):

241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)  
*Rhyacophila chayulpa kaligandaki* SI Melnitsky, 2005 (~chayulpa F Schmid, 1970, Mem ent Soc Can 66: 190, fig (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264)

*Rhyacophila chayulpa ringmo* F Schmid, 1970 ( ~chayulpa F Schmid, 1970, Mem ent Soc Can 66: 190, fig

(Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68))

*Rhyacophila chayulpa tsetangpa* F Schmid, 1970 ( ~chayulpa F Schmid, 1970, Mem ent Soc Can 66: 190, fig

(Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68))

*Rhyacophila chematangpa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chembo* F Schmid, 1970 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila chembo ghasa* SI Melnitsky, 2005 (~chembo F Schmid, 1970, Mem ent Soc Can 66: 185, fig (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Male described originally

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264)

*Rhyacophila chembo lartsepa* F Schmid, 1970 ( ~chembo F Schmid, 1970, Mem ent Soc Can 66: 185, fig (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68))

*Rhyacophila chenmo* F Schmid, 1970 : OL ((Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila chilsia* DG Denning, 1950 : NA (Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila chimdro* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chirka* F Schmid, 1993 (Russia (southeastern Siberia))

*Rhyacophila chitre* SI Melnitsky, 2005 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Male described originally, near *Rhyacophila aureostigma* F Schmid and *Rhyacophila aureomaculata* F Schmid

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; Western NEPAL: Dhawalagiri, Chitre, 40 km NW from Pokhara, 28°26'N, 83°42'E, 2316 m asl, 18-iv-1998, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Nepal)

*Rhyacophila chomoyuma* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila choprai* AV Martynov, 1935 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chordata* DG Denning, 1989 : NA (United States of America)

*Rhyacophila chugalungpa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chulukpa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chumikpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila chungse* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila churongpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila cibirnensis* L Botosaneanu & M Marinkovic-Gospodnetic, 1967 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Carpathian Mountains)

*Rhyacophila clara* T Hattori & A Ohkawa, 2007 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Male, female, larva, and pupa described originally in the *Rhyacophila betteni* Group Holotype--Male; JAPAN: Hokkaido, Yubari-dake (brook beside Yubari-ake-Huette, 43°06'34"N, 142°11'54"E, 650 m above sea level), Yubari-shi, 27-vii-1977, sweeping, Toshio Hattori; pinned; deposited in the Institute of Systematic Entomology, Hokkaido University, Japan Japan)

*Rhyacophila clavalis* AV Martynov, 1913 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38 Georgia)

*Rhyacophila claviforma* C Sun & L Yang, 1998 : OL (Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65 China (Sichuan))

*Rhyacophila clemens* M Tsuda, 1940 (Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24 Japan)

*Rhyacophila coclearis* LP Hsu & CS Chen, 1996 : OL (Reported from Japan by RB Kuranishi, 1999, *Proc Internatn Symp Trich* 9: 185-192 Taiwan)

*Rhyacophila colonus* F Schmid, 1970 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila coloradensis* N Banks, 1904 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

Syn.: *Rhyacophila anomala* N Banks, 1924

Syn.: *Rhyacophila stigmatica* N Banks, 1904

*Rhyacophila coloradensis idahoensis* DL Peck & SD Smith, 1978 ( ~coloradensis N Banks, 1904, *Tr Amer ent Soc* 30 pl 1 f 7

(*Rhyacophilaphilopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46))

*Rhyacophila complanata* L Tian & Y Li, 1986 : OL (China (Yunnan))

*Rhyacophila complanatulula* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila castanea* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Sichuan Province, 15 km N of Xiangcheng City (28.9N, 99.8E), Shuoqu River, 2750 m, 12-VI-1996, light trap, collected by YANG Lianfang and WANG Xinhua; deposited in Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Rhyacophila confinium* L Botosaneanu, 1957 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Carpathian Mountains)

*Rhyacophila confissa* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Rhyacophila contorta* C Sun & L Yang, 1995 : OL (China (Sichuan))

*Rhyacophila coreana* M Tsuda, 1940 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Presumed female described, reported from South Korea by K Kumanski, 1990, *Historia Naturalis Bulgarica* 2: 38, f 1-4 Korean People's Democratic Republic)

*Rhyacophila cornuta* DE Kimmins, 1953 : OL (*Rhyacophila divaricata* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 68)

Distributed in Thailand and Burma according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 (Myanmar)

*Rhyacophila crassa* F Schmid, 1970 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Japan)

*Rhyacophila crispa* C Sun & L Yang, 1998 : OL (Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65 China (Yunnan))

*Rhyacophila cruciata* KH Forsslund, 1935 ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] China (Gansu))

*Rhyacophila cuneata* C Sun & L Yang, 1999 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) China (Zhejiang))

*Rhyacophila cupressorum* AV Martynov, 1913 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Georgia)

*Rhyacophila curriei* BJ Armitage and T.I. Arefina, 2003 : OL (Male and female described and species assigned to *Rhyacophila divaricata* Branch and *Rhyacophila nigrocephala* Group F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila curtior* F Schmid, 1970 ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Japan)

*Rhyacophila curvata* KJ Morton, 1900 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68;

Phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 1, 5, 10 India)

*Rhyacophila dactyloidis* C Sun & L Yang, 1995 : OL (China (Sichuan))

*Rhyacophila dafla* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila dakshi* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Rhyacophila darbyi* WC Fields, 1981 : NA (United States of America)

*Rhyacophila davao* HH Ross, 1950 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6, 9 Philippines)

*Rhyacophila denticulifera* K Kumanski, 1985 (See also K Kumanski, 1986, Acta zool Bulg no 31: 51, figs)

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, Contributions to Natural History 12: 952 Bulgaria)

*Rhyacophila depressa* AV Martynov, 1910 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Mongolia by JC Morse, NA Rozhkova, AL Prather, TS Vshivkova, & SC Harris, 2006, in CE Goulden, T Sitnikova, J Gelhaus, & B Boldgiv, Geol, Biodiv & Ecol Lake Hovsgol (Mongolia), p 331



Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Russia (southeastern Siberia))

*Rhyacophila dgaldanpa* F Schmid, 1970 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19] India)

*Rhyacophila diakoftensis* H Malicky, 1983 (Greece)

*Rhyacophila diffidens* M Tsuda, 1940 ((Rhyacophila philopotamoides Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) Japan)

*Rhyacophila dikkaravasini* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila dilatata* AV Martynov, 1935 : OL ((Rhyacophila philopotamoides Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) India)

*Rhyacophila dirangpa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila discoidalis* DE Kimmins, 1953 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Myanmar)

*Rhyacophila divaricata* DE Kimmins, 1953 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Myanmar)

*Rhyacophila doehleri* L Botosaneanu, 1957 (Rhyacophila philopotamoides Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 Roumania)

*Rhyacophila dolingpa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila dolokana* H Malicky, 1978 : OL (Phylogeny and historical biogeography of Rhyacophila castanea Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Rhyacophila donaldi* AP Nimmo, 1977 : NA (Canada)

*Rhyacophila dongkyapa* F Schmid, 1970 : OL (Rhyacophila vulgaris Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila dongre* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila donoana* H Malicky, 1978 : OL (Phylogeny and historical biogeography of Rhyacophila lieftincki Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 3, 7, 11

Included in the Rhyacophila lieftincki Group by BJ Armitage, 2008, *Zootaxa* 1958: 65

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Rhyacophila dorje* F Schmid, 1970 : OL ((Rhyacophila philopotamoides Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46)

phylogeny and historical biogeography of Rhyacophila castanea Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 India)

*Rhyacophila dorsalis* (J Curtis, 1834) (Rhyacophila vulgaris Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36;

Habitat K Jorde & C Bratrach, 1998, in G Bretschko & J Helesic (editors), 1998, *Adv Riv Bottom Ecol, Backhuys Publ, Leiden*: 47-63;

Subspecies and diagnosis from Rhyacophila nubila reviewed by H Malicky, 2002, *Proc Internatn*

Symp Trich 10: 149-166;

Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Distribution, ecological characteristics, water quality tolerance summarized, "Pyrene form" reported from Llobregat River in Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 43, f 2a

Degree of intolerance score (DIS) of 6.66 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

*Philopotamus dorsalis* J Curtis, 1834

Syn.: *Philopotamus longipennis* J Curtis, 1834

Syn.: *Plectrocnemia senex* F Walker, 1852

Syn.: *Rhyacophila confinis* L Navas, 1920

Syn.: *Rhyacophila obtusidens* R McLachlan, 1879

Syn.: *Rhyacophila opaca* JF Stephens, 1836

Syn.: *Rhyacophila stigma* JF Stephens, 1836

Syn.: *Rhyacophila vulgaris* FJ Pictet, 1834

*Rhyacophila dorsalis acutidens* R McLachlan, 1879 (~*dorsalis* (J Curtis, 1834, Phil Mag 4: 213), *Philopotamus*)

Belongs to *Rhyacophila vulgaris* Branch F Schmid, 1970, Mem ent Soc Can 66: 36

A subspecies according to F Schmid, 1970, Mem ent Soc Can 66: 120

Guanylate cyclase in tracheal gills in *Rhyacophila dorsalis subacutidens* described by MC Bicchierai, T Secca, D Vagnetti, 1997, P Internatn Symp Trich 8: 37-41

Reviewed by H Malicky, 2002, Proc Internatn Symp Trich 10: 154, f 1-3

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarinida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34)

*Rhyacophila dorsalis albarracina* H Malicky, 2002 (~*dorsalis* (J Curtis, 1834, Phil Mag 4: 213), *Philopotamus* (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

male originally described Holotype--Male; Spain: Teruel, Albarracin, 1100 m 9-6-1991, leg Wimmer, CM; deposited in H Malicky Collection, Lunz am See, Austria)

*Rhyacophila dorsalis pantinii* M Valle, 2001 (~*dorsalis* (J Curtis, 1834, Phil Mag 4: 213), *Philopotamus* (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

male originally described

Reviewed by H Malicky, 2002, Proc Internatn Symp Trich 10: 153-154, f 1-7, 9

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34)

*Rhyacophila dorsalis persimilis* R McLachlan, 1879 ( ~*dorsalis* (J Curtis, 1834, Phil Mag 4: 213), Philopotamus

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Synonym of *Rhyacophila dorsalis* according to F Schmid, 1947, Mitt Schweiz ent Ges 20: 519

Subspecies of *Rhyacophila dorsalis* according to F Schmid, 1970, Mem ent Soc Can 66: 120)

Reviewed by H Malicky, 2002, Proc Internatn Symp Trich 10: 153-154, f 1-7, 9

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Lectotype--Male; Koenigssee [near Salzburg] (selected by DE Kimmins, 1957); deposited in the Natural History Museum, London, United Kingdom)

*Rhyacophila dorsalis plitvicensis* M Kucinic and H Malicky, 2002 ( ~*dorsalis* (J Curtis, 1834, Phil Mag 4: 213), Philopotamus (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

male originally described

Reviewed by H Malicky, 2002, Proc Internatn Symp Trich 10: 153-154, f 1-7, 9 Holotype--Male; Croatia: National Park "Plitvicka jezera," Falovac, 4-8-1997, leg Kucinic; deposited in the Hrvatski prirodoslovni muzeu, Zagreb, Croatia)

*Rhyacophila drokpa* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila drokpa gurla* F Schmid, 1970 (

~*drokpa* F Schmid, 1970, Mem ent Soc Can 66: 220, figs [belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19])

*Rhyacophila drokpa nyenpa* F Schmid, 1970 (

~*drokpa* F Schmid, 1970, Mem ent Soc Can 66: 220, figs [belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19])

*Rhyacophila drosampa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila drotangpa* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)

*Rhyacophila dumogana* A Neboiss & L Botosaneanu, 1988 : OL (Male described originally near *Rhyacophila lieftincki* G Ulmer and *Rhyacophila impar* AV Martynov

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 3, 7, 11

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65 Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga Bone National Park, Edwards Camp near Tumpah River 650 m, 00°35'N, 123°51'E, MV light, 22-v-1985, A Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi)

*Rhyacophila eatoni* R McLachlan, 1879 (*Rhyacophila stigmatica* Group according to F Schmid, 1970, Mem ent Soc Can 66: 94

Male genitalia redescribed by F Sipahiler, 2000, Aq Ins 22(2): 140-141, f 6-7

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, Contributions to Natural History 12: 952 France)

*Rhyacophila ebria* DG Denning, 1949 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem

ent Soc Can 66: 36 United States of America)

*Rhyacophila ecosia* HH Ross, 1941 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 United States of America)

*Rhyacophila egijnica* F Schmid, 1968 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Mongolia)

*Rhyacophila elongata* DE Kimmins, 1953 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Myanmar)

*Rhyacophila esorima* W Mey, 1996 : OL (Reported from Vietnam as *Rhyacophila erosima* by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, P Internatn Symp Trich 11: 26 Vietnam)

*Rhyacophila euphorbos* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila obscura* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Sichuan Province, Yingxiongou (= Valley of the Heroes), Wolong, 15 km W Sauwan, 2000-2500 m, 5-VI-1981, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lun am See, Austria China (Sichuan))

*Rhyacophila euryphylla* C Sun & L Yang, 1999 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) China (Sichuan))

*Rhyacophila euterpe* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila scissa* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Henan, Luoshan County, Lingshan Mt, 300-500 m, 31\*54'N, 114\*13'E, 25-V-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Henan))

*Rhyacophila evoluta* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36;

Distribution in Europe discussed by H Malicky, 2003, Silva Gabreta 9: 167-178

Reported from Llobregat River in Spain by MA Puig, I Bautista, MJ Tort, & N Prat, 1981, Series Entomol 20: 305-311 in error according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 43

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 France)

*Rhyacophila excavata* AV Martynov, 1909 : OL ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] China (Chamdo))

*Rhyacophila exilis* C Sun & L Yang, 1999 : OL (China (Yunnan))

*Rhyacophila extensa* AV Martynov, 1928 ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Kirghizstan)

Syn.: *Rhyacophila carletoni* N Banks, 1931

*Rhyacophila fagarashiensis* L Botosaneanu, 1964 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Roumania)

*Rhyacophila falcifera* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) China (Fujian))

Syn.: *Rhyacophila furcata* C Hwang, 1957

*Rhyacophila falita* HH Ross, 1956 : OL (Nomen novum for *Rhyacophila furcifera* L Navas, preoccupied by *Rhyacophila furcifera* F Klapalek

Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Vietnam)

Syn.: *Rhyacophila furcifera* L Navas, 1932

*Rhyacophila fanjingshanensis* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila lieftincki* Group, belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65

Holotype--Male; China: Guizhou Province, Mt Fanjingshan (27.9N, 108.6E), Yu-ao, 900 m elev, 4-VI-1995, collected by SUN Changhai and WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Guizhou))

*Rhyacophila fansipana* W Mey, 1998 : OL (Male described originally near *Rhyacophila burmana* DE Kimmins, 1953

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22\*20'N/103\*40'E, 1-7-xi-1995, light trap, 1600 m, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Rhyacophila fasciata* HA Hagen, 1859 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Revised by H Malicky & F Sipahilar, 1993, Mitt Schweiz Ent Ges 66: 457-478

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Reported from Poland by J Majecki & K Majecka, 2002, Acta Universitatis Lodziensis Folia Biologica et Oecologica 1: 113-121

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Germany)

Syn.: *Rhyacophila septentrionis* R McLachlan, 1865

*Rhyacophila fasciata aliena* AV Martynov, 1916 (Described originally as a species

~*fasciata* HA Hagen, 1859, Stettin ent Zeit 20: 153

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

(L Botosaneanu, 1992, Trich Levant, p 21 - *Rhyacophila aliena* is a synonym of *Rhyacophila fasciata*)

*Rhyacophila aliena* is a subspecies of *Rhyacophila fasciata* according to H Malicky & F Sipahiler 1993 Mitt Schweiz Ent Gesellsch 66: 461-462 f 2 and 3 -

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168)

*Rhyacophila fasciata denticulata* R McLachlan, 1879 (Described originally as a species

~*fasciata* HA Hagen, 1859, Stettin ent Zeit 20: 153

*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

*Rhyacophila denticulata* is a subspecies of *Rhyacophila fasciata* according to H Malicky & F Sipahiler, 1993, Mitt Schweiz Ent Gesellsch 66: 461, f 3

Status as distinct species or as subspecies is unresolved according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 50

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

*Rhyacophila fasciata kykladica* H Malicky & F Sipahiler, 1993 (

~*fasciata* HA Hagen, 1859, Stettin ent Zeit 20: 153 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

*Rhyacophila fasciata libanica* H Malicky & F Sipahiler, 1993 (

~*fasciata* HA Hagen, 1859, Stettin ent Zeit 20: 153

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

*Rhyacophila fasciata mysica* H Malicky & F Sipahiler, 1993 (

~*fasciata* HA Hagen, 1859, Stettin ent Zeit 20: 153

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

*Rhyacophila fenderi* HH Ross, 1948 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila fenestra* HH Ross, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila fernandi* BJ Armitage and TI Arefina, 2003 : OL (Male and female described and species assigned to *Rhyacophila philopotamoides* Branch and *Rhyacophila wangpo* Group F Schmid, 1970, Mem Soc ent Can 66: 46

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila ferox* W Graf, 2007 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Male described originally near *Rhyacophila fasciata* HA Hagen Holotype--Male; AUSTRIA: Saualpe, 15-v-2006, 46°50'N, 14°40'E, 1700 m, leg Graf; deposited in the W Graf, University of Natural Resources and Applied Life Sciences, Vienna, Austria Austria)

*Rhyacophila fides* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila scissa* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Zhejiang Province, Mt. Gutianshan, 450 m, 26°21'N, 119°26'E, 9-VI-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Rhyacophila fischeri* L Botosaneanu, 1957 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Roumania)

*Rhyacophila flava* F Klapalek, 1898 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Hungary)

Syn.: *Rhyacophila furcata* J Dziedzielewicz, 1910

*Rhyacophila flaviventris* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila fletcheri* (DE Kimmins, 1952) : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Trichophila fletcheri* DE Kimmins, 1952

*Rhyacophila flinti* F Schmid, 1970 ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Japan)

*Rhyacophila flora* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila scissa* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; Taiwan: Hualien County, Anonymous Point, 1450 m, 23°32'N, 121°17'E, 5-IV-1996, leg Horvat & Sivec; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria

Taiwan)

*Rhyacophila foliacea* GP Moretti, 1981 (Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892

(Protozoa: Eugregarinida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

*Rhyacophila fonticola* J Giudicelli & M Dakki, 1984 (Morocco)

*Rhyacophila forcipata* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila nigrocephala* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Shaanxi Province, Liuba County (33.4N, 106.8E), Miaotaizi, 1400 m elev, 8-VI-1998, sweeping, collected by DU Yuzhou and SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila forcipulata* AV Martynov, 1926 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36 Georgia)

*Rhyacophila formosa* N Banks, 1911 : NA ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) United States of America)

Syn.: *Rhyacophila vuphipes* LJ Milne, 1936

*Rhyacophila formosae* M Iwata, 1928 : OL (Taiwan)

*Rhyacophila formosana* G Ulmer, 1927 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Taiwan)

*Rhyacophila fragariae* H Malicky, 1976 (Greece)

*Rhyacophila furca* C Hwang & L Tian, 1982 : OL (China (Tibet))

*Rhyacophila furcifera* F Klapalek, 1904 (Described originally as a variety of *Rhyacophila meyeri* R McLachlan

*Rhyacophila stigmatica* Group according to F Schmid, 1970, Mem ent Soc Can 66: 94

Reviewed by H Kumanski, 1986, Acta Zoologica Bulgarica 31: XX?

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, Contributions to Natural History 12: 952 Austria)

*Rhyacophila furva* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila sibirica* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Shaanxi Province, Ningshan County (33.3N, 108.3E), Huoditang Forest Farm, Huodi Brook, 1650 m, elev, 5-VI-1998, sweeping, collected by DU Yuzhou; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila fuscula* (F Walker, 1852) : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Cadmium susceptibility related to phylogeny by DB Buchwalter, DJ Cain, CA Martin, L Xie, SN Luoma, & T Garland, 2008, Proceedings of the National Academy of Sciences XXXX??: XXX??: XXX??

Wing structure and function discussed by IC Stocks, 2010, Journal of Morphology 271: 152-168 Canada)

*Neuronia fuscula* F Walker, 1852

*Rhyacophila gelukpa* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, P Internatn Symp Trich 11: 26 India)

*Rhyacophila geminispina* L Yang, C Sun, & W Yang, 2001 : OL (Male described originally Holotype--Male; China: Zhejiang, Tianmushan, Chanyuansi, 380 m, 22-12-1998, light trap, collected by Zhao Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Rhyacophila gemona* HH Ross, 1938 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem

ent Soc Can 66: 68 United States of America)

*Rhyacophila glaberrima* G Ulmer, 1907 : NA ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) United States of America)

Syn.: *Rhyacophila andrea* C Betten, 1934

Syn.: *Rhyacophila fairchildi* N Banks, 1930

*Rhyacophila glaciera* DG Denning, 1965 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila glareosa* R McLachlan, 1867 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Carinthia (= region of Austria and Yugoslavia))

*Rhyacophila gorgitensis* F Sipahiler, 1997 (Turkey)

*Rhyacophila grahami* N Banks, 1940 : OL (China (Songpan))

*Rhyacophila grandis* N Banks, 1911 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Parameres fully exposed by lactic acid according to RJ Blahnik, RW Holzenthal, & A Prather, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 12, f 5 Canada)

Syn.: *Rhyacophila vohrna* LJ Milne, 1936

*Rhyacophila gudrunae* H Malicky, 1972 (France)

*Rhyacophila gyalzen* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila gyamo* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 India)

*Rhyacophila gyaspa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila gyelbu* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila haddocki* DG Denning, 1968 : NA (United States of America)

*Rhyacophila hadestril* H Malicky & CH Sun, 2002 : OL (Male described originally in

*Rhyacophila nigrocephala* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Zhejiang, Mt Longwangshan, 700-1000 m, 30°28'N, 119°22'E, 4-VI-1989, leg Kyselak; deposited in the Hans Malicky Insect Collection, Lunz am See, Austria China (Zhejiang))

*Rhyacophila hamata* T Hattori & A Ohkawa, 2007 (Male, female, larva, and pupa described originally in the *Rhyacophila kaltatica* Group Holotype--Male; JAPAN: Hokkaido, Shirogane-no-taki 43°43'52"N, 141°20'09"E, 5 m above sea level), Ofuyu, Hamamasu-ku, Ishikari-shi, 31-vii-2006, sweeping, Toshio Hattori & Tomiko Ito; pinned; deposited in the Institute of Systematic Entomology, Hokkaido University, Japan Japan)

*Rhyacophila hamifera* DE Kimmins, 1953 : OL ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Myanmar)

*Rhyacophila hamosa* C Sun, 1995 : OL (China (Zhejiang))

*Rhyacophila hangnia* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 Vietnam)

*Rhyacophila haplostephana* C Sun & L Yang, 1998 : OL (China (Anhui))

*Rhyacophila harmstoni* HH Ross, 1944 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila hartigi* H Malicky, 1971 (Described originally as a subspecies of *Rhyacophila vulgaris* FJ Pictet, 1834, *Rech Phryg* p 182-184, pl 1 f 5a-f, pl 4 f 16-30, pl 15 f 1a-f, in part

*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

As a distinct species, endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22



Occurring in Italy, with larvae bearing symbionts *Asterophora heerii* Koelliker, 1848 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34)

*Rhyacophila hayachinensis* M Kobayashi, 1976 (Japan)

*Rhyacophila hayakawai* M Kobayashi, 1969 (Male described near *Rhyacophila coreana* originally Holotype--Male; Japan: Kanagawa Prefecture, Hakone, Riv Hayakawa, 12 May 1967, M Kobayashi (M 2040); in alcohol; deposited in the Kanagawa Prefecture Museum, Yokohama, Japan Japan)

*Rhyacophila heliada* H Malicky & T Prommi, 2004 : OL (Male described originally Holotype--Male; Thailand: Kanchanaburi Province, 14°38'N, 98°35'E, 208 m, 25-26-9-2002, leg T Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Rhyacophila hingstoni* AV Martynov, 1930 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68)

Records and redescription of male provided by O Kiss, 2003, in O Kiss, *Trichoptera of Nepal p 14-19 Sikkim, China (Tibet)*

*Rhyacophila hippocrepica* C Sun & L Yang, 1995 : OL (Phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 1, 5, 10)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 China (Yunnan))

*Rhyacophila hira* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally in the *Rhyacophila rhombica* Group Holotype--Male; THAILAND: Prov Mae Hong Son, Oberlauf des Huai Mae Ya bei Doi Mae Ya, 1200 m, 19°14'N, 098°35'E, 9-iii-2008; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Rhyacophila hirticornis* R McLachlan, 1879 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, *Mem Soc ent Can* 66: 46)

Male redescribed by L Botosaneanu, 1999, *Spixiana* 22(2): 168-169, f 1-9

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 Switzerland)

Syn.: *Rhyacophila irrorella* F Kolenati, 1859

*Rhyacophila hoabinha* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37)

New record for Vietnam reported by J Olah & H Malicky, 2010, *Braueria* 37: 13 Vietnam)

*Rhyacophila hoangliensis* W Mey, 1998 : OL (Male described originally in the *Rhyacophila divaricata* Group)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 26 Holotype--Male; VIETNAM: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 1-7-xi-1995, light trap, 1600 m, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Rhyacophila hobsoni* AV Martynov, 1930 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 China (Tibet))

*Rhyacophila hokkaidensis* M Iwata, 1927 (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68)

Life history described by T Ito, 1999, *Biol Inland Waters* 14: 28-34

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274 Japan)

Syn.: *Rhyacophila sakhalinica* F Schmid, 1970

Syn.: *Rhyacophila tenninkyoensis* M Kobayashi, 1964  
*Rhyacophila hreblayi* O Kiss, 2003 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Male described originally near *Rhyacophila kyadongpa* F Schmid, 1970

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: East-Nepal, Deirali Danda, 6 km NW of Yamphudin, 2900 m, by light trapping, 20-vi-1998, leg Marton Hreblay and Balazs Benedek; coll and gen prep No. 106 O Kiss; deposited in the O Kiss collection, Department of Zoology, College of Education, Eger, Hungary Nepal)

*Rhyacophila hyalinata* N Banks, 1905 : NA ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) United States of America)

Syn.: *Rhyacophila sonoma* DG Denning, 1948

*Rhyacophila hydaspica* F Schmid, 1959 : OL (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Rhyacophila imitabilis* TI Arefina, 1993 (Russia (southeastern Siberia))

*Rhyacophila immaculata* W Mey, 1996 : OL (Male redescribed and female described and species assigned to *Rhyacophila divaricata* Branch and *Rhyacophila gyamo* Group F Schmid, 1970, Mem ent Soc Can 66: 68 by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 103-104, f 7)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila impar* AV Martynov, 1914 (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 3, 7, 11

Reported from Siberia (Irkutsk Region) as "*Rhyacopyla impar*" by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 56

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65 Russia (southwestern Siberia - Altai Mountains))

Syn.: *Rhyacophila tacita* M Tsuda, 1940

*Rhyacophila implicata* TI Arefina, 1993 (Russia (southeastern Siberia))

*Rhyacophila inaequalis* DG Denning & F Schmid, 1971 : OL (Phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6)

New record for Vietnam by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 111

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27

New record for Vietnam reported by J Olah & H Malicky, 2010, *Braueria* 37: 13 Thailand)

*Rhyacophila inconspicua* KJ Morton, 1900 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila incudis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 Vietnam)

*Rhyacophila inculta* HH Ross & GJ Spencer, 1952 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68 Canada)

*Rhyacophila insularis* F Schmid, 1970 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 Canada)

*Rhyacophila intermedia* R McLachlan, 1868 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36)

Occurring in Italy, with symbiont Hydracarina larvae according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 118 Upper Carinthia, Styria)

Syn.: *Rhyacophila contracta* R McLachlan, 1879

Syn.: *Rhyacophila fraudulenta* R McLachlan, 1879

Syn.: *Rhyacophila kervillei* L Navas, 1929

Syn.: *Rhyacophila linguata* L Navas, 1932

Syn.: *Rhyacophila proxima* R McLachlan, 1880

*Rhyacophila invaria* (F Walker, 1852) : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 Canada)

*Polycentropus invaria* F Walker, 1852

Syn.: *Rhyacophila luctuosa* N Banks, 1911

*Rhyacophila iranda* HH Ross, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila ishihanaensis* M Kobayashi, 1984 (Japan)

*Rhyacophila isolata* N Banks, 1934 : OL (Malaysia (Sabah))

*Rhyacophila isparta* F Sipahiler, 1996 (Turkey)

*Rhyacophila italica* GP Moretti, 1981 (Forelegs described by G Spinelli and C Corallini, 2002, *Proc Internatn Symp Trich* 10: 29-36)

Digestive system, midgut morphology, and ultrastructure by C Corallini-Sorcetti & L Cataponi, 1999, *Proc Internatn Symp Trich* 9: 65-73

Ovaries, oogenesis, and egg described by MC Bicchierai & E Gaino, 1999, *Proc Internatn Symp Trich* 9: 33-42

Malpighian tubule morphology and ultrastructure described by MC Bicchierai & C Corallini, 2005, *Proc Internatn Symp Trich* 11: 45-54

Egg envelope (vitelline envelope and chorion) described by MC Bicchierai & E Gaino, 2005, *Proc Internatn Symp Trichoptera* 11: 55-62

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76

Occurring in Italy, with larvae bearing symbiont *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarininida) according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Italy)

*Rhyacophila italica ilvana* GP Moretti, 1981 (~italica GP Moretti, 1981, P Int Symp Trich 3: 167, figs

Occurring in geographic Italy (Elba) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in geographic Italy (Elba) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34)

*Rhyacophila itoi* M Tsuda & T Kawai, 1967 (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)

*Rhyacophila ivrizica* F Sipahiler, 2007 (Rhyacophila vulgaris Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Male described originally near *Rhyacophila fasciata* HA Hagen and *Rhyacophila isparta* F Sipahiler Holotype--Male; TURKEY: Konya, Eregli, Ivriz, Ivriz Cayi, 1000 m, 37°23'N, 34°08'E, 31-vii-2005; leg. and coll. Sipahiler; deposited in the F Sipahiler Collection, Hacettepe Ueniversitesi, Beytepe, Ankara, Turkey Turkey)

*Rhyacophila janosi* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila javana* G Ulmer, 1951 : OL (Indonesia (Java))

*Rhyacophila jayadurga* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila jenniferae* DL Peck, 1978 : NA (United States of America)

*Rhyacophila jewetti* DG Denning, 1954 : NA (United States of America)

*Rhyacophila jigme* F Schmid, 1970 : OL ((Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 2, 6, 9 Malaysia (Peninsular))

*Rhyacophila jirisana* M Kobayashi, 1989 (Republic of Korea)

*Rhyacophila joani* F Sipahiler, 2000 (Rhyacophila vulgaris Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36 Spain)

*Rhyacophila joosti* W Mey, 1979 (Female redescribed by K Kumanski, 2001, Historia Naturalis Bulgarica 13: 123-126, f 1-5 Bulgaria)

*Rhyacophila kadampa* F Schmid, 1970 : OL ((Rhyacophila vulgaris Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)

*Rhyacophila kadaphes* F Schmid, 1959 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Pakistan)

*Rhyacophila kadphises* F Schmid, 1959 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Pakistan)

*Rhyacophila kagyupa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 1, 5, 10 India)

*Rhyacophila kaltatica* IM Levanidova & F Schmid, 1977 (Reported from Siberia (Irkutsk Region, Altai) (previously known only from Sayan Mountains) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Russia (southern Siberia - Sajon Mountains))

*Rhyacophila kando* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 3, 7, 11

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65 (India)  
*Rhyacophila kando rengma* F Schmid, 1970 ( ~kando F Schmid, 1970, *Mem ent Soc Can* 66: 206, figs

Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19]

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 3, 7, 11

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65)  
*Rhyacophila kangjongpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)  
*Rhyacophila kanichka* F Schmid, 1959 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Pakistan)  
*Rhyacophila kaohsiungensis* L-P Hsu & C-S Chen : OL (Taiwan)  
*Rhyacophila kardakoffi* L Navas, 1926 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, *Acta Hydroentomologica Latvica* 1:38-45

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 (Russia (southeastern Siberia))

*Rhyacophila karila* DG Denning, 1948 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)  
*Rhyacophila karpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)  
*Rhyacophila kashongpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) India)  
*Rhyacophila kawachenpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)  
*Rhyacophila kawamurae* M Tsuda, 1940 (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu, Ryukyu), Russia (Kuriles), and Korea according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274 (Japan, Korea)  
*Rhyacophila kawaraboensis* M Kobayashi, 1976 (Japan)  
*Rhyacophila kedara* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)  
*Rhyacophila kelnerae* F Schmid, 1971 (Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 (France)

*Rhyacophila kernada* HH Ross, 1950 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)  
Syn.: *Rhyacophila reana* DG Denning & F Schmid, 1971

*Rhyacophila khamakhya* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila khasiorum* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Possibly a synonym of *Rhyacophila rhombica* AV Martynov, 1935, according to H Malicky, 2007, Linzer biol Beitr 39(1): 492 India)

*Rhyacophila khimbarpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila khiympa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Bhutan (as *Rhyacophila* "khiyampa") by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila kiamichi* HH Ross, 1944 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Female described by AL Prather, AL Syrett, & JC Morse, 1997, P Internatn Symp Trich 8: 391 and by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 109, figs United States of America)

*Rhyacophila kimminsi* HH Ross, 1956 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Taiwan)

*Rhyacophila kimminsiana* L Botosaneanu, 1958 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Carpathian Mountains)

Syn.: *Rhyacophila kimminsi* L Botosaneanu, 1957

*Rhyacophila kincaidi* F Schmid, 1970 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Canada)

Syn.: *Rhyacophila kincaidi* HH Ross, 1956

*Rhyacophila kisoensis* M Tsuda, 1940 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Japan)

*Rhyacophila kiyosumiensis* RB Kuranishi, 1990 (phylogeny and historical biogeography of *Rhyacophila yosiiana* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 4, 8, 11) Japan)

*Rhyacophila kiyongpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 2, 6) China (Fujian)

*Rhyacophila kohnoae* HH Ross, 1956 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Phylogeny and historical biogeography of *Rhyacophila yosiiana* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 4, 8, 11

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24) Japan)

*Rhyacophila kolymensis* TI Arefina, 1993 (Russia (northeastern Siberia))

*Rhyacophila kondratieffi* CR Parker, 1986 : NA (United States of America)

*Rhyacophila konradhaleri* H Malicky, 2009 (Male described originally in the *Rhyacophila stigmatica* Group near *Rhyacophila kelnerae* F Schmid and *Rhyacophila meyeri* R McLachlan Holotype--Male; AUSTRIA: Kaernten [Carinthia], Saualpe, Weisbergerhuette, 1600 m, 46°52' N, 14°36' E, 4-vii-1978, leg & coll Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Austria)

*Rhyacophila kownackiana* B Szczesny, 1970 (Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, Contributions to Natural History 12: 952) Bulgaria)

*Rhyacophila krauskasseggae* H Malicky, 1978 : OL (Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 3, 7, 11)

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra)  
*Rhyacophila kubra* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)  
*Rhyacophila kumanskii turcica* F Sipahiler, 2007 (Subspecies of *Rhyacophila kumanskii* Z Spuris, 1988, Latv PSR Zin Akad Vest 6: 88)

Male and female described originally)

*Rhyacophila kumanskii* Z Spuris, 1988 (Georgia)

Syn.: *Rhyacophila lepnevae* K Kumanski, 1981

*Rhyacophila kumgangsana* K Kumanski, 1990 (Male described originally in the *Rhyacophila philopotamoides* Group of Schmid, 1970 Holotype--Male; NORTH KOREA: Province Kangvon, Kumgang Mts, the foothills near the hotel Go-song and Ondzong vill (ca 50 masl), stony stream, hyprhithral-epipotamal zone, 2-3-x-1978, mostly at light, K Kumanski; in alcohol; deposited in the National Natural History Msueum, Sophia, Bulgaria Korean People's Democratic Republic)  
*Rhyacophila kunma* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila kuramana* M Tsuda, 1942 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila yosiana* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 4, 8, 11 Japan)

*Rhyacophila kusang* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila kuwayamai* F Schmid, 1970 (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, Proceedings of the International Symposium on Trichoptera 12: 263-274 Japan)

*Rhyacophila kyadongpa* F Schmid, 1970 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)

*Rhyacophila kyindongpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Distributed in Thailand and India (Assam) according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262

New record for Vietnam reported by J Olah & H Malicky, 2010, Braueria 37: 13 India)

*Rhyacophila kyungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila laberculata* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila laevis* FJ Pictet, 1834 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34

Reported from Czech Republic by P Chvojka & P Komzak, 2008, Ferrantia 55: 11-21

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Switzerland)

Syn.: *Rhyacophila flavipes* FJ Pictet, 1834

Syn.: *Rhyacophila latipennis* FJ Pictet, 1834

Syn.: *Rhyacophila obfuscata* FJ Pictet, 1834

Syn.: *Rhyacophila slovenica* JL Sykora, 1963

Syn.: *Rhyacophila viduata* L Navas, 1918  
*Rhyacophila lambakanta* F Schmid, 1970 ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Japan)

Syn.: *Rhyacophila imagamiensis* M Kobayashi, 1973  
*Rhyacophila lamdonga* J Olah & H Malicky, 2010 : OL (Male described originally in the Rhyacophila castanea Group near Rhyacophila olahi BJ Armitage & TI Arefina Holotype-- Male; VIETNAM: Lamdong Province, Baoloc, Duchma Stream, 23-x-1988, light, j Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)  
*Rhyacophila langdarma* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila laocai* BJ Armitage and T.I. Arefina, 2003 : OL (Male and female described and species assigned to Rhyacophila divaricata Branch and Rhyacophila nigrocephala Group F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)  
*Rhyacophila laptapa* F Schmid, 1970 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Rhyacophila lata* AV Martynov, 1918 (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 56 Russia (southern Siberia - Sajan Mountains)  
*Rhyacophila latitergum* JJ Davis, 1950 : NA (Rhyacophila vulgaris Branch, F Schmid, 1970, Mem ent Soc Can 66: 36 United States of America)  
*Rhyacophila laufferi* L Navas, 1918 (Rhyacophila vulgaris Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, Graeisia 57(1): 29-37, f 1-10 Spain)  
*Rhyacophila ledra* HH Ross, 1939 : NA (Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)  
Syn.: *Rhyacophila hardeni* DG Denning, 1948  
*Rhyacophila leechi* DG Denning, 1975 : NA (United States of America)  
*Rhyacophila lenae* AV Martynov, 1910 (Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Russia (north central Siberia))  
*Rhyacophila lepcha* F Schmid, 1970 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)  
*Rhyacophila lepnevae* IM Levanidova, 1977 (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45 Russia (southeastern Siberia))  
*Rhyacophila lezeyi* L Navas, 1933 (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Rhyacophila acropedes Group according to RB Kuranbishi, 1999, Proc Internatn Symp Trich 9: 186

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)



Syn.: *Rhyacophila morokuboensis* M Kobayashi, 1971  
*Rhyacophila lhabu* F Schmid, 1970 : OL (*Rhyacophila nigrocephala* Group Ross, 1956, *Evol Class mountain Caddisflies*, Urbana p 105, 108, 121

*Rhyacophila divaricata* Branch F Schmid, 1970, *Mem ent Soc Can* 66: 68

Male redescribed and new record for Vietnam reported and species assigned to *Rhyacophila divaricata* Branch and *Rhyacophila nigrocephala* Group F Schmid, 1970, *Mem ent Soc Can* 66: 68 by BJ Armitage and TI Arefina, 2003, *Aquatic Insects* 25(2): 104-105, f 8

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 India)

*Rhyacophila lhadzongpa* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36) India)

*Rhyacophila lhopa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila lieftincki* G Ulmer, 1951 : OL (Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19]

Phylogeny and historical biogeography of *Rhyacophila lieftincki* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 3, 7, 11

Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65

Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Java))

*Rhyacophila ligifera* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Myanmar)

*Rhyacophila ligulula* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila gyamo* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, *Mem ent Soc Can* 66: 68

Holotype--Male; China: Sichuan Province, 5 km S of Luding City (29.9N, 102.2E), Mozi Brook, 1350 m elev, 7-VI-1996, light trap, collected by YANG Lianfang and WANG Xinhua; deposited in the Nanjing Agricultural University Insect Collection, Nanjing Jiangsu Province, People's Republic of China China (Sichuan))

*Rhyacophila liliputana* N Banks, 1939 : OL (described as type species of new subgenus *Doliocypta* N Banks, 1939, *Bull Mus comp Zool Harvard* 85: 502

(*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, as *Rhyacophila "liliputana"* China (Jiangxi))

*Rhyacophila lineata* DG Denning, 1956 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36 United States of America)

*Rhyacophila lobifera* C Betten, 1934 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila lobsang* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 India)

*Rhyacophila longicuspis* C Sun, 1995 : OL (China (Zhejiang))

*Rhyacophila longistyla* C Sun & L Yang, 1995 : OL (China (Anhui))

*Rhyacophila lonpo* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila loxias* F Schmid, 1970 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36) Greece)

*Rhyacophila lurella* DG Denning, 1975 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68 United States of America)

*Rhyacophila lusitanica* R McLachlan, 1884 (*Rhyacophila vulgaris* Branch according to F

Schmid, 1970, Mem ent Soc Can 66: 36 Portugal)  
*Rhyacophila lyssa* H Malicky & N Changtong, 2004 : OL (Male described originally Holotype-- Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Man Daeng Noi, 16°57'N, 101°03'E, 1600 m, 27-4-2003, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Rhyacophila macrorrhiza* C Sun & L Yang, 1995 : OL (China (Sichuan))  
*Rhyacophila madalensis* LP Hsu & CS Chen, 1996 : OL (Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, Zootaxa 1958: 65 Taiwan)  
*Rhyacophila magnahamata* LP Hsu & CS Chen, 1996 : OL (Taiwan)  
*Rhyacophila mahunkai* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)  
*Rhyacophila mainensis* N Banks, 1911 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Recorded from Wilson Run, Elk County, Pennsylvania by LJ Stafford, JL Sykora, M Koryak, RJ Reilly, 1999, J Pennsylvania Acad Sci 73(1): 38-39 United States of America)  
Syn.: *Rhyacophila melita* HH Ross, 1938  
*Rhyacophila maitripa* F Schmid, 1970 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)  
*Rhyacophila makiensis* M Kobayashi, 1987 (Japan)  
*Rhyacophila malayana* N Banks, 1931 : OL (Included in the *Rhyacophila divaricata* Branch by F Schmid, 1970, Mem ent Soc Can 66: 68)

Phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 1, 5, 10

Male redescribed and female described and variants of these described and Vietnam added to distribution by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 99, 101, f 3, 4

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Peninsular Malaysia, Vietnam, Thailand, Laos, Cambodia by J Olah & H Malicky, 2010, Braueria 37: 14 Malaysia (Peninsular))  
*Rhyacophila malkini* HH Ross, 1947 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)  
*Rhyacophila manicata* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)  
*Rhyacophila manipuri* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)  
*Rhyacophila manistee* HH Ross, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)  
*Rhyacophila manlungpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)  
*Rhyacophila manna* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Rhyacophila manuleata* AV Martynov, 1934 ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Russia (southeastern Siberia))  
*Rhyacophila marcida* N Banks, 1947 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) China (Sichuan))  
*Rhyacophila margaritae* K Kumanski, 1998 (Male and female described originally Holotype-- Male; Bulgaria: Central Stara Planina Mts, Stara Ribaritsa Riv, 950-1000 m, 23-10-1996; deposited in the National Museum of Natural History, Bulgarian Academy of Sciences, Sofia, Bulgaria Bulgaria)  
*Rhyacophila maritima* IM Levanidova, 1977 (Russia (southeastern Siberia))  
*Rhyacophila marpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila martynovi* ME Mosely, 1930 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Female described by F Sipahiler, 2004, *Baueria* 31: 31 France)  
*Rhyacophila martynovi tetensis* F Sipahiler, 1993 ( ~martynovi ME Mosely, 1930, *Tr ent Soc London* 78: 242-243, f 13-15

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36))  
*Rhyacophila mayaensis* M Kobayashi, 1973 (Japan)  
*Rhyacophila mayestril* H Malicky, 1992 : OL (Thailand)  
*Rhyacophila melanippe* H Malicky, 2007 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Male described originally in the *Rhyacophila tarkiya* Group Holotype--Male; BHUTAN: Trogsa, Telegangchhu Bridge, 27\*29'N, 90\*31'E, 2100 m, 21-iv-2006, Graf & Malicky, Lichtfallen, Grosser Schluchtbach; deposited in NECS, Thimphu Bhutan)

*Rhyacophila melli* G Ulmer, 1926 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) China (Guangdong))

*Rhyacophila melpomene* H Malicky, 1976 (Larva described by R Vieira-Lanero, MA Gonzalez, & F Cobo, 2001, *Graellsia* 57(1): 29-37, f 11-26 Portugal)

*Rhyacophila merangirana* H Malicky, 1978 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Rhyacophila meridionalis* E Pictet, 1865 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36

Feeding behavior studied by R Cereghino, 2002, *Aquatic Insects* 24(2): 129-135

Two color forms of larvae with northern form corresponding with description by H Decamps, 1965, *Ann Limnol* 18(1): 51-72 and southern form corresponding with description by C Zamora-Munoz, J Picazo, & J Alba-Tercedor, 1997, *Aquatic Insects* 19(1): 1-8, according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 50

Degree of intolerance score (DIS) of 7.87 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 Spain)

Syn.: *Rhyacophila adunca* L Navas, 1931

Syn.: *Rhyacophila guadarramica* F Schmid, 1952

*Rhyacophila meyeri* R McLachlan, 1879 (*Rhyacophila stigmatica* Group according to F Schmid, 1970, *Mem ent Soc Can* 66: 94

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 Switzerland)

*Rhyacophila meyi* BJ Armitage and T.I. Arefina, 2003 : OL (Male described originally and species assigned to *Rhyacophila philopotamoides* Branch and *Rhyacophila castanea* Group F Schmid, 1970, *Mem Soc ent Can* 66: 46

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 25-37 Vietnam)

*Rhyacophila milarepa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila milnei* HH Ross, 1950 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36 Canada)

*Rhyacophila mimiclaviforma* C Sun & L Yang, 1998 : OL (Included in the *Rhyacophila lieftincki* Group by BJ Armitage, 2008, *Zootaxa* 1958: 65 China (Yunnan))

*Rhyacophila minora* N Banks, 1924 : NA (Although the species epithet is incorrectly latinized, its original spelling is retained in conformance with Article 32-5-1 of the International Code of Zoological Nomenclature (1999 and OS Flint, 2002, in litt);

*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila minoyamaensis* M Kobayashi, 1973 (Japan)

*Rhyacophila minuta* N Banks, 1939 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6 China (Hainan Island))

*Rhyacophila mirabilis* IM Levanidova & F Schmid, 1977 (Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, Proceedings of the International Symposium on Trichoptera 12: 263-274 Russia (eastern Siberia - Kuril Islands))

*Rhyacophila mishmica* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila mjohjangsanica* L Botosaneanu, 1970 ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] Korean People's Democratic Republic)

*Rhyacophila mnemosyne* H Malicky, 2007 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Male described originally near *Rhyacophila chumikpa* F Schmid Holotype--Male; BHUTAN: Trongsa, Chandjichhu bei Cherdebji, 27\*29'N, 90\*20'E, 23-iv-2006, Malicky, Tagfang, kleiner Fluss im Kulturland; deposited in NECS, Thimphu Bhutan)

*Rhyacophila mocsaryi* F Klapalek, 1898 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Feeding behavior studied by R Cereghino, 2002, Aquatic Insects 24(2): 129-135

Listed from Ukraine by B Szczeny & RJ Godunko, 2008, Braueria 35: 11-20 Hungary)

*Rhyacophila mocsaryi tredosensis* F Schmid, 1952 ( ~mocsaryi F Klapalek, 1898, Termes Fuzetek 21: 489

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Distributed in the Pyrenees and the Iberian Peninsula according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 50)

*Rhyacophila moneta* H Malicky & N Changthong, 2004 : OL (Male described originally Holotype--Male; Thailand: Pitsanulok Province, Phu Hin Rongkla National Park, Namtok, Huai Kamanoi, 16\*59'N, 101\*00'E, 1600 m, 20-21-7-2002, leg N Changthong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Rhyacophila mongolica* IM Levanidova, 1993 : NA (Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 56 Russia (northeastern Siberia))

*Rhyacophila monstrosa* IM Levanidova & F Schmid, 1977 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Russia (southeastern Siberia))

*Rhyacophila montana* FM Carpenter, 1933 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Female described by AL Prather, AL Syrett, & JC Morse, 1997, P Internatn Symp Trich 8: 397

Female and larva described by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 117, figs United States of America)

*Rhyacophila monyulpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila morettina* L Botosaneanu, 1980 (Belonging to the *Rhyacophila stigmatica* Group

according to H Malicky, 2009, Contributions to Natural History 12: 952 Bosnia)  
*Rhyacophila morsei* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila scissa* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Gansu Province, Wen County (33.0N, 104.6E), Dianba, Donggou Brook, 950 m elev, 15-VI-1998, light trap, collected by YANG Lianfang; deposited in the Nanjing Agricultural University Insect Collection, Nanjing Jiangsu Province, People's Republic of China China (Gansu))  
*Rhyacophila mortoni* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 1, 5, 10 India)  
*Rhyacophila mosana* DG Denning, 1965 : NA (Doubtful or insufficiently known species according to Schmid, 1970, Mem ent Soc Can 66: ? United States of America)  
*Rhyacophila motakanta* F Schmid, 1970 (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)  
*Rhyacophila motasi* L Botosaneanu, 1957 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Roumania)  
*Rhyacophila mroczkowskii* L Botosaneanu, 1970 (phylogeny and historical biogeography of *Rhyacophila yosii* Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 4, 8, 11 Korean People's Democratic Republic)  
*Rhyacophila muktepa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila multispinomera* C Sun & L Yang, 1998 : OL (Reported from China (Yunnan) and Vietnam by J Olah & H Malicky, 2010, Braueria 37: 14 China (Yunnan))  
*Rhyacophila munda* R McLachlan, 1862 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36

Widely distributed species in Europe, larvae of southern and southeastern Iberian Peninsula somewhat different, possibly *Rhyacophila fonticola* J Giudicelli & M Dakki according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 50

Degree of intolerance score (DIS) of 5.54 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Male variation described from Tunisia by K Kumanski, 2007, Braueria 33: 17, f 1-2 Britain)

Syn.: *Rhyacophila atlantica* L Navas, 1936

Syn.: *Rhyacophila oreina* L Navas, 1936

*Rhyacophila murhu* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Rhyacophila mycta* HH Ross, 1941 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Female described by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 101, figs and by DA Etnier, CR Parker, & IC Stocks, 2004, Proc Entomol Soc Washington 106(2): 402-405, f 7, 10 United States of America)

*Rhyacophila myrmidone* H Malicky & J Nawvong, 2004 : OL (Male described originally Holotype--Male; Thailand: Phrae Province, Wieng Ko Sai National Park, Namtok Maekueang Luang, 17°58'N, 99°35'E, 430 m, 22-23-11-2002, leg J Naewong; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Rhyacophila nabochepa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila naga* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila nagaokaensis* M Kobayashi, 1976 (Japan)  
*Rhyacophila nagongpa* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)  
*Rhyacophila nakagawai* M Kobayashi, 1969 (Male described originally near *Rhyacophila fuscula*)

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Holotype--Male; Japan: Kanagawa Prefecture, Ashigara-gun, Yamakita-machi, Hokisawa, R Nakagawa, M Kobayashi (M 2028); in alcohol; deposited in the Kanagawa Prefecture Museum, Yokohama, Japan Japan)  
*Rhyacophila nakpo* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila namgyal* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6, as *Rhyacophila "namygdal"* India)  
*Rhyacophila nana* IM Levanidova, 1993 (Reported from Siberia (Chita Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Russia (southeastern Russia))  
*Rhyacophila nandori* O Kiss, 2003 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Male described originally near *Rhyacophila khiympa* F Schmid, 1970 (as "*Rhyacophila khiyampa*")

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: East-Nepal, Jyandra Danda, Phere 3150 m, by light trapping, 29-vi-1998, leg Marton Hreblay and Balazs Benedek; coll and gen prep No. 103 O Kiss; deposited in the O Kiss collection, Department of Zoology, College of Education, Eger, Hungary Nepal)  
*Rhyacophila nanpingensis* C Sun & L Yang, 1998 : OL (China (Sichuan))  
*Rhyacophila narayani* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila narvae* L Navas, 1926 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Phenology in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Siberia (Irkutsk Region) as "*Rhyacophila narvae*" by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32 Russia (southeastern Siberia)  
Syn.: *Rhyacophila vepulsa* LJ Milne, 1936  
*Rhyacophila naviculata* KJ Morton, 1900 : OL ([Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)  
*Rhyacophila negrosana* W Mey, 1998 : OL (Male described originally in the *Rhyacophila castanea* Group near *Rhyacophila ainola* H Malicky Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 700 m, 20-25-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))  
*Rhyacophila neograndis* DG Denning, 1948 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 United States of America)  
*Rhyacophila nephroidea* C Sun & L Yang, 1998 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 China (Yunnan))  
*Rhyacophila netongpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)  
*Rhyacophila nevada* F Schmid, 1952 (Male described originally

(*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Considered a subspecies of *Rhyacophila dorsalis* (J Curtis) by H Malicky, 2002, Proc Internatn Symp Trich 10: 154-156, f 1-3

A valid species with readily diagnosable larva according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 51, f 2b

Degree of intolerance score (DIS) of 8.24 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797 Spain)

*Rhyacophila nevadensis* N Banks, 1924 : NA (United States of America)

*Rhyacophila newelli* DG Denning, 1968 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila ngawang* F Schmid, 1970 : OL (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) India)

*Rhyacophila ngorpa* F Schmid, 1970 : OL (Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila ngulpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) India)

*Rhyacophila nigra* AV Martynov, 1930 : OL (Taiwan)

*Rhyacophila nigrata* N Banks, 1907 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46

Female described by DA Etnier, CR Parker, & IC Stocks, 2004, *Proc Entomol Soc Washington* 106(2): 402-406, f 11 United States of America)

*Rhyacophila nigrocephala* M Iwata, 1927 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, *Miscellaneous Reports of the Hiwa Museum for Natural History* 48: 91-101 Japan)

Syn.: *Rhyacophila modesta* M Tsuda, 1940

*Rhyacophila nigrorosea* F Schmid, 1959 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68) Pakistan)

*Rhyacophila niizakiensis* M Kobayashi, 1976 (Japan)

*Rhyacophila nipponica* L Navas, 1933 (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 56

Distributed in Japan (Hokkaido, Honshu, Kyushu) and Russia (Kuriles) according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274 Japan)

*Rhyacophila niwae* M Iwata, 1927 (Japan)

*Rhyacophila noeibia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Rhyacophila norbu* F Schmid, 1970 : OL (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 India)

*Rhyacophila norcuta* HH Ross, 1938 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36 United States of America)

Syn.: *Rhyacophila novarotunda* S Ling, 1938

*Rhyacophila nubila* JW Zetterstedt, 1840 : PA (Belongs to *Rhyacophila vulgaris* Branch F Schmid, 1970, *Mem ent Soc Can* 66: 36

Reported from Iraq by F Al-Zubaki & A Al-Kayalt, 1987, Iraq Journal of Science 26(2): 439-443

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Adult illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 139, 145

Chemoreception of sex pheromone by MC Larsson & BS Hansson, 1998, J Ins Phys 44(2): 189-196

Reported for Borzsony Mountains by O Kiss & D Schmera, 1999, Proc Internatn Symp Trich 9: 171-174

Behavioral relationships with *Baetis rhodani* prey and *Phoxinus phoxinus* predator provided by A Huhta, T Muotka, A Juntunen, & M Yrjonen, 1999, J Animal Ecol 68(5): 917-927

Habitat connectivity of adult during the reproductive phase reported by T Ehlert, 2000("1998"), Verhandlungen Westdeutscher Entomologentag 1998: 187-193

Life cycle, diet and habitat in Ovre Heimdalen, Jotunheimen Mountains, Norway, reported by S Reiso & JE Brittain, 2000, Norwegian Journal of Entomology 47(2): 113-124

New record in light trapping survey in Hungary (County Komarom-Esztergom, Tata), bioindicator potential reported by D Schmera, 2000, Novenyvedelem 36(7): 357-358

Diagnosis from *Rhyacophila dorsalis* J Curtis and its subspecies reviewed by H Malicky, 2002, Proc Internatn Symp Trich 10: 149-166

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Effects of rotenone pollution reported by JA Gladso & GG Raddum, 2002, Internationale Vereinigung fuer Theoretische und Angewandte Limnologie Verhandlungen 28(2): 764-769

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Lapland)

Syn.: *Rhyacophila paupera* HA Hagen, 1859

Syn.: *Rhyacophila subnubila* AV Martynov, 1934

Syn.: *Rhyacophila subnubila*, 1953

*Rhyacophila nyamangpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila nyelungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila nyerongpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila nyerpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila nyukmadongpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila obelix* H Malicky, 1979 (Belonging to the *Rhyacophila stigmatica* Group according



to H Malicky, 2009, Contributions to Natural History 12: 952 Portugal)

*Rhyacophila obliterata* R McLachlan, 1863 : PA (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

*Rhyacophila torrentium* FJ Pictet is a synonym of *Rhyacophila obliterata* R McLachlan according to L Botosaneanu, 1995, Faunist Abhandl (Dresden) 20: 62), Switzerland

*Rhyacophila torrentium* FJ Pictet is a distinct species according to H Malicky, 2005, Linzer biol Beitr 37(1): 540

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Wales)

*Rhyacophila obscura* AV Martynov, 1927 : OL (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46;

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 471

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 Uzbekistan)

*Rhyacophila obtusa* F Klapalek, 1894 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Bulgaria)

*Rhyacophila occidentalis* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Feeding behavior studied by R Cereghino, 2002, Aquatic Insects 24(2): 129-135

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 France)

Syn.: *Phryganea varia* F Walker, 1852

Syn.: *Rhyacophila andorrana* L Navas, 1917

*Rhyacophila okuihana* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila olahi* BJ Armitage and T.J. Arefina, 2003 : OL (Male and female described originally and species assigned to *Rhyacophila philopotamoides* Branch and *Rhyacophila castanea* Group F Schmid, 1970, Mem Soc ent Can 66: 46

Reported from another location in Vietnam by J Olah & H Malicky, 2010, Braueria 37: 14 Vietnam)

*Rhyacophila ophrys* HH Ross, 1948 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

Syn.: *Rhyacophila simplex* AP Nimmo, 1977

*Rhyacophila oreia* HH Ross, 1947 : NA (United States of America)

*Rhyacophila oreta* HH Ross, 1941 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36 United States of America)

*Rhyacophila orghidani* L Botosaneanu, 1952 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Roumania)

*Rhyacophila orientalis* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila orobica* GP Moretti, 1991 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Originally described as subspecies *Rhyacophila hirticornis orobica*, elevated to species status by L Botosaneanu, 1999, Spixiana 22(2): 169, f 10-13 and G Urbanic, C Krusnik, & H Malicky, 2000, Braueria 27: 17-18

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

*Rhyacophila orthacantha* J Emoto, 1979 (Japan)

*Rhyacophila osellai* H Malicky, 1981 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Turkey)

*Rhyacophila otica* DA Etnier & JD Way, 1973 : NA (United States of America)

Syn.: *Rhyacophila pennsylvanica* JL Sykora & JS Weaver, 1976

*Rhyacophila pacata* M Tsuda, 1940 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)

*Rhyacophila pallida* ME Mosely, 1930 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in geographic Italy (Sardinia), with larvae bearing symbionts *Asterophora heerii* Koelliker, 1848 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 France (Corsica))

*Rhyacophila palmeni* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Larva described by M Konar, 1997, Carinthia II 107(2): 499-501, figs

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Bosnia ("Carniola"))

*Rhyacophila parantra* HH Ross, 1948 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

Female and larva described by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 106, figs United States of America)

*Rhyacophila paratecta* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila parilis* W Mey, 1998 : OL (Male described originally in the *Rhyacophila divaricata* Group)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 1-7-xi-1995, light trap, 1600 m, V Siniaev; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)

*Rhyacophila parva* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila parva mukpo* F Schmid, 1970 (

~*parva* DE Kimmins, 1953, Ark Zool (2) 4 no 29: 510, 536, 555, f 26 (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68))

*Rhyacophila pascoei* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Reported from Karelia, Paanayarvsky National Park, Russia, by VV Khrennikov, 1995, in G Vierbergen & I Tunc, Priroda i ekosistemy Paanayarvskogo natsionalnogo parka, Karel'skii nauchnyi tsentr RAN , Petrozavodsk

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, *Lauterbornia* 56: 155-167

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 (France)

Syn.: *Rhyacophila palazoni* L Navas, 1934

*Rhyacophila paurava* F Schmid, 1959 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Pakistan)

*Rhyacophila pellisa* HH Ross, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

Syn.: *Rhyacophila doddsi* S Ling, 1938

*Rhyacophila pelopeia* H Malicky & A Nuntakwang, 2004 : OL (Male described originally Holotype--Male; Thailand, Lampun Province, Mae Ping National Park, Namtok Koh Luang, 17°34'N, 98°49'E, 500 m, 22-4-2003, leg A Nantakwang; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Rhyacophila pemba* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila pendayica* H Malicky, 1975 (Greece)

*Rhyacophila pentagona* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila nigrocephala* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Yunnan Province, Dali County (25.9N, 9.8E), Mt Diancangshan, Qingbi Brook, 2200-2500 m elev, 23-V-1998, sweeping, collected by WANG Beixin and DU Yuzhou; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Yunnan))

*Rhyacophila pepingensis* G Ulmer, 1932 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) China (Beijing))

*Rhyacophila perda* HH Ross, 1938 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila perdita* N Banks, 1938 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Malaysia (Peninsular))

*Rhyacophila peripenis* C Sun & L Yang, 1998 : OL (China (Anhui))

*Rhyacophila perplana* HH Ross & GJ Spencer, 1952 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila petersorum* F Schmid & DG Denning, 1971 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Thailand)

*Rhyacophila philopotamoides* R McLachlan, 1879 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Pyrenees)

Syn.: *Rhyacophila centralis* F Schmid, 1970

Syn.: *Rhyacophila orientalis* F Schmid, 1970

*Rhyacophila pichaca* DG Denning, 1956 : NA (Doubtful or insufficiently known species according to Schmid, 1970, Mem ent Soc Can 66: ? United States of America)

*Rhyacophila pieli* L Navas, 1933 : OL (China (Chusan))

*Rhyacophila pirinica* K Kumanski, 1980 (Bulgaria)

*Rhyacophila poba* F Schmid, 1970 : OL ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)

*Rhyacophila polha* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila polonica* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Reported from Italy (Friuli Venezia Giulia) by H Malicky, 2005("2004"), *Gortania* 26: 245

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Poland)

Syn.: *Rhyacophila hageni* R McLachlan, 1879

Syn.: *Rhyacophila hungarica*, 1938

Syn.: *Rhyacophila margiti* O Kiss, 2002

*Rhyacophila pongensis* F Sipahiler, 2000 (Male described originally)

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 Spain)

*Rhyacophila porntipae* H Malicky, 1987 : OL (Thailand)

*Rhyacophila potteri* DG Denning & F Schmid, 1971 : NA (United States of America)

Syn.: *Rhyacophila autumnalis* AP Nimmo, 1977

*Rhyacophila praemorsa* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 118 Saxony, Belgium, France)

Syn.: *Rhyacophila delphinensis* F Vaillant, 1968

*Rhyacophila procliva* DE Kimmins, 1953 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19] Myanmar)

*Rhyacophila producta* R McLachlan, 1879 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, *Mem Soc ent Can* 66: 46)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34 Carinthia)

*Rhyacophila pseudotristis* K Kumanski, 1987 (Bulgaria)

*Rhyacophila psezuapse* SI Melnitsky, 2004 (Male described originally in the *Rhyacophila vulgaris* Branch, *Rhyacophila nubila* Complex, related to *Rhyacophila cupressorum* and *Rhyacophila bacurianica* Holotype--Male; Russia: Krasnodarsky Kray, 15 km E from Lazarevskoe, river Tatyankovka (river Psezuapse basin), 11-09-2003, leg Melnitsky; in alcohol; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia (Krasnodarsky Kray))

*Rhyacophila pubescens* FJ Pictet, 1834 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, *Mem Soc ent Can* 66: 46)

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, *Proc Internatn Symp Trichoptera* 11: 91-99

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, *Ferrantia* 55: 23-34

Population genetic structure north of the Alps discussed by CHM Engelhardt, SU Pauls, & P Haase, 2008, *Fundamental and Applied Limnology, Archiv fuer Hydrobiologie* 173(2): 165-176 Switzerland)

*Rhyacophila pulchra* F Schmid, 1952 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 36) Spain)

*Rhyacophila pusilla* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila vulgaris* Branch, *Rhyacophila anatina* Group of F Schmid, 1970, *Mem ent Soc Can* 66: 36 Holotype--Male; China: Guizhou Province, Mt. Fanjingshan (27.9N, 108.6E), Yu-ao, 900 m elev, 4vI-1995, light trap, collected by SUN Changhai and WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China (Guizhou))

*Rhyacophila putata* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila putata temba* F Schmid, 1970 (~*putata* DE Kimmins, 1953, Ark Zool (2) 4 no 29: 509, 512, 55, f 4 (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68))

*Rhyacophila pyrrrha* H Malicky, 2007 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Male described originally near *Rhyacophila cameroni* N Banks Holotype--Male: BHUTAN: Bumthang, Yuto La Westseite 3100 m, 27°31'N, 90°33'E, 22-iv-2006, Graf & Malicky, Tagfang, kleiner Bach mit Wasserfall und Becken neben der Strasse; deposited in NECS, Thimphu Bhutan)

*Rhyacophila quadrifida* C Sun & L Yang, 1995 (

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471 China (Shaanxi))

*Rhyacophila quana* H Malicky & P Chantaramongkol, 1989 : OL (phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 1, 5, 10 Thailand)

*Rhyacophila ramingwongi* H Malicky, 1987 : OL (Thailand)

*Rhyacophila ramulina* H Malicky & CH Sun, 2002 : OL (Male described originally as "Rhyacophila incertae sedis" Holotype--Male; China: Zhejiang Province, Zhejiang Province, Mt Tianmushan (30.4N, 106.8E), Chanyuan Temple, 380 m elev, 9-V-1998, sweeping, collected by YU Zhiyong; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Rhyacophila ranga* J Olah, 1987 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila ravizzai* GP Moretti, 1991 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

*Rhyacophila rayneri* HH Ross, 1951 : NA (Mexico (Baja California))

*Rhyacophila rectispina* R McLachlan, 1884 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

*Rhyacophila arcangelina* L Navas, 1932, is an apparent vicariant according to H Malicky, 2005, Linzer biol Beitr 37(1): 539

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

Syn.: *Rhyacophila casasi* L Navas, 1934

*Rhyacophila relegata* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Malaysia (Peninsular))

*Rhyacophila relictata* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797 France)

*Rhyacophila retracta* AV Martynov, 1914 (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Phenology in the Sikhote-Alinsky Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 56

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, Proceedings of the International Symposium on Trichoptera 12: 263-274 Russia (southwestern Siberia - Altai Mountains))

Syn.: *Rhyacophila uenoi* M Tsuda, 1940

*Rhyacophila reyesi* DG Denning, 1989 : NA (United States of America)

*Rhyacophila rhombica* AV Martynov, 1935 : OL (Male redescribed and new record for Vietnam reported and synonymy with *Rhyacophila khasiorum* Schmid, 1970, suggested and assigned to *Rhyacophila divaricata* Branch and *Rhyacophila khimbarpa* Group F Schmid, 1970, Mem ent Soc Can 66: 68 by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 104-105, f 8;

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 492, 494 India)

*Rhyacophila rickeri* HH Ross, 1956 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila riedeliana* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Rhyacophila rima* C Sun & L Yang, 1995 : OL (China (Jiangxi))

*Rhyacophila robusta* F Schmid, 1970 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 Canada)

*Rhyacophila rongpa* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila rotunda* N Banks, 1924 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36 United States of America)

*Rhyacophila rougemonti* R McLachlan, 1880 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarinida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Switzerland)

*Rhyacophila rougemonti sicula* KJ Morton, 1906 (

~rougemonti R McLachlan, 1880, Rev Syn Suppl 2: 77, pl 57 f 1-3)

*Rhyacophila ructicna* H Malicky, 1993 : OL (Pakistan)

*Rhyacophila rupta* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 France)

*Rhyacophila rupta erkakanae* F Sipahiler, 1993 (

~rupta R McLachlan, 1879, Rev Syn p 450-451, pl 47 f 1-6 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36))

*Rhyacophila sakyapa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila sanglungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila satoi* RB Kuranishi, 1997 : OL (Japan (Okinawa-jima))

*Rhyacophila sawana* H Malicky, 1995 : OL (China (Sichuan))

*Rhyacophila schismatica* C Sun & L Yang, 1995 : OL (Male re-illustrated by H Malicky & CH Sun, 2002, Linzer Biol Beitr 34(1): pl 2 China (Jiangxi))

*Rhyacophila schmidi* HH Ross, 1969 : OL ([mentioned by F Schmid, 1970, Mem ent Soc Can 66: 84, 131, with the following remark in the bibliography: "Ross, HH, 1969, publication inconnue"])

(*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Malaysia (Peninsular))

*Rhyacophila schmidinarica* G Urbanic, C Krusnik, & H Malicky, 2000 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Slovenia)

*Rhyacophila scissa* KJ Morton, 1900 : OL (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Male redescribed and variation discussed and species assigned to *Rhyacophila philopotamoides* Branch and *Rhyacophila scissa* Group F Schmid, 1970, Mem Soc ent Can 66: 46 by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 119-120, f 21, 22

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494

Reported from India, Vietnam, Thailand, Myanmar, Nepal by J Olah & H Malicky, 2010, Braueria 37: 14 India)

*Rhyacophila scissa niyampa* F Schmid, 1970 ( ~*scissa* KJ Morton, 1900, Tr ent Soc London p 5-6, pl 1 f 15-16)

(*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

*Rhyacophila scissoides* DE Kimmins, 1953 : OL (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Rhyacophila scissoides thailandica* F Schmid, 1970 ( ~*scissoides* DE Kimmins, 1953, Ark Zool (2) 4 no 29: 509, 520, 555, f 11d-f)

(*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

*Rhyacophila scotina* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila senggepa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila sequoia* DG Denning, 1950 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 United States of America)

*Rhyacophila shaanxiensis* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila annulicornis* Group, *Rhyacophila philopotamoides* Branch of F Schmid, 1970, Mem Soc ent Can 66: 46 Holotype--Male; China: Shaanxi Province, Ningshan County (33.3N, 108.3E), Huoditang FVorest Farm, Banqiao Brook, 1600 m elev, 5-VI-1998, sweeping, collected by John C MORSE, YANG Lianfang, and SUN Chianghai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila shakanga* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 1, 5, 10

Reported from Nepal as *Rhyacophila shakungpa* by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Rhyacophila shekigawana* M Kobayashi, 1973 (Japan)

*Rhyacophila shenandoahensis* OS Flint, 1958 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46 United States of America)

*Rhyacophila sherchokpa* F Schmid, 1970 : OL ([belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, *Mem Soc ent Can* 66: 88-93, f 8, 19] India)

*Rhyacophila sherpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, *Mem Soc ent Can* 66: 46) India)

*Rhyacophila shikotsuensis* M Iwata, 1927 (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Life history described by T Ito, 1999, *Biol Inland Waters* 14: 28-34

Reported from Taiwan, as *Rhyacophila remingtoni*, by L-P Hsu & C-S Chen, *Formosan Entomologist* 23(2): 151-156

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 263-274

Reported from Japan (Izu Archipelago, Hokkaido, Honshu, Shikoku, Kyushu, Okinawa) and Russia (Kuril Islands) by K Satake & RB Kuranishi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 279-284 Japan)

Syn.: *Rhyacophila remingtoni* HH Ross, 1956

Syn.: *Rhyacophila similis* M Kobayashi, 1959

*Rhyacophila shingripa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68 India)

*Rhyacophila shingripa tatopani* SI Melnitsky, 2005 (*Rhyacophila divaricata* Branch, F Schmid, 1970, *Mem ent Soc Can* 66: 68

Male described originally

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264)

*Rhyacophila shiraishiensis* M Kobayashi, 1971 (Japan)

*Rhyacophila shresthai* H Malicky, 2004 : OL (Male described originally in the *Rhyacophila curvata* Group

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; Nepal: Bardia National Park, Babai Basar, 16-iii-2003, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria Nepal)

*Rhyacophila sibirica* R McLachlan, 1879 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, *Mem Soc ent Can* 66: 46

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Siberia (Altai, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 56 Russia (north central Siberia))

*Rhyacophila sichuanensis* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila khimbarpa* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, *Mem ent Soc Can* 66: 68 Holotype--Male; China: Sichuan Province, Yingjing County (29.8N, 102.8E), Mt Nibashan, 2250 m, 17-VI-1996, sweeping, collected by YANG Lianfang and WANG Beixin; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Sichuan))

*Rhyacophila sicorensis* L Navas, 1917 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, *Mem ent Soc Can* 66: 36 Spain)



*Rhyacophila sierra* DG Denning, 1968 : NA (United States of America)  
*Rhyacophila sikungpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Closely resembling *Rhyacophila texta* KJ Morton, 1900 [implying possible synonymy] according to H Malicky, 2007, Linzer biol Beitr 39(1): 492 India)

*Rhyacophila silinka* TI Arefina, 1994 (Russia (southeastern Siberia))

*Rhyacophila similis* AV Martynov, 1935 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila simmonsii* BJ Armitage, 2008 : NA (Male and larva described originally in the *Rhyacophila lieftincki* Group near *Rhyacophila arnaudi* DG Denning and *Rhyacophila kando rengma* F Schmid Holotype--Male; UNITED STATES OF AMERICA: Virginia, Smythe Co, N Fork Holston River, RM 85.6, Bradford Ford near McCready [36.903N and -81.734W; UTM 17 434632E and 4084359N], 16-iii-1990, B Armitage; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Rhyacophila simulatrix* R McLachlan, 1879 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36)

Female re-illustrated by H Malicky, A Prevesic, & M Kucinic, 2007, Braueria 34: 14, textfig

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarinida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

*Rhyacophila simulatrix vinconi* F Sipahiler, 1993 ( ~simulatrix R McLachlan, 1879, Rev Syn p 453-454, pl 48 f 1-4)

Reported from Austria by W Graf & G Hutter, 2002, Vorarlberger Naturschau 11: 223-226

Reported from Austria by W Graf, G Hutter, & A Schmidt-Kloiber, 2005, Lauterbornia 54: 53-61

Female described by W Graf, J Waringer, & A Weinzierl, 2005, Lauterbornia 54: 155-159, figs)  
*Rhyacophila sinensis* AV Martynov, 1931 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) China (Sichuan))

*Rhyacophila singularis* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Rhyacophila sinuata* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila siskiyou* DG Denning, 1975 : NA (United States of America)

*Rhyacophila smithi* BJ Armitage and T.I. Arefina, 2003 : OL (Male described and species assigned to *Rhyacophila divaricata* Branch and *Rhyacophila chematangpa* Group F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila soldani* W Mey, 1989 (Korean People's Democratic Republic)

*Rhyacophila spinalis* AV Martynov, 1930 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 China (Tibet))

*Rhyacophila spinata* DG Denning, 1965 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila spinosellata* W Mey, 1995 : OL (phylogeny and historical biogeography of *Rhyacophila yosiiana* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 4, 8, 11 Philippines)

*Rhyacophila spinulata* AV Martynov, 1913 (*Rhyacophila philopotamoides* Branch according to F

Schmid, 1970, Mem Soc ent Can 66: 46 Georgia)  
*Rhyacophila starki* SD Smith & JS Weaver, III, 1984 : NA (United States of America)  
*Rhyacophila stenostyla* AV Martynov, 1930 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Records and redescription of male and female provided by O Kiss, 2003, in O Kiss, Trichoptera of Nepal p 20-27

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 China (Tibet))  
*Rhyacophila stheneboia* H Malicky & T Prommi, 2006 : OL (Male described originally in the Rhyacophila nigrorosea Group (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Holotype--Male; THAILAND: Narathivas prov, Hala-Bala Wildlife Sanctuary, Sirindorn Waterfall, 62 m, 5\*47'N, 101\*50'E, 3-ix-2004; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Rhyacophila stigmatica* (F Kolenati, 1859) (Rhyacophila stigmatica Group according to F Schmid, 1970, Mem ent Soc Can 66: 94

Rhyacophila stigmatica Group partly revised by K Kumanski, 1986, Acta Zoologica Bulgarica 31: 49-59

Occurring in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34

Belonging to the Rhyacophila stigmatica Group according to H Malicky, 2009, Contributions to Natural History 12: 952 Austria ("Grossglockner"))

*Crunophila stigmatica* F Kolenati, 1859

*Rhyacophila styligera* DE Kimmins, 1953 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 Myanmar)  
*Rhyacophila suah* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally in the Rhyacophila gyamo Group Holotype--Male; THAILAND: Prov Mae Hong Son, Huai Pang Paek, 1200 m, 19\*26'N, 098\*20'E, 27-iv-2000; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Rhyacophila subovata* AV Martynov, 1913 (Rhyacophila vulgaris Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 syntypes from Russia (North Osetia) and Georgia)

*Rhyacophila sumatrana* G Ulmer, 1930 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Phylogeny and historical biogeography of Rhyacophila curvata Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 1, 5, 10, with Rhyacophila sumatrana in Sumatra and Java

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Rhyacophila sumdopa* F Schmid, 1970 : OL ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila sutchanica* F Schmid & IM Levanidova, 1986 (Russia (southeastern Siberia))

*Rhyacophila suthepensis* H Malicky, 1987 : OL (phylogeny and historical biogeography of Rhyacophila curvata Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 1, 5, 10 Thailand)

*Rhyacophila szeptyckii* H Malicky, 1993 (Korean People's Democratic Republic)

*Rhyacophila tachikawana* M Kobayashi, 1973 (Japan)

*Rhyacophila tamalpaisi* DG Denning, 1975 : NA (United States of America)

*Rhyacophila tamdaoensis* H Malicky, 1995 : OL (Phylogeny and historical biogeography of Rhyacophila castanea Group by W Mey, 1999, Senkenbergiana biologica 78(1/2): 193-203, f 2, 6

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila tamdaona* J Olah, 1987 : OL (Female described and species assigned to *Rhyacophila vulgaris* Branch F Schmid, 1970, Mem Soc ent Can 66: 46 and *Rhyacophila anatina* Group HH Ross, 1956, Evol class Mountain Caddisflies, p 76, 116 by BJ Armitage and TI Arefina, 2003, Aquatic Insects 25(2): 121-122, f 23

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila tantichodoki* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Rhyacophila tarda* J Giudicelli, 1968 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica)

*Rhyacophila tarkiya* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 India)

*Rhyacophila tashepa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila tashidingpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila tecta* KJ Morton, 1900 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 492, 494 India)

*Rhyacophila teddy* HH Ross, 1939 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Female described by AL Prather, AL Syrett, & JC Morse, 1997, P Internatn Symp Trich 8: 397 and by AL Prather & JC Morse, 2001, Transactions of the American Entomological Society 127(1): 111, figs United States of America)

*Rhyacophila tehama* DG Denning, 1975 : NA (United States of America)

*Rhyacophila tenebrosa* W Mey, 1998 : OL (phylogeny and historical biogeography of

*Rhyacophila yosiiana* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 4, 8, 11 Philippines)

*Rhyacophila tengyelingpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila ternifolia* C Sun & L Yang, 1995 : OL (China (Sichuan))

*Rhyacophila terpsichore* H Malicky, 1976 (Portugal)

*Rhyacophila terrai* MA Gonzalez & JM Menendez, 2010 (Male described originally in the *Rhyacophila vulgaris* Group near *Rhyacophila meridionalis* FJ Pictet Holotype--Male; SPAIN: Galicia, nacimiento del Rio Landro (Serra o Xistral, Lugo), 22 September 1988, 800 m, 43°27'31"N, 007°36'10"W; deposited in the the MA Gonzalez Collection, Department of Zoology, University of Santiago de Compostela, Santiago de Compostela, Spain Spain)

*Rhyacophila tetracantha* C Sun & L Yang, 1995 : OL (China (Sichuan))

*Rhyacophila tetraphylla* C Sun & L Yang, 1995 : OL (China (Fujian))

*Rhyacophila tianmushanensis* H Malicky & CH Sun, 2002 : OL (Male described originally in *Rhyacophila divaricata* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Zhejiang Province, Mt Tianmushan (30.4N, 119.5E), Sanli Pavilion, 640 m elev, 17-XI-1998, Malaise trap, collected by CHENG Xiaoyuan; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Rhyacophila tibori* O Kiss, 2003 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Male described originally near *Rhyacophila tarkiya* F Schmid, 1970

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: East-Nepal, Deorali Danda, Tseram, 3900 m, by light

trapping, 22-vi-1998, leg Marton Hreblay and Balzs Benedek; coll and gen prep No 104 O Kiss; deposited in O Kiss Collection, Department of Zoology, College of Education, Eger, Hungary Nepal)

*Rhyacophila tolungpa* F Schmid, 1970 : OL (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila tonneri* W Mey, 1989 (Korean People's Democratic Republic)

*Rhyacophila torrentium* FJ Pictet, 1834 (Rhyacophila vulgaris Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

A synonym of *Rhyacophila armeniaca* FE Guerin-Meneville according to R McLachlan, 1879, Rev Syn 8: 436-437, and L Botosaneanu, 1995, Faunist Abhandl (Dresden) 20: 62

*Rhyacophila obliterata* R McLachlan is a synonym according to L Botosaneanu, 1995, Faunist Abhandl (Dresden) 20: 62)

Occurring in Italy, with larvae bearing symbionts *Asterophora capitata* Boudoin, 1967 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34

Listed from Ukraine by B Szczeny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

Syn.: *Rhyacophila valkanovi* L Botosaneanu, 1956

*Rhyacophila torva* HA Hagen, 1861 : NA ((Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) United States of America)

Syn.: *Rhyacophila terminata* N Banks, 1907

Syn.: *Rhyacophila vinura* LJ Milne, 1936

*Rhyacophila tosagan* H Malicky & P Chantaramongkol, 1993 : OL (phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, Senckenbergiana biologica 78(1/2): 193-203, f 2, 6, 9 Thailand)

*Rhyacophila towadensis* M Iwata, 1927 (Rhyacophila divaricata Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Synonym of *Rhyacophila articulata* KJ Morton according to M Tsuda, 1948, Takarazuka Konchu Kanpo 43: 1-18 (see RB Kuranishi, 1999, Proc Internatn Symp Trich 9: 186)

*Rhyacophila acropedes* Group according to RB Kuranbishi, 1999, Proc Internatn Symp Trich 9: 186 Japan)

Syn.: *Rhyacophila vaoides* HH Ross, 1956

*Rhyacophila tralala* F Schmid, 1970 : NA (Rhyacophila vulgaris Branch, F Schmid, 1970, Mem ent Soc Can 66: 36 United States of America)

*Rhyacophila transquilla* M Tsuda, 1940 (Rhyacophila philopotamoides Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Newly recorded in Japan (Hokkaido) by A Khkawa & T Hattori, 2007, Proceedings of the International Symposium on Trichoptera 12: 263-274 Japan)

*Rhyacophila trashipa* F Schmid, 1970 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "Rhyacophila naviculata Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 494 India)

*Rhyacophila trescaviscensis* L Botosaneanu, 1960 (Rhyacophila philopotamoides Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46 Bosnia)

*Rhyacophila triangularis* F Schmid, 1970 : OL ((Rhyacophila vulgaris Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) China (Hunnan))

*Rhyacophila tricornuta* JL Sykora & DJ McCabe, 1996 : NA (Male described originally in the *Rhyacophila invaria* Group, *Rhyacophila nigrita* Subgoup, near *Rhyacophila nigrita* N Banks Holotype--Male; UNITED STATES OF AMERICA: Virginia, Smithy County, Mount Rodgers

National Recreation Area, Hurricane Campound next to Hurricane Creek, 22-v-1994, Declan J McCabe; deposited in the Carnegie Museum of Natural History, Pittsburg, Pennsylvania, United States of America United States of America)

*Rhyacophila tridentata* L Tian & Y Li, 1986 : OL (China (Yunnan))

*Rhyacophila trifasciata* ME Mosely, 1930 (*Rhyacophila vulgaris* Branch according to F Schmid, 1970, Mem ent Soc Can 66: 36

Endemic to geographica Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring in Italy, with larvae bearing symbionts *Asterophora heerii* Koelliker, 1848 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 France (Corsica))

*Rhyacophila triloba* C Hwang, 1958 : OL (China (Sichuan))

*Rhyacophila trinacriiformis* L Tian & Y Li, 1986 : OL (China (Yunnan))

*Rhyacophila trireginorum* J Olah & H Malicky, 2011 : OL (Male described originally in the *Rhyacophila lieftincki* Group near *Rhyacophila krauskasseggae* H Malicky Holotype--Male; INDONESIA: Sumatra, Danau Ranau, Bukit Marisan Selatan National Park, 950 m, 04°57'S, 103°52'E, 30-vi-2-vii-2009, light trap; Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Rhyacophila tristis* FJ Pictet, 1834 (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46

Feeding behavior studied by R Cereghino, 2002, Aquatic Insects 24(2): 129-135

Larval variations discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Graellsia 60(1): 51

Degree of intolerance score (DIS) of 7.02 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, Environmental Pollution 132: 509-521

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Occurring in Italy, with larvae bearing symbionts *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarininida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353

Distinguished from *Rhyacophila aquitanica* R McLachlan and *Rhyacophila carpathica* L Botosaneanu by M Balint, L Botosaneanu, L Ujvarosi, & O Popescu, 2009, Zootaxa 2148: 39-48

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, Boln Asoc esp Ent 34(1-2): 118 Switzerland)

Syn.: *Rhyacophila angularis* FJ Pictet, 1834

Syn.: *Rhyacophila biguttata* FJ Pictet, 1834

Syn.: *Rhyacophila chesa* L Navas, 1918

Syn.: *Rhyacophila pelionensis* S Jacquemart, 1957

Syn.: *Rhyacophila umbrosa* FJ Pictet, 1834

*Rhyacophila trulungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila truncata* DE Kimmins, 1953 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Myanmar)

*Rhyacophila tsering* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid,

1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senkenbergiana biologica* 78(1/2): 193-203, f 2, 6, 9 India)

*Rhyacophila tshiringpa* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila tshogpa* F Schmid, 1970 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)

*Rhyacophila tsiudmarpo* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila tsona* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila tsongkhapa* F Schmid, 1970 : OL ([belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19] India)

*Rhyacophila tsudai* HH Ross, 1956 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila yosiiiana* Group by W Mey, 1999, *Senkenbergiana biologica* 78(1/2): 193-203, f 4, 8, 11 Japan)

*Rhyacophila tsurakiana* H Malicky, 1984 (Greece)

*Rhyacophila tsusimaensis* M Kobayashi, 1985 (Japan)

*Rhyacophila tucula* HH Ross, 1950 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila tukuche* SI Melnitsky, 2005 : OL (*Rhyacophila philopotamoides* Branch according to F Schmid, 1970, Mem Soc ent Can 66: 46;

Male described originally, near *Rhyacophila obscura* AV Martynov

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; Western NEPAL: Dhawalagiri, Tukuche, 12 km SW from Jomson, 28°43'N, 83°38'E, 2591 m asl, streams near Kaligandaki River, 15-iv-1998, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Nepal)

*Rhyacophila tungkorpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila tungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila tupikana* W Mey, 1994 (Russia (Siberia))

*Rhyacophila uchidai* M Kobayashi, 1989 (Republic of Korea)

*Rhyacophila ugyenpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila ulmeri* L Navas, 1907 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46)

phylogeny and historical biogeography of *Rhyacophila yosiiiana* Group by W Mey, 1999, *Senkenbergiana biologica* 78(1/2): 193-203, f 4, 8, 11 China (Shandung)

*Rhyacophila uncata* DE Kimmins, 1953 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68)

Distributed in Thailand and Burma according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 257-262 Myanmar)

*Rhyacophila ungulata* DE Kimmins, 1953 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) Myanmar)

*Rhyacophila unimaculata* DG Denning, 1941 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila unipunctata* F Schmid, 1970 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila unisegmentalis* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila nigrocephala* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Shaanxi Province, Ningshan County, (33.3N, 108.3E), Huoditang Forest Farm, Banqiao Brook, 1600 m elev, 5-VI-1998, sweeping, collected by John C MORSE, YANG Lianfang, and SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila urg1* H Malicky & A Lounaci, 1987 (Algeria)

*Rhyacophila vacca* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

Syn.: *Rhyacophila bruesi* , 1940

Syn.: *Rhyacophila complicata* S Ling, 1938

*Rhyacophila vaefes* LJ Milne, 1936 : NA (Canada)

Syn.: *Rhyacophila vujuna* LJ Milne, 1936

*Rhyacophila vagrita* LJ Milne, 1936 : NA (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36 Canada)

*Rhyacophila vallei* GP Moretti, 1997 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Occurring more widely distributed in Italy according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Italy)

*Rhyacophila vallisclusae* J Giudicelli & L Botosaneanu, 1999 (Brachypterous adults, male, female, larva, skating habit of adult described originally France)

*Rhyacophila valuma* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila vandeli* R Despax, 1933 (*Rhyacophila stigmatica* Group according to F Schmid, 1970, Mem ent Soc Can 66: 94

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, Contributions to Natural History 12: 952 France)

*Rhyacophila vao* LJ Milne, 1936 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 Canada)

Syn.: *Rhyacophila vu* LJ Milne, 1936

Syn.: *Rhyacophila wallowa* DG Denning, 1956

*Rhyacophila vargai* O Kiss, 2003 : OL (Belonging to an unnamed genus of Rhyacophilidae comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19

Male described originally near *Rhyacophila stenostyla* AV Martynov, 1930

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: East-Nepal, Kangchenjunga, Himal, Khambachen, 4150 m, N25\*44', E87\*59', 28-vi-1998, leg Marton Hreblay and Balazs Benedek; coll and gen prep No 106 O Kiss; deposited in the collection of O Kiss, Department of Zoology, College of Education, Eger, Hungary Nepal)

*Rhyacophila vascula* H Malicky & CH Sun, 2002 (Male described originally in *Rhyacophila nigrocephala* Group, *Rhyacophila divaricata* Branch of F Schmid, 1970, Mem ent Soc Can 66: 68 Holotype--Male; China: Shaanxi Province, Liuba County (33.4N, 106.8E), Miaotaizi, 1400 m elev, 8-VI-1998, sweeping, collected by DU Yuzhou and SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))

*Rhyacophila vedra* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

Syn.: *Rhyacophila californica* S Ling, 1938

*Rhyacophila velora* DG Denning, 1954 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila vemna* LJ Milne, 1936 : NA (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68 United States of America)

*Rhyacophila verecunda* M Tsuda, 1940 ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) Japan)

*Rhyacophila vernestril* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 25-37 Vietnam)

*Rhyacophila verrula* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

Syn.: *Rhyacophila oregonensis* S Ling, 1938

*Rhyacophila verugia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Rhyacophila vetina* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila vibox* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila vicina* L Botosaneanu, 1970 (Korean People's Democratic Republic)

*Rhyacophila viquaea* LJ Milne, 1936 : NA ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) United States of America)

Syn.: *Rhyacophila celina* DG Denning, 1954

*Rhyacophila visor* LJ Milne, 1936 : NA (Canada)

*Rhyacophila vobara* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila vocala* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila voccia* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Rhyacophila vofixa* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 Canada)

*Rhyacophila vranitzensis* L Botosaneanu & M Marinkovic-Gospodnetic, 1967 ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) Bosnia)

*Rhyacophila vulgaris* FJ Pictet, 1834 (*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36)

Male re-illustrated by H Malicky, A Prevesic, & M Kucinic, 2007, Braueria 34: 14, textfig

Occurring in Italy, with larvae bearing symbionts *Asterophora heerii* Koelliker, 1848, and *Asterophora mucronata* Leger, 1892 (Protozoa: Eugregarinida) and encysted *Gordius* sp (Nematomorpha) according to F Cianficconi, C Corallini, & B Todini, 2008, Ferrantia 55: 23-34 Switzerland)

Syn.: *Rhyacophila venusta* HA Hagen, 1859

*Rhyacophila vuzana* LJ Milne, 1936 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila wangpo* F Schmid, 1970 : OL ((*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46) India)

*Rhyacophila wanichacheewai* H Malicky, 1987 : OL (Thailand)

*Rhyacophila willametta* HH Ross, 1950 : NA (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46 United States of America)

*Rhyacophila wolongensis* H Malicky, 1995 : OL (Phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, Senckenbergiana Biologica 78(1/2): 193-203, f 1, 5, 10 China (Sichuan))

*Rhyacophila wuyanensis* C Sun & L Yang, 1998 : OL (China (Jiangxi))

*Rhyacophila wuyiensis* C Sun & L Yang, 1995 : OL (China (Fujian))

*Rhyacophila xayide* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Rhyacophila yamanakensis* M Iwata, 1927 (Belonging to an unnamed genus of *Rhyacophilidae* comprised of species of the "*Rhyacophila naviculata* Branch" of F Schmid, 1970, Mem Soc ent Can 66: 88-93, f 8, 19)

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi,



2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

Syn.: *Rhyacophila quieta* M Tsuda, 1940

*Rhyacophila yamazakii* M Tsuda, 1941 ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) China (Manchuria))

*Rhyacophila yarlungpa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila yigrongpa* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)

*Rhyacophila yipung* F Schmid, 1970 : OL ((*Rhyacophila vulgaris* Branch, F Schmid, 1970, Mem ent Soc Can 66: 36) India)

*Rhyacophila yishepa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila yonggyapa* F Schmid, 1970 : OL ((*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68) India)

*Rhyacophila yora* H Malicky, 1989 : OL (Phylogeny and historical biogeography of *Rhyacophila castanea* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 2, 6

Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Rhyacophila yoshinensis* M Tsuda & T Kawai, 1967 (Japan)

*Rhyacophila yosiiana* M Tsuda, 1940 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

Phylogeny and historical biogeography of *Rhyacophila yosiiana* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 4, 8, 11

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24 Japan)

*Rhyacophila yukii* M Tsuda, 1942 (*Rhyacophila philopotamoides* Branch, F Schmid, 1970, Mem Soc ent Can 66: 46

The species is close to *R. kisoensis*, but differs from the original description of Tsuda according to W Mey & T Nozaki, 2007, *Braueria* 33: 23 Japan)

*Rhyacophila yullha* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila zhiltsovae* VD Ivanov, 1991 (Male and female described originally near *Rhyacophila kanichka* F Schmid and *Rhyacophila kadphises* F Schmid Holotype--Male; TADZHIKISTAN: Kondara, Varzob R, 23-iii-1987, L Zhiltsova leg; deposited in the Zoological Institute of the Russian Academy of Sciences, Leningrad, Russia Tadzhikistan)

*Rhyacophila zhungpa* F Schmid, 1970 : OL (*Rhyacophila divaricata* Branch, F Schmid, 1970, Mem ent Soc Can 66: 68

Phylogeny and historical biogeography of *Rhyacophila curvata* Group by W Mey, 1999, *Senckenbergiana biologica* 78(1/2): 193-203, f 1, 5, 10

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 494 India)

*Rhyacophila zwickorum* H Malicky, 1972 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38

Belonging to the *Rhyacophila stigmatica* Group according to H Malicky, 2009, *Contributions to Natural History* 12: 952 Turkey)

*Rhyacopsyche* F Mueller, 1879

*Rhyacopsyche andina* OS Flint, 1991 : NT (Colombia)

*Rhyacopsyche benwa* AM Wasmund & RW Holzenthal, 2007 : NT (Peru)

*Rhyacopsyche bulbosa* AM Wasmund & RW Holzenthal, 2007 : NT (Brazil)  
*Rhyacopsyche chichotla* J Bueno-Soria & SW Hamilton, 1986 : NT (Mexico (Oaxaca))  
*Rhyacopsyche colei* AM Wasmund & RW Holzenthal, 2007 : NT (Venezuela)  
*Rhyacopsyche colombiana* AM Wasmund & RW Holzenthal, 2007 : NT (Colombia)  
*Rhyacopsyche colubrinos* AM Wasmund & RW Holzenthal, 2007 : NT (Peru)  
*Rhyacopsyche dikrosa* AM Wasmund & RW Holzenthal, 2007 : NT (Brazil)  
*Rhyacopsyche duplicispina* OS Flint, 1996 : NT (Tobago)  
*Rhyacopsyche flinti* AM Wasmund & RW Holzenthal, 2007 : NT (Venezuela)  
*Rhyacopsyche garuhape* EB Angrisano & JV Sganga, 2009 : NT (Male described originally near  
*Rhyacopsyche yatay* EB Angrisano Holotype--Male; ARGENTINA: Misiones, Parque Provincial Salto Encantado, 8-14-i-2006, Malaise trap, Angrisano & Bravo leg; deposited in the Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina Argentina)  
*Rhyacopsyche hagenii* F Mueller, 1879 : NT (Brazil)  
*Rhyacopsyche hasta* AM Wasmund & RW Holzenthal, 2007 : NT (Peru)  
*Rhyacopsyche intraspira* AM Wasmund & RW Holzenthal, 2007 : NT (Peru)  
*Rhyacopsyche jimena* OS Flint, 1991 : NT (Colombia)  
*Rhyacopsyche matthiasi* OS Flint, 1991 : NT (Colombia)  
*Rhyacopsyche mexicana* (OS Flint, 1967) : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Mexico (Veracruz))  
*Metrichia mexicana* OS Flint, 1967  
*Rhyacopsyche mutisi* W Mey & W Joost, 1990 : NT (Colombia)  
*Rhyacopsyche obliqua* OS Flint, 1971 : NT (Mexico (Veracruz))  
*Rhyacopsyche otarosa* AM Wasmund & RW Holzenthal, 2007 : NT (Venezuela)  
*Rhyacopsyche patulosa* AM Wasmund & RW Holzenthal, 2007 : NT (Brazil)  
*Rhyacopsyche peruviana* OS Flint, 1975 : NT (Peru)  
*Rhyacopsyche rhamphisa* AM Wasmund & RW Holzenthal, 2007 : NT (Colombia)  
*Rhyacopsyche tanylobosa* AM Wasmund & RW Holzenthal, 2007 : NT (Venezuela)  
*Rhyacopsyche torulosa* OS Flint, 1971 : NT (Guatemala)  
*Rhyacopsyche turrialbae* OS Flint, 1971 : NT (Costa Rica)  
*Rhyacopsyche yatay* EB Angrisano, 1989 : NT (Larva described and diagnoses of adults, larvae, and cases provided by EB Angrisano, 2002, Proc Internatn Symp Trich 10: 402-406, f 15-28 Argentina)

*Rivulophilus* H Nishimoto,

*Rivulophilus continentis* W Mey & L Yang, 2001 (Holotype--XXX?; CHINA: Shaanxi, Qinglingshan, Taibaishan mountain region China (Shaanxi))  
*Rivulophilus sakaii* H Nishimoto, T Nozaki, & DE Ruiters, 2001 (Life history described by T Nozaki, 2002, Proc Internatn Symp Trichoptera 10: 439-448  
 Biology described by T Nozaki, 2003, Nature & Insects 38: 20-23 Japan)

*Rizeiella* F Sipahiler, 1986

*Rizeiella anatolica* F Sipahiler, 1986 (Diagnostic characters to distinguish from *Rizeiella camiliensis* provided by F Sipahiler, 1999, Aq Ins 21(2): 121 Turkey)  
*Rizeiella camiliensis* F Sipahiler, 1999 (Turkey)

*Rossiana* DG Denning, 1953

*Rossiana montana* DG Denning, 1953 : NA (United States of America)

*Rossodes* H Oezdikmen & M Darilmaz, 2008

*Russobex* R StClair, 1988

*Russobex cuneatus* R StClair, 1988 : AU (Australia)

*Saranganotrichia* G Ulmer, 1951

*Saranganotrichia chiangdao* (H Malicky & P Chantaramongkol, 2007) : OL (Male described originally)

Transferred from *Huayptila* to *Saranganotrichia* by H Malicky, 2009, *Braueria* 36: 16 Holotype--Male; THAILAND: Mae Ping beim Elephant Camp 12 km S von Chiang Dao, 360 m, 19°16'N, 98°58'E, 30-xii-1989, leg Malicky & Chanramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Huayptila chiangdao* H Malicky & P Chantaramongkol, 2007

*Saranganotrichia decussata* G Ulmer, 1951 : OL (Male re-illustrated by H Malicky, 2009, *Braueria* 36: 16, f 45 Indonesia (Java))

*Saranganotrichia kaosoidao* (H Malicky & P Chantaramongkol, 2007) : OL (Male described originally)

Transferred from *Huayptila* to *Saranganotrichia* by H Malicky, 2009, *Braueria* 36: 16 Holotype--Male; THAILAND: Kao Soi Dao National Park, 13°06'N, 102°10'E, 400 m, 23-iv-1996, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Huayptila kaosoidao* H Malicky & P Chantaramongkol, 2007

*Scelobotrichia* SC Harris & J Bueno-Soria, 1993

*Scelobotrichia contrerasi* SC Harris & J Bueno-Soria, 1993 : NA (Larva described by DE Bowles, SC Harris, & J Bueno-Soria, 1999, *Proc Internatn Symp Trich* 9: 47 Mexico (Nuevo Leon))

*Scelobotrichia profunda* SC Harris & J Bueno-Soria, 1993 : NT (Larva described by DE Bowles, SC Harris, & J Bueno-Soria, 1999, *Proc Internatn Symp Trich* 9: 48 Mexico (Guerrero))

*Scelobotrichia quemada* (OS Flint, 1970) : NA (Mexico (San Luis Potosi))

*Alisotrichia quemada* OS Flint, 1970

*Scelotrichia* G Ulmer, 1951

*Scelotrichia alata* A Wells & W Mey, 2002 : OL (Philippines)

*Scelotrichia asgiriskanda* (F Schmid, 1958) : OL (Sri Lanka)

*Pseudoxyethira asgiriskanda* F Schmid, 1958

*Scelotrichia bercabanghalus* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Indonesia (Sumatra))

*Scelotrichia bilah* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia bispinosa* A Wells & W Mey, 2002 : OL (Philippines)

*Scelotrichia buluhalus* A Wells & J Huisman, 1993 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 Malaysia (Sabah))

*Scelotrichia cavernosa* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 28 Vietnam)

*Scelotrichia cayasana* A Wells & W Mey, 2002 : OL (Philippines)

*Scelotrichia ceesi* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia dasar* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Scelotrichia digitata* A Wells & W Mey, 2002 : OL (Philippines)

*Scelotrichia dolichocera* W Mey, 1998 : OL (Philippines (Mindanao))

*Scelotrichia gerigi* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia glandulosa* A Wells & T Andersen, 1995 : AT (Tanzania)

*Scelotrichia insularis* W Mey, 1995 : OL (Philippines)

*Scelotrichia ishiharai* Y Utsunomiya, 1994 (Male, female, and late instar larva described originally)

Female pupa and early instar larva and life history described, male and female and final instar larva and larval case and pupal case re-described by A Ohkawa and T Ito, 2002, *Proc Internatn Symp Trich* 10: 449-458, 658-659, f 1-10

Reported from Japan (Izu Archipelago, Hokkaido, Honshu, Shikoku, Kyushu) by K Satake & RB Kuranishi, 2007, Proceedings of the International Symposium on Trichoptera 12: 279-284 (Japan)

*Scelotrichia jari* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Scelotrichia kait* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia kakatu* A Wells, 1990 : AU (Papua New Guinea)

*Scelotrichia kenyella* (W Mey, 1992) : AT (Kenya)

*Madioxyethira kenyella* W Mey, 1992

*Scelotrichia kipas* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia laitimtik* A Wells, 1990 : AU (Papua New Guinea)

*Scelotrichia lampai* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

Syn.: *Scelotrichia hexalocha* W Mey, 1998

*Scelotrichia levis* A Wells & D Dudgeon, 1990 : OL (China (Hong Kong))

*Scelotrichia licini* A Wells, 1990 : OL (Male, female, larva, pupa, case described originally near *Scelotrichia* *Asgiriskanda* (F Schmid), *Scelotrichia* *milinda* (F Schmid), and *Scelotrichia* *nepalensis* (DE Kimmins) Holotype--Male; INDONESIA: Sulawesi Utara, Dumoga-Bone National Park, Tumpah R tributary first fall, 4-v-1985, light trap, Wells; deposited in the Museum of Victoria, Melbourne, Australia Indonesia (Sulawesi))

*Scelotrichia litai* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Scelotrichia* *thingana* J Olah Holotype--Male; BHUTAN: Tsirang Rongchhu, 26°59'N, 090°09'E, 1700 m, 18-iv-2006, leg W Graf; deposited in the collection of H Malicky, Lunz am See, Austria (Bhutan))

*Scelotrichia marshalli* (B Statzner, 1977) : AT (Democratic Republic of the Congo)

*Madioxyethira marshalli* B Statzner, 1977

*Scelotrichia melanella* W Mey, 1998 : OL (Philippines (Mindanao))

*Scelotrichia melanoptera* W Mey, 1998 : OL (Philippines (Mindanao))

*Scelotrichia milinda* (F Schmid, 1960) : OL (Larvae are madicolous, feeding on red alga according to A Wells, 1990, Invertebr Taxon 3(4): 375)

Reported from Pakistan and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1052 (Pakistan)

*Madioxyethira milinda* F Schmid, 1960

*Scelotrichia mindanaoensis* A Wells & W Mey, 2002 : OL (Philippines)

*Scelotrichia miselia* W Mey, 1998 : OL (Philippines (Mindanao))

*Scelotrichia nana* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 (Vietnam))

*Scelotrichia nepalensis* (DE Kimmins, 1964) : OL (Reported from Nepal as *Madioxyethira* *nepalensis* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 (Nepal))

*Madioxyethira nepalensis* DE Kimmins, 1964

*Scelotrichia paku* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia pucat* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))

*Scelotrichia rienki* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Scelotrichia rincorama* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 (Vietnam))

*Scelotrichia rumput* A Wells & J Huisman, 1993 : OL (Malaysia (Sarawak))

*Scelotrichia saranganica* G Ulmer, 1951 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 (Indonesia (Java)))

*Scelotrichia schmidi* (W Mey, 1981) (Treated as a species of *Madioxyethira* by H Malicky, 2005, Linzer biol Beitr 37(1): XXX?? (Kirgizia))

*Madioxyethira schmidi* W Mey, 1981

*Scelotrichia simplex* A Wells & H Malicky, 1997 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 (Indonesia (Sumatra)))

*Scelotrichia supsup* A Wells, 1990 : AU (Papua New Guinea)

*Scelotrichia tatus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Mae Talai, 19°16'N, 098°57'E, 400 m, 13-xii-1997, leg Malicky &

Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Scelotrichia telegonos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Scelotrichia thingana* J Olah and *Scelotrichia nana* W Mey Holotype--Male; THAILAND: Doi Inthanon National Park, Mae Klang bei 960 m, 18°32'N, 098°34'E, 17-xii-1989, Leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Scelotrichia tellus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Scelotrichia ishibarai* Y Utsunomiya Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18°32'N, 098°32'E, 1200 m, 3-10-x-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Scelotrichia temenos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Scelotrichia rincorama* J Olah Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18°32'N, 098°32'E, 1200 m, 14-21-xi-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Scelotrichia thingana* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Scelotrichia thunama* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Scelotrichia toira* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Scelotrichia trifurcata* (S Jacquemart, 1962) : AT (Democratic Republic of the Congo)

*Hydroptila trifurcata* S Jacquemart, 1962

*Scelotrichia warabai* A Wells, 1990 : AU (Papua New Guinea)

*Scelotrichia willcairnsi* A Cairns & A Wells, 2008 : AU (Male and female described, larva and larval case photographed, larval feeding and case-building in moss *Platyhypnidium muelleri* (A Jaeger) M Fleisch (Brachytheciaceae) discussed originally Holotype--Male; AUSTRALIA: Queensland, North Queensland, Fishery Falls, south of Cairns, 17°11'S, 15°52'E, 10-11-xi-2007, A Cairns, A Wells, W Cairns; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Schajovskoya* OS Flint, 1979

*Schajovskoya neuquenensis* OS Flint, 1979 : NT (Argentina)

*Schizopelex* R McLachlan, 1876

*Schizopelex anatolica* F Schmid, 1964 (Listed from northwestern Turkey as *Schzopelex anatolica* by F Sipahiler, 2007, *Braueria* 34: 40 Turkey)

*Schizopelex cachetica* AV Martynov, 1913 (Georgia)

*Schizopelex festiva* (P Rambur, 1842) (Spain)

*Sericostoma festiva* P Rambur, 1842

Syn.: *Notidobia afra* L Navas, 1928

Syn.: *Sericostoma granjae* E Pictet, 1865

*Schizopelex furcifera* R McLachlan, 1880 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120 France)

*Schizopelex huettingeri* H Malicky, 1974 (Greece)

*Schizopelex persica* F Schmid, 1964 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Schizopelex pontica* AV Martynov, 1913 (Georgia)

*Schizopelex rhamnes* H Malicky, 1976 (Female described from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 37, 40, textfigs Turkey)

*Schmidopsyche* J Olah & PW Schefter, 2008

*Schmidopsyche rossi* J Olah & PW Schefter, 2008 : OL (Male and female described originally

Holotype--Male; INDIA: Sikkim, Donkung, 22-vi-1959, F Schmid; in alcohol; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada India)

*Sciadorus* KH Barnard, 1934

*Sciadorus acutus* KH Barnard, 1934 : AT (Republic of South Africa)

*Sciadorus obtusus* KH Barnard, 1934 : AT (Occurring in Salt River, South Africa according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Scotiotrichia* ME Mosely, 1934

*Scotiotrichia ocreata* ME Mosely, 1934 : NT (Argentina)

*Semblis* JC Fabricius, 1775

*Semblis atrata* (JF Gmelin, 1789) : PA (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Endangered species, biology and distribution by SA Berglind, E Engblom, PE Lingdell, 1999, Entomol Tidskr 120(1-2): 1-16

Listed in both genus *Semblis* and genus *Holostomis* by H Malicky, 2005, Linzer Biologische Beitrage 33(1): XX?

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Reported from Siberia (Chita Region, Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 32

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (Siberia))

*Phryganea atrata* JF Gmelin, 1789

Syn.: *Neuronia chaffanjoni* L Navas, 1923

Syn.: *Phryganea altaica*, 1820

*Semblis atrata chinganica* AV Martynov, 1907 (originally described as a species

as variety, AV Martynov 1914 Ann Mus Petrograd 19: 338

as subspecies W Mey & A Dulmaa 1980 Faunistische Abh st Mus Tierk Dresden 7(18): 173)

~*atrata* (JF Gmelin, 1789, Linn Syst Nat ed 13: 2634), *Phryganea*)

*Semblis melaleuca* (R McLachlan, 1871) (Japan)

*Holostomis melaleuca* R McLachlan, 1871

Syn.: *Holostomis chishimana* S Kuwayama, 1967

*Semblis phalaenoides* (C Linnaeus, 1758) : PA (

Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia, as *Semblis coreana* (S Kuwayama) by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Reported from Norway, range map, photograph of male by H Olsvik & KA Johanson, 1998, Fauna Norvegica Ser B 45(1-2): 106-107, f 1-2

Endangered species, biology and distribution by SA Berglind, E Engblom, PE Lingdell, 1999, Entomol Tidskr 120(1-2): 1-16

Confirmed from Japan (Honshu) by T Nozaki, 2000, Miscellaneous Reports of the Hiwa Museum for Natural History 39: 1-4

Host of trematode *Lecthodolfusia anatina* (Digenea: Pleurogenidae) reported by VV Besprosvannykh, 2003, Parazitologiya (St. Petersburg) 37(2): 154-158

Emergence, larval drift, intermittent stream habitat in Sweden discussed by CU Eliasson, 2003, *Entomologisk Tidskrift* 124(1-2): 41-46

Reported from Poland by S Czachorowski & K Frackiel, 2003, *Wiadomosci Entomologiczne* 22(3): 169-172

Listed in both genus *Semblis* and genus *Holostomis* by H Malicky, 2005, *Linzer Biologische Beitrage* 33(1): XX?

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55 Sweden)

*Phryganea phalaenoides* C Linnaeus, 1758

Syn.: *Holostomis coreana* S Kuwayama, 1967

Syn.: *Phryganea daurica*, 1820

Syn.: *Phryganea speciosa*, 1791

*Sericodes* F Schmid, 1987

*Sericodes capreolanus* F Schmid, 1987 : AT (Ghana)

*Sericodes cervanus* (DG Gibbs, 1973) : AT (Ghana)

*Setodes cervanus* DG Gibbs, 1973

*Sericostoma* PA Latreille, 1825

*Sericostoma baeticum* E Pictet, 1856 (Spain)

*Sericostoma bergeri* H Malicky, 1973 (Greece)

*Sericostoma carinthiacum* R McLachlan, 1868 (Carinthia)

*Sericostoma cianficconiae* GP Moretti, 1978 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Sericostoma clypeatum* HA Hagen, 1864 (Endemic to geographic Italy (Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

*Sericostoma cristatum* L Navas, 1924 (Spain)

*Sericostoma faciale* R McLachlan, 1868 (Switzerland)

*Sericostoma flavicorne* WG Schneider, 1845 (Distribution, identity provided by H Malicky, 1999, *Braueria* 26: 44-48;

Male and female redescribed by F Sipahiler, 2000, *Braueria* 27: 23-24, f 1-29;

Status of the name discussed by L Botosaneanu, 2001, *Bulletin de la Societe Entomologique de France* 106(5): 518-520

Life cycle described by P Komzak and E Sedlak, 2002, *Proc Internatn Symp Trich* 10: 425-434;

Female diagnosed by PJ Neu, 2002, *Lauterbornia* 43: 89-94

Phenology in Austria discussed by H Malicky, 2003, *Silva Gabreta* 9: 167-178 Turkey)

Syn.: *Prosoptionia schneiderii* F Kolenati, 1848

*Sericostoma galeatum* P Rambur, 1842 (France)

Syn.: *Phryganea buccata*, 1846

Syn.: *Sericostoma hamiferum* R McLachlan, 1876

Syn.: *Sericostoma latreilli* P Rambur, 1842

*Sericostoma grusiense* AV Martynov, 1913 (Listed from northwestern Turkey as *Sericostoma grusiense* by F Sipahiler, 2007, *Braueria* 34: 40 Georgia)

*Sericostoma herakles* H Malicky, 1999 (Greece)

*Sericostoma ida* F Sipahiler, 2000 (Turkey)

*Sericostoma indivisum* R McLachlan, 1880 (Germany)  
*Sericostoma italicum* GP Moretti, 1978 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)  
*Sericostoma maclachlanianum* A Costa, 1884 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))  
*Sericostoma medium* L Navas, 1917 (Spain)  
*Sericostoma memorabile* R McLachlan, 1876 (France)  
*Sericostoma mesopotamicum* R McLachlan, 1898 (Rediscovered in Turkey (Anatolia) by L Botosaneanu, 2004, Travaux du Museum National d'Histoire Naturelle "Grigore Antipa" 46: 161-179 Mesopotamia [= Iraq XXX??])  
*Sericostoma pedemontanum* R McLachlan, 1876 (Larval case discussed by E Gaino, F Cianficconi, M Reborá, and B Todini, 2002, Ital J Zool 69: 141-145)

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81 Italy)

*Sericostoma personatum* (W Kirby & W Spence, 1826) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva and case illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 22-25, 117-120

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 267

Detritivore shredder species, food preference and quality, relations with larval growth rate and case building by N Friberg & D Jacobsen, 1999, Freshw Biol 42(4): 625-636

Influence in mediating breakdown rates of beech leaves in circumneutral and acidic forest streams reported by O Dangles & F Guerold, 2001, Archiv fuer Hydrobiologie 151(4): 649-666

Female diagnosed by PJ Neu, 2002, Lauterbornia 43: 89-94

Importance in function of ecosystem with invasive plant IN France reported by O Dangles, M Jonsson, B Malmqvist, 2002, Biological Invasions 4(1): 441-446

Reported from Poland by J Majecki & K Majecka, 2002, Acta Universitatis Lodziensis Folia Biologica et Oecologica 1: 113-121

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine as *Sericostoma personatum* (Spence) by B Szczesny & RJ Godunko, 2008,



**Braueria 35: 11-20 Britain)**

*Phryganea personatum* W Kirby & W Spence, 1826

Syn.: *Goera hirta*, 1864

Syn.: *Phryganea chrysocephala* JW Zetterstedt, 1833

Syn.: *Potomaria assimilis* JF Stephens, 1836

Syn.: *Potomaria hyalinum* JF Stephens, 1836

Syn.: *Prosoponia spencii* W Kirby & W Spence, 1828

Syn.: *Sericostoma collare* FJ Pictet, 1834

Syn.: *Sericostoma foyanum* L Navas, 1919

Syn.: *Sericostoma latreillii* J Curtis, 1834

Syn.: *Sericostoma multiguttatum* FJ Pictet, 1834

*Sericostoma personatum analis* (JF Stephens, 1836) (~*personatum* (W Kirby & W Spence, 1826, *Introd Ent* 3: 489), *Phryganea*

A synonym of *Sericostoma collare* according to HA Hagen 1857 *Zoologist* 15: 5781

A variety of *Sericostoma personatum* according to DE Kimmins 1943 *J Soc Br Ent* 2: 143)

*Potomaria personatum analis* JF Stephens, 1836

*Sericostoma pyrenaicum* E Pictet, 1865 (Range extended to southeastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 61 Spain)

*Sericostoma romanicum* L Navas, 1930 (Synonym of *Sericostoma turbatum* R McLachlan, 1876, according to GP Moretti & F Cianficconi, 1978, *P int Symp Trichoptera* 2: 27

Not a synonym according to H Malicky, 2002, *Entomofauna (Ansfelden)* 23: XX?

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Sericostoma sabbades* H Malicky, 2010 (Male described originally near *Sericostoma maclachlanum* (as *Sericostoma maclachlanium*) Holotype--Male; ITALY: Sardinia, Sas Baddes, 40°25'N, 008°51'E, 430 m, 2-vi-1981, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Italy (Sardinia))

*Sericostoma schneiderii* (F Kolenati, 1848) (Considered a synonym of *Sericostoma flavicorne* WG Schneider, in part, by FCJ Fischer, 1970, *Trich Cat* 11: 222

Elevated from synonymy with *Sericostoma flavicorne* WG Schneider, as *Sericostoma schneiderii* (F Kolenati) by L Botosaneanu, 2001, *Bulletin de la Societe Entomologique de France* 106(5): 518-520 and H Malicky, 2005, *Linzer biol Beitr* 37(1): 582, Bosnia (Dalmatia)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Turkey)

*Prosoponia schneiderii* F Kolenati, 1848

*Sericostoma selysii* E Pictet, 1865 (Diet, life cycle, hydrological regime reported by A Basaguren, P Riano, & J Pozo, 2002, *Archiv fuer Hydrobiologie* 155(1): 23-41 Spain)

*Sericostoma siculum* R McLachlan, 1876 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy (Sicily))

*Sericostoma subaequale* R McLachlan, 1898 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy)

*Sericostoma timidum* HA Hagen, 1864 (Germany, Austria)

*Sericostoma turbatum* R McLachlan, 1876 (Belgium)

Syn.: *Sericostoma romanicum* L Navas, 1930

*Sericostoma vittatum* P Rambur, 1842 (Spatial distribution of adults on river banks reported (as *Sericostoma cf vittatum*) by JM Tierno de Figueroa, JA Palomino-Morales, JM Luzon-Ortega, 2000, *Italian Journal of Zoology (Modena)* 67(4): 355-358

Food consumption by the larva on Iberian Peninsula reported by MJ Feio & MAS Graca, 2000, *Hydrobiologia* 439: 7-11

Food quality, feeding preferences, survival, and growth on *Alnus glutinosa* leaves reported by MAS Graca, C Cressa, MO Gessner, MJ Feio, KA Callies, C Barrios, 2001, *Freshwater Biology*

46(7): 947-957

Conversion of leaf litter to secondary production reported by JM Gonzalez & MAS Graca, 2003, *Freshwater Biology* 48(9): 1578-1592 Spain)

Syn.: *Sericostoma medium*, 1918

Syn.: *Sericostoma merinoi* L Navas, 1916

Syn.: *Sericostoma merinoi atrata* L Navas, 1916

*Sericostriata* Wiggins, JS Weaver, & JD Unzicker, 1985

*Sericostriata surdickae* GB Wiggins, JS Weaver, & JD Unzicker, 1985 : NA (United States of America)

*Setodes* P Rambur, 1842

*Setodes abhichobhita* F Schmid, 1987 : OL (Reported from India (Teri and Pauri Garhwal) and Nepal, as *Setodes abhichobhita*, by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1553, pl 22

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Setodes abhirakta* F Schmid, 1987 : OL (Male re-illustrated, assigned to the *Setodes abhirakta* Group, and species reported from additional localities in Thailand by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1538, pl 6 Thailand)

*Setodes abhiramika* F Schmid, 1987 : OL (India)

*Setodes abhirupa* F Schmid, 1987 : OL (India)

*Setodes abhrayita* F Schmid, 1987 : OL (India)

*Setodes acchidra* F Schmid, 1987 : OL (India)

*Setodes achilleus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit, 600 m, 21-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz-am-See, Austria Malaysia (Sabah))

*Setodes acutus* L Navas, 1936 (Morocco)

Syn.: *Setodes montanus* L Navas, 1936

*Setodes adusita* F Schmid, 1987 : OL (India)

*Setodes aethiopicus* DE Kimmins, 1963 : AT (Ethiopia)

*Setodes affinis* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Setodes agarhita* F Schmid, 1987 : OL (India)

*Setodes akalanka* F Schmid, 1987 : OL (Reported from India (Assam, Sikkim) and Nepal by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1549 India)

*Setodes akchepana* F Schmid, 1987 : OL (India)

*Setodes akilbicha* F Schmid, 1987 : OL (India)

*Setodes akrura* AE Gordon & F Schmid, 1987 : OL (Male redescribed, reported from additional Thai localities, and included in the *Setodes akrura* Group by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1534 Thailand)

*Setodes aktor* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes abhirakta* Group Holotype--Male; INDONESIA: Sulawesi, 4.5 km NE Tentena, 01°44'S, 120°40'E, 800 m, 5-i-1995, leg Jan Haft; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sulawesi))

*Setodes akunchita* F Schmid, 1987 : OL (India)

*Setodes akutila* F Schmid, 1987 : OL (India)

*Setodes akutsita* F Schmid, 1987 : OL (India)

*Setodes alalus* ME Mosely, 1948 : AT (Occurring in WP according to H Malicky, 2005, *Linzer biol Beitr* 37(1): 588

Reported from Iran by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Democratic Republic of Yemen)

*Setodes alampata* F Schmid, 1987 : OL (Male redescribed, female described by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 3, 9, 154-155, 169, 173, f 159, 239

Reported from North Vietnam (Na Hang) and Included in the *Setodes tejasvin* Group by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1533 India)

*Setodes alexandros* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; MALAYSIA: Sabah, Sungai Segama, 60 m, 8-ix-1998, leg E Edwards; deposited in the H Malicky Collection, Lunz-am-See, Austria Malaysia (Sabah))

*Setodes alukcha* F Schmid, 1987 : OL (India)

*Setodes amazone* H Malicky, 2008 : OL (Male described originally in the *Setode thoneti* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Setodes amurensis* AV Martynov, 1935 (Russia (southern Far East))

*Setodes anatolicus* F Schmid, 1964 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Turkey)

*Setodes ancala* L Yang & JC Morse, 1989 : OL (China (Guangxi))

*Setodes anomalus* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, from Dominican Republic (Peravia, La Vega) Holotype--Male; DOMINICAN REPUBLIC: Peravia Province, 3 km SW La Nuez, tributary to Rio Las Cuevas, 18°40'N, 70°36'W, 1870 m, 5-6 August 1990, J Rawlins & S Thompson; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Dominican Republic)

*Setodes antardhana* F Schmid, 1987 : OL (India)

*Setodes aparimeya* F Schmid, 1987 : OL (India)

*Setodes apinchanga* F Schmid, 1987 : OL (India)

*Setodes apitayati* F Schmid, 1987 : OL (India)

*Setodes arenatus* RW Holzenthal, 1982 : NA (United States of America)

*Setodes argentatus* S Matsumura, 1907 : OL (*Setodes argentatus* S Matsumura, 1906, Cat injur Ins Jap p 24, is listed in Hydropsychidae with only host data (rice) and Japanese common names, so that the name is a nomen nudum in that publication (as noted by S Kuwayama, 1934) according to the International Code of Zoological Nomenclature, 1999, Article 12; the name was validated in 1907 with a simple description

Female described by L Yang and JC Morse, 2000, Mem Amer Ent Inst 64: 2, 10, 149, 156-157, 169, 174, f 240

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

Syn.: *Setodes appendiculatus* AV Martynov, 1933

Syn.: *Setodes iris* S Matsumura, 1927

Syn.: *Setodes turbatus* L Navas, 1933

Syn.: *Setodes uenoi* M Tsuda, 1942

*Setodes argentiferus* R McLachlan, 1871 : OL (Reported from eastern and southern Nepal by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1542

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Setodes argentiguttatus* AE Gordon & F Schmid, 1987 : OL (Male re-illustrated, assigned to the *Setodes argentiguttatus* Group, reported from additional localities in northern Thailand by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1540, pl 8 Thailand)

*Setodes argentipunctellus* R McLachlan, 1877 (Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Larval anal prolegs illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 133

Annotated additional record from Bavaria, Germany, by A Weinzierl, 1999, Lauterbornia 36: 9-12

Degree of intolerance score (DIS) of 5.60 reported from eastern Spain by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Environmental Pollution* 132: 509-521

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, *Freshwater Biology* 50: 781-797

Description of larva, diagnosis versus *Setodes punctatus* and *Setodes viridis*, distribution, and habitat provided by G Coppa & H Tachet, 2007 ("2005"), *Ephemera* 7(2): 63-84 Britain, Ireland)

*Setodes argentivarius* DE Kimmins, 1963 : OL (Myanmar)

*Setodes argentoaureus* G Ulmer, 1915 : OL (Sri Lanka)

*Setodes asadharana* F Schmid, 1987 : OL (India)

*Setodes asammuaddha* F Schmid, 1987 : OL (India)

*Setodes atiguna* F Schmid, 1987 : OL (India)

*Setodes atiloma* F Schmid, 1987 : OL (India)

*Setodes atipunya* F Schmid, 1987 : OL (India)

*Setodes atisubhaga* F Schmid, 1987 : OL (India)

*Setodes atitejas* F Schmid, 1987 : OL (India)

*Setodes atymanjula* F Schmid, 1987 : OL (India)

*Setodes atyutkata* F Schmid, 1987 : OL (India)

*Setodes aureomicans* F Schmid, 1987 : OL (Philippines)

*Setodes aureonitens* F Schmid, 1987 : OL (Philippines)

*Setodes baccatus* DE Kimmins, 1957 : AT (Uganda)

*Setodes barnardi* KMF Scott, 1961 : AT (Republic of South Africa)

*Setodes bhimachringa* F Schmid, 1987 : OL (India)

*Setodes bispinus* L Yang & JC Morse, 1989 : OL (Female described by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 9, 152-154, 170, 173, f 237

Male re-illustrated, assigned to the *Setodes argentiguttatus* Group, reported from northern Vietnam (Na Hang) by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1540, pl 8 China (Jiangxi)

*Setodes bracteatus* A Neboiss, 1982 : AU (Australia)

*Setodes brevicaudatus* L Yang & JC Morse, 1989 : OL (Male redescribed, reported from China (Sichuan), Thailand, Laos, Vietnam by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1555, pl 24 China (Sichuan))

*Setodes bulgaricus* K Kumanski et H Malicky, 1976 (Described originally as a subspecies of *Setodes viridis* AF Fourcroy

A distinct species according to F Schmid, 1987, *Bull Inst r Sci Natr Belgique (Ent)* 57 Suppl: XX?, K Kumanski, 1993, *Hist Natur Bulg* 4: 45, and H Malicky, 2005, *Linzer biol Beitr* 37(1): 588

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Bulgaria)

*Setodes carinatus* L Yang & JC Morse, 1989 : OL (China (Guizhou))

*Setodes chandrakita* F Schmid, 1987 : OL (India)

*Setodes chandravarna* F Schmid, 1987 : OL (India)

*Setodes cheni* L Yang & JC Morse, 2000 : OL (Male re-illustrated, assigned to the *Setodes cheni* Group, reported from northern and central Laos by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1543, pl 12 China (Fujian))

*Setodes chipolanus* AK Rasmussen & SC Harris, 2008 : NA (Male and female described originally near *Setodes dixiensis* Holotype--Male; UNITED STATES OF AMERICA: Florida, Calhoun County, Chipola River @ Hwy 274 bridge, 18 May 1994, M Pescador, W Flowers, S Harris; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Setodes chlorinus* L Yang & JC Morse, 1997 : OL (China (Sichuan))

*Setodes chrysoplitis* W Mey, 1998 : OL (Philippines (Mindanao))

*Setodes chubhamyu* F Schmid, 1987 : OL (India)

*Setodes crossotus* AV Martynov, 1935 (Russia (southern Far East))

*Setodes curvisetus* M Kobayashi, 1959 (Japan)

*Setodes dantavarna* F Schmid, 1987 : OL (India)  
*Setodes dehensurae* F Cakin & H Malicky, 1983 (Turkey)  
*Setodes dhanavridha* F Schmid, 1987 : OL (India)  
*Setodes dhanika* F Schmid, 1987 : OL (India)  
*Setodes dissobolus* W Mey, 1998 : OL (Philippines (Mindanao))  
*Setodes distinctus* L Yang & JC Morse, 1989 : OL (China (Guangdong))  
*Setodes diversus* L Yang & JC Morse, 1989 : OL (China (Fujian))  
*Setodes divyarupa* F Schmid, 1987 : OL (India)  
*Setodes dixiensis* RW Holzenthal, 1982 : NA (United States of America)  
*Setodes drangianicus* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 255  
Iran)

*Setodes dundoensis* G Marlier, 1965 : AT (Angola)  
*Setodes dvizakhana* J Olah & H Malicky, 2011 : OL (Male described originally near the *Setodes viridis* Group, *Setodes parisamchuddha* Group, *Setodes chandrakita* Group, *Setodes anomalus* OS Flint & J Sykora, *Setodes laios* H Malicky & JP O'Connor, and *Setodes kyklope* H Malicky Holotype--Male; INDONESIA: Sumatra, Way Kambas National Park, 04°05'S, 105°49'E, 22-vi-2009, light trap, Zoltan Ecsedi; deposited in the J Olah Collection, Debrecen, Hungary Indonesia (Sumatra))

*Setodes egregius* W Mey, 1998 : OL (Male described originally Holotype--Male; Philippines: Palawan, Cayasan, Babuyan River, 5-6-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Palawan))

*Setodes ekachringa* F Schmid, 1987 : OL (India)

*Setodes ekapita* F Schmid, 1987 : OL (India)

*Setodes endymion* H Malicky & P Chantaramongkol, 2000 : OL (Male redescribed, reported from additional localities in Thailand by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1555, pl 24 Thailand)

*Setodes epicampes* SW Edwards, 1956 : NA (United States of America)

*Setodes er* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally Holotype--Male; BHUTAN: Prov Paro, Gedu, 2100 m, 28-vii-3-viii-1990; deposited in the H Malicky Collection, Lunz-am-See, Austria Bhutan)

*Setodes eumenide* H Malicky, 2008 : OL (Male described originally in the *Setode akrura* Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 13-vi-2000, B0310PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Setodes excisus* DE Kimmins, 1956 : AT (Uganda)

*Setodes exposita* DE Kimmins, 1963 : OL (Myanmar)

*Setodes fabrienneae* FM Gibon & D Randriamasimanana, 2001 : AT (Holotype--XXX?; MADAGASCAR, Mangoky River basin, Menamaty River, Ranohira area Madagascar)

*Setodes falcatus* G Ulmer, 1930 : OL (Philippines)

*Setodes flagellatus* DG Gibbs, 1973 : AT (Ghana)

*Setodes flavipennis* N Banks, 1937 : OL (Philippines)

*Setodes flexus* W Mey, 2006 : OL (Male described originally near *Setodes venustus* G Ulmer Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-x-2005, leg W Mey; deposited in the Indonesian Institute of Sciences, Bogor, Indonesia Indonesia (Sulawesi))

*Setodes fluvialis* DE Kimmins, 1963 : OL (Reported from Bhutan by F Schmid, 1975, Entomol Basiliensia 1: 77-86

Male redescribed, reported from Burma, India (Teri Garhwal, Assam, Bombay, Kerala, Mysore), China (Yunyang, Sichuan), Nepal, Pakistan, Thailand by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1560, pl 27

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Myanmar)

*Setodes fluviovivens* W Mey, 1989 : OL (Cambodia)

*Setodes forcipatus* DE Kimmins, 1963 : OL (Myanmar)

*Setodes fragilis* J Olah, 1985 : OL (Bhutan)

*Setodes furcatulus* AV Martynov, 1935 (Russia (southern Far East))

*Setodes furcatus* L Navas, 1932 : OL (India)  
*Setodes gangaja* AE Gordon & F Schmid, 1987 : OL (Male re-illustrated, reported from additional locations in Thailand as *Setodes gangaya* by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1560, pl 27 Thailand)  
*Setodes gaurichachringa* F Schmid, 1987 : OL (India)  
*Setodes geminispinus* L Yang & JC Morse, 2000 : OL (China (Fujian))  
*Setodes gherni* F Schmid, 1987 : OL (India)  
*Setodes gona* ME Mosely, 1939 : AT (Kenya)  
*Setodes guptapara* H Malicky, 1979 : OL (India (Andaman Islands))  
*Setodes gutika* F Schmid, 1987 : OL (India)  
*Setodes gutivridha* F Schmid, 1987 : OL (India)  
*Setodes guttatus* (N Banks, 1900) : NA (Almost certainly does not occur in Minnesota according to DC Houghton & RW Holzenthal, 2004, Great Lakes Entomol 36(1): 35-40 United States of America)  
*Oecetina guttatus* N Banks, 1900  
*Setodes gyrosus* L Yang & JC Morse, 2000 : OL (China (Yunnan))  
*Setodes hadoram* H Malicky, 2009 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes hainanensis* L Yang & JC Morse, *Setodes okyrrhoe* H Malicky & P Chantaramongkol, *Setodes omphale* H Malicky & P Chantaramongkol, and *Setodes opheltes* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Dac Lac, Yok Don National Park, Headquarters, ca 2 km SE Ban Don, 12°53'N, 107°48'E, 31-v-1997, leg A Guidotti & DC Currie; 974019; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)  
*Setodes hainanensis* L Yang & JC Morse, 1989 : OL (China (Hainan Island))  
*Setodes hamadryas* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Sindupalchok, Hanri Khola bei Dhap, 1200 m, 27°54'N, 085°38'E, 30-vii-1996, leg G Karki; deposited in the H Malicky Collection, Lunz-am-See, Austria Nepal)

*Setodes harar* H Malicky, 2009 : OL (Male described originally in the *Setodes uncinatus* Group near *Setodes uncinatus* G Ulmer, *Setodes melanippos* H Malicky & Thamsenanupap, *Setodes wortagi* H Malicky & P Chantaramongkol, and *Setodes larva* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Dac Lac, Yok Don National Park, Headquarters, 2 km SE Ban Don, 12°53'N, 107°48'E, 31-v-1997, leg A Guidotti & DC Currie; 974019; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Setodes hekatocheiros* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; THAILAND: Mae Hong Son Prov, Ban Huai Hia, 1100 m, 19°39'N, 098°14'E, 15-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes herakleidos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; LAOS: Luang Prabang Prov, Muang Ngoy, 500 m, 20°43'N, 102°41'E, 22-iv-1999, leg C Holzschuh; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes hermaphroditos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally Holotype--Male; THAILAND: Doi Suthep, 1000 m, 18°49'N, 098°55'E, 30-iv-1996, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes hermes* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; VIETNAM: Nam Cat Tien, 200 m, 11°26'N, 107°26'E, 17-25-vi-1995, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes heryae* D Randriamasimanana & FM Gibon, 2001 : AT (Holotype--XXX?; MADAGASCAR, Fiherenana River basin, Voandelaka Madagascar)

*Setodes himaruna* F Schmid, 1987 : OL (India)

*Setodes hinumaensis* N Katsuma, 2009 (Male and female described originally near *Setodes ujiensis* (I Akagi) Holotype--Male; JAPAN: Hinuma-gawa, Minami-koizumi, Kasama-shi (E140°17'18", N36°20'06"), Ibaraki, 7-vii-2008, N Katsuma; deposited in the National Institute for Agro-Environmental Sciences, Tsukuba, Japan Japan)

*Setodes holocercus* L Navas, 1923 (Spain)

*Setodes horatius* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the

*Setodes thoneti* Group Holotype--Male; LAOS: 20 km NW Luang Namtha, 900-1000 m, 21°09'N, 101°18'E, 5-30-v-1997, leg C Holzschuh; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes hungaricus* G Ulmer, 1908 (Hungary)

*Setodes hylas* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; THAILAND: Wangtakrai, 14°20'N, 101°20'E, 31-iii-1989, leg Malicky & Wanleelag; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes ifugella* W Mey, 1995 : OL (Philippines)

*Setodes incertus* (F Walker, 1852) : NA (Canada)

*Leptocerus incertus* F Walker, 1852

Syn.: *Setodes autumnalis* N Banks, 1907

Syn.: *Setodes vernalis* N Banks, 1907

*Setodes iolaos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Setodes kerkopos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Nam Nao National Park, Headquarters, 800 m, 16°44'N, 101°34'E, 16-17-iv-1996, leg H Malicky & P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes iris* HA Hagen, 1858 : OL (Sri Lanka)

*Setodes ischys* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes cheni* Group Holotype--Male; LAOS: Kham Muan prov, Ban Khun Ngeun, 200 m, 18°07'N, 104°29'E, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes isis* H Malicky & J Nawvong, 2006 : OL (Male described originally in the *Setodes cheni* Group near *Setodes ischys* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Chiangmai Zoo Lichtfalle, 400 m, 18°49'N, 98°57'E, 22-29-v-1989, leg P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes iulus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; THAILAND: Kanchanaburi Prov, Ban Ipo, 800 m, 14°40'N, 98°23'E, 21-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes iuppiter* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; THAILAND: Mae Hong Son Prov, Muang Pai Resort by Pai, 19°23'N, 98°24'E, 800 m, 3-16-v-2005, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes jatisampanna* F Schmid, 1987 : OL (India)

*Setodes kabeiros* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Setodes tarpaka* AE Gordon & F Schmid Holotype--Male; THAILAND: Tam Nam Lod, 23-xii-1989, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes kadrava* F Schmid, 1987 : OL (Reported from India (Himachal Pradesh), Pakistan (Prov Seat), Nepal, and Included in the *Setodes tejasvin* Group by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1533

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Setodes kalyana* F Schmid, 1987 : OL (India)

*Setodes kantyamrita* F Schmid, 1987 : OL (India)

*Setodes kapchajalaja* F Schmid, 1987 : OL (India)

*Setodes karnyi* G Ulmer, 1930 : OL (Male re-illustrated, assigned to the *Setodes argentiguttatus* Group, reported also from additional localities in Indonesia (northern Sumatra, Bali) by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1541, pl 9

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Setodes kassiopeia* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group Holotype--Male; THAILAND: Doi Suthep, Montatan Waterfall, 550 m, 18°49'N, 98°55'E, 8-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes kerkopos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally Holotype--Male; THAILAND: Hae Hong Son Prov, Muang Pai Resort, 700 m, 19°23'N, 98°24'E, 7-23-x-2003, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See,

**Austria Thailand)**

*Setodes khechara* F Schmid, 1987 : OL (India)

*Setodes kimminsi* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Setodes klakahanus* G Ulmer, 1951 : OL (

Male redescribed, reported from Indonesia (Java), as *Setodes klakahana*, by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1556, pl 25 Indonesia (Java))

*Setodes kleio* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near Setoes kerkopos H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Hae Hong Son Prov, Oberlauf des Huai Mae Ya bei Doi Mae Ya, 1200 m, 19°14'N, 098°35'E, 13-v-2005, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes korybante* H Malicky, 2008 : OL (Male described originally near Setode leto H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 13-vi-2000, B0531PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Setodes kteatos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes abhirakta Group Holotype--Male; INDONESIA: Sulawesi, Lore Lindu National Park, Umgebung von Kamarora, 700-900 m, 01°12'S, 120°08'E, 19-29-xii-1994, leg J Haft; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sulawesi))

*Setodes kuehbandneri* H Malicky, 1987 (Turkey)

*Setodes kugleri* L Botosaneanu & A Gasith, 1971 (Israel)

*Setodes kumara* F Schmid, 1987 : OL (India)

*Setodes kuretos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes thoneti Group Holotype--Male; THAILAND: Mae Hong Son Prov, Huai Pang Paek (14 km NW of Pai), 1200 m, 19°26'N, 098°20'E, 23-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes kybele* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes thoneti Group Holotype--Male; MALAYSIA: Hulu, Perak, Belum Expedition, base camp, 250 m, 05°30'N, 101°26'E, 3-13-ic-1994, leg I Sivec; deposited in the H Malicky Collection, Lunz-am-See, Austria Malaysia (Peninsular))

*Setodes kyklope* H Malicky, 2008 : OL (Male described originally in the Setode akrura Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 31-iii-2001, B1323PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))

*Setodes kypris* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes thoneti Group Holotype--Male; TAIWAN: Nantou Co, Shihtenton, 660 m, 24°00'N, 131°02'E, 2-v-1996, leg I Sivec; deposited in the H Malicky Collection, Lunz-am-See, Austria Taiwan)

*Setodes kythereia* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes thoneti Group Holotype--Male; BRUNEI: Temburong, 26-30-iv-1989, leg M Allen; deposited in the H Malicky Collection, Lunz-am-See, Austria Brunei)

*Setodes laertes* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes dhanavridha Group

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Indrawathi Khola above Melamchi Pul Basar, 850 m, 27°59'N, 085°35'E, 15-iv-1995, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Nepal)

*Setodes lailaps* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the Setodes dhanavridha Group Holotype--Male; THAILAND: Doi Inthanon, 2000 m, 18°34'N, 098°29'E, 8-iv-1989, leg M Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes laios* H Malicky & JP O'Connor, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; INDONESIA: Sulawesi, Kotamobagu, Torant Base Camp, 27-x-1985, leg G Zimmermann; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sulawesi))

*Setodes laistrygone* H Malicky, 2008 : OL (Male described originally in the Setode thoneti Group Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian



Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 15-vi-2000, B0510PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Setodes lamellatus* L Yang & JC Morse, 2000 : OL (China (Sichuan))  
*Setodes larentia* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: East Java, vicinity of Malang, Trawas, 800 m, 07°40'N, 112°35'E, 21-iv--1-v-2003, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Java))

*Setodes larva* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes uncinatus* Group Holotype--Male; LAOS: Luang Prabang Prov, Muang Ngoy, 500 m, 20°43'N, 102°41'E, 22-iv-1999, leg C Holzschuh; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes latinus* H Malicky & A Nuntakwang, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; THAILAND: Kanchanaburi Prov, Ban Anongraksa, 200 m, 14°39'N, 098°35'E, 18-19-iv-2001, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes lausus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sarapis* Group Holotype--Male; South LAOS: Salavan Prov, Tad Lo Waterfall & Resort, between Muang Lao Ngam and Salavan, 370 m, 15°20'N, 106°15'E, 29-xii-1996, leg P Schwendinger; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes leandros* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; THAILAND: Ranong Prov, Klong Nakha Wildlife Sanctuary, 30 m, 29-i-191, leg P Schwendinger; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes leto* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; THAILAND: Ban Ko Muang (13 km W Hat Yai), 06°59'N, 100°22'E, 10-v-1993, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes leucocephalus* W Mey, 2006 : OL (Male described originally near *Setodes bhimachringa* F Schmid Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-x-2005, at light, leg W Mey; deposited in the Indonesian Institute of Sciences, Bogor, Indonesia Indonesia (Sulawesi))

*Setodes leukothea* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; LAOS: Kham Muan Prov, Ban Khun Ngeun, 18°07'N, 104°29'E, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes libera* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sarapis* Group Holotype--Male; THAILAND: Mae Hong Son Prov, Huai Mae Sa (17 km S Pai), 500 m, 19°12'N, 098°26'E, 17-x-2003, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes likymnios* H Malicky & A Nuntakwang, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; THAILAND: Chiang Dao Wildlife Research Station, 500 m, 19°22'N, 098°55'E, 12-20-v-2004, leg Sivec & Horvat; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes lineatus* N Banks, 1913 : OL (Reported from India (Assam, Bengal, Madhya Pradesh, Mysore) and Nepal by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1547 India)

Syn.: *Setodes unispinus* AV Martynov, 1936

*Setodes longicaudatus* L Yang & JC Morse, 1989 : OL (China (Fujian))

*Setodes lupercus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; THAILAND: Lampang Prov, Jaeson National Park, Nam Mae Mon, 18°45'N, 099°28'E, 10-11-i-1997, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes tykaon* H Malicky, 2004 : OL (Male described originally near *Setodes bispinus* L Yang & JC Morse Holotype--Male; NEPAL: Ufer des Babai Nadi beim Lager 1, 25-ii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Setodes madagasca* D Randriamasimanana & FM Gibon, 2001 : AT (Holotype--XXX?;

**MADAGASCAR, Andranomaitso, River Vintanona Madagascar)**

*Setodes madhuvarna* F Schmid, 1987 : OL (India)

*Setodes mahabichu* F Schmid, 1987 : OL (Male redescribed, reported from India (Cachar, Manipur, Lushai Hills) and Thailand by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1554, pl 22 India)

*Setodes manimekhala* F Schmid, 1987 : OL (India)

*Setodes manivridha* F Schmid, 1987 : OL (India)

*Setodes mauktikavridha* F Schmid, 1987 : OL (India)

*Setodes medusa* H Malicky & S Sompong, 2006 : OL (Male described originally as an isolated species Holotype--Male; THAILAND: Mai Hong Son Prov, Mo Paeng Waterfall, 900 m, 19°23'N, 098°24'E, 11-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes mefitis* H Malicky & P Thamsenanupap, 2006 : OL (Male described originally in the *Setodes abhirakta* Group Holotype--Male; THAILAND: Doi Inthanon National Park, Mae Klang bei Ban Sob Aeb, 540 m, 18°32'N, 098°36'E, 11-iv-1989, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes megaira* H Malicky & S Cheunbarn, 2006 : OL (Male described originally in the *Setodes abhirakta* Group Holotype--Male; THAILAND: Doi Angkang, 1500 m, 19°55'N, 099°03'E, 20-v-1986, leg ?; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes meghavarna* F Schmid, 1987 : OL (India)

*Setodes melampus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; VIETNAM: 160 km NWW of Hanoi, NE of Na Hang, 26-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes melanippos* H Malicky & P Thamsenanupap, 2006 : OL (Male described originally in the *Setodes uncinatus* Group Holotype--Male; THAILAND: Pai, 600 m, 30-31-iii-1997, leg Stengel; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes melpomene* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sternalis* Group Holotype--Male; THAILAND: Mae Hong Son Prov, Namtok Mae Surin National Park, Mae Nam Pai, 310 m, 19°21'N, 097°59'E, 19-iii-2002, leg P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes memnon* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sternalis* Group near *Setodes menelaos* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: 160 km NWW Hanoi, NE Na Hang, 26-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes menelaos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sternalis* Group)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: North Sumatra, Huta Padang, 200 m, 02°47'N, 099°14'E, 8-ii-1991, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sumatra)

*Setodes menestratos* H Malicky & P Thamsenanupap, 2006 : OL (Male described originally in the *Setodes menoikeus* Group Holotype--Male; THAILAND: Doi Inthanon, Nebenbach des Mae Klang bei 900 m, 10-iv-1989, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes menoikeus* H Malicky & S Cheunbarn, 2006 : OL (Male described originally in the *Setodes menoikeus* Group Holotype--Male; THAILAND: Doi Inthanon, Mae Klang bei Ban Sob Aeb, 540 m, 18°32'N, 098°36'E, 11-iv-1989, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes mercurius* H Malicky & P Bunlue, 2006 : OL (Male described originally in the *Setodes menoikeus* Group near *Setodes menestratos* H Malicky & P Thamsenanupap Holotype--Male; THAILAND: Mae Hong Son prov, Huai Mae Sa (17 km S von Pai), 500 m, 19°12'N, 098°26'E, 21-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes meriones* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes menoikeus* Group near *Setodes menoikeus* H Malicky & S Cheunbarn Holotype--Male; LAOS: Phongsol, 14-16-v-1996, leg CF Lee; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes metis* H Malicky & D Thapanya, 2006 : OL (Male described originally in the *Setodes*

metis Group Holotype--Male; THAILAND: Doi Angkang, 1450 m, 19°55'N, 099°55'E, 22-iv-1987, leg P Schwendinger; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes miloi* FM Gibon, 1986 : AT (Guinea)

*Setodes minotauros* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes metis* Group Holotype--Male; LAOS: Kham Muan prov, Ban Khun Ngeun, 200 m, 18°07'N, 104°29'E, 24-29-iv-2001, leg P Pacholatko; deposited in the H Malicky Collection, Lunz-am-See, Austria Laos)

*Setodes minutus* M Tsuda, 1942 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

*Setodes mixoparthenos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes metis* Group Holotype--Male; VIETNAM: 160 km NWW Hanoi, NE Na Hang, 15-2-- m, 26-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes molossos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; MALAYSIA: Sabah, Sungai Segama, 60 m, Danum Valley, 8-ix-1998, leg E Edwards; deposited in the H Malicky Collection, Lunz-am-See, Austria Malaysia (Sabah))

*Setodes monicae* F Schmid, 1987 : OL (India)

*Setodes mopsos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X Holotype--Male; BRUNEI: Temburong, Batu Apoi Belalong Field Res C, 300 m, 2-8-v-1996, leg E Heiss; deposited in the H Malicky Collection, Lunz-am-See, Austria Brunei)

*Setodes muglaensis* F Sipahiler, 1989 (Turkey)

*Setodes musagetes* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes nauplios* Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra ["Sumatera"] Utara, Sitahoan, 1350 m, 02°40'N, 099°05'E, 17-ii-1991, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sumatra))

*Setodes myrtilos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally among species with an extended segment X

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tele, 3-vi-1990, leg E Diehl; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sumatra))

*Setodes nagarjouna* F Schmid, 1961 : OL (Reported from additional localities in Pakistan and from India (Himachal Pradesh) and Nepal by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1547

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Pakistan)

*Setodes nagarjouna assamicus* F Schmid, 1987 (

~nagarjouna F Schmid, 1961, Tijdschr Ent 104: 202-203, pl 17 f 14, pl 18 f 1-2)

*Setodes nauplios* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes nauplios* Group Holotype--Male; INDONESIA: Jawa Timur, Umgebung von Malang, S von Pacet, 1400 m, 07°44'S, 112°32'E, 27-iv-2003, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Java Timor))

*Setodes nausikaa* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes abhirakta* Group

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Sitahoan, 1350 m, 02°40'S, 099°05'E, 1-iii-1994, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sumatra))

*Setodes nausithoos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes akrura* Group near *Setodes akrura*)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, 03°07'N, 099°11'E, 28-iii--6-v-1976, leg E Diehl; deposited in the H Malicky Collection, Lunz-am-See, Austria Indonesia (Sumatra)

*Setodes navanita* F Schmid, 1987 : OL (India)

*Setodes neleus* H Malicky & P Chantaramongkol, 2006 : OL (Described originally in the *Setodes akrura* Group near *Setodes akrura*)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Tonduhan Wasserfall, 300 m, 02°48'N, 099°11'E, 8-iii-1994, leg H Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra)

*Setodes nemesis* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group Holotype--Male; THAILAND: Mae Hong Son prov, Huai Pang Paek, 1200 m, 19°26'N, 098°26'E, 23-iv-2000, leg Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes neoptemos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes abhirakta* Group Holotype--Male; VIETNAM: 160 km NWW Hanoi, NE von Na Hang, 150-200 m, 26-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes nephele* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sternalis* Group Holotype--Male; VIETNAM: 160 km NWW Hanoi, NE Na Hang, 150-200 m, 26-v--14-6-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes neptunus* H Malicky & N Sangpradub, 2006 : OL (Male described originally in the *Setodes nauplios* Group near *Setodes orcus* H Malicky & N Sangpradub Holotype--Male; THAILAND: Kao Soi Dao National Park, 300-400 m, 13°06'N, 102°12'E, 22-iv-1996, leg H Malicky and P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes nereusos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes apinchanga* F Schmid Holotype--Male; THAILAND: Kanchanaburi prov, Ban Ipo, 800 m, 14°40'N, 098°23'E, 21-iv-2001, leg Malicky and Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes nigroochraceus* ME Mosely, 1951 : OL (Male redescribed, assigned to the *Setodes nauplios* Group, and reported from Brunei by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1543, pl 15 Malaysia (Sarawak))

*Setodes niobe* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes abhirakta* Group and vaguely resembling *Setodes abhirakta* F Schmid Holotype--Male; THAILAND: Tung Salaeng National Park, 600 m, 16°49'N, 100°57'E, 15-iv-1996, leg H Malicky & P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes nirmala* F Schmid, 1987 : OL (India)

*Setodes nisos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes apinchanga* F Schmid Holotype--Male; THAILAND: Mae Hong Son prov, Mo Paeng Waterfall, 900 m, 19°23'N, 098°24'E, 11-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes niveogrammicus* F Schmid, 1987 : AU (Papua New Guinea)

*Setodes niveolineatus* DE Kimmins, 1962 : AU (Papua New Guinea)

*Setodes njala* DE Kimmins, 1962 : AT (Sierra Leone)

*Setodes numa* H Malicky & T Prommi, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes nisos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Mae Hong Son prov, Oberlauf des Huai Mae Ya beim Doi Mae Ya, 1200 m, 19°14'N, 098°35'E, 13-v-2005, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes nyktimene* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes numa* H Malicky & T Prommi Holotype--Male; THAILAND: Tham Than Lod National Park, oberhalb der Hoehle, 500 m, 14°46'N, 099°20'E, 5-iv-1989, leg Malicky and Wanleelag; deposited in the H Malicky Collection, Lunz-am-See,

Austria Thailand)

*Setodes nyuna* F Schmid, 1987 : OL (India)

*Setodes obscurus* F Schmid & IM Levanidova, 1986 (Russia (central Siberia))

*Setodes oineus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes oineus* Group Holotype--Male; THAILAND: Mae Hong Son prov, Mo Paend Wasserfall, 900 m, 19°23'N, 098°24'E, 11-iv-2000, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes oinomaos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes oineus* Group Holotype--Male; THAILAND: Nan prov, Doi Puka National Park, Namtok Ton Tong, 900 m, 19°12'N, 101°04'E, 12-13-iii-2002, leg G Courtney; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes okeanos* H Malicky & P Thamsenanupap, 2006 : OL (Male described originally in the *Setodes oineus* Group near *Setodes oineus* H Malicky & P Chantaramongkol and *Setodes oinomaos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Doi Inthanon, 1600 m, 18°31'N, 098°31'E, 25-iii-1992, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes okypete* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes nemesis* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Mae Hong Son prov, Mae Nam Pai, 11 km S von Pai, 430 m, 19°15'N, 098°27'E, 22-x-2003, leg Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes okyrrhoe* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes argentiguttatus* AE Gordon & F Schmid

Intersex illustrated, additional Thai records reported by H Malicky & T Prommi, 2006, Linzer biol Beitr 38(2): 1598, pl 8 Holotype--Male; THAILAND: Surat Thani prov, Klong Saeng Wildlife Sanctuary, Chiew Larn dam, 09°00'N, 098°49'E, leg L Lebel; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes oligius* (HH Ross, 1938) : NA (United States of America)

*Leptocerus oligius* HH Ross, 1938

*Setodes omphale* H Malicky & N Changthong, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group Holotype--Male; THAILAND: Pu Pan National Park, Kaengmoddaeng, 400 m, 16°54'N, 103°52'E, 18-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes opheltes* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes argentiguttatus* Group near *Setodes argentiguttatus* AE Gordon & F Schmid Holotype--Male; THAILAND: Tham Than Lod National Park, 500 m, 14°46'N, 099°20'E, 5-iv-1989, leg Malicky & Wanleelag; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes opora* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes akrura* Group near *Setodes akrura* Holotype--Male; THAILAND: Tramot, 100 m, 07°15'N, 100°02'E, 20-29-iv-1993, leg Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes orcus* H Malicky & N Sangpradub, 2006 : OL (Male described originally in the *Setodes nauplios* Group Holotype--Male; THAILAND: Putoei National Park, Ban Huai Hindam, 400 m, 14°56'N, 099°25'E, 25-iv-2001, leg H Malicky and P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes orestes* H Malicky & Cheunbarn, 2006 : OL (Male described originally in the *Setodes akrura* Group near *Setodes akrura* Holotype--Male; THAILAND: Mae Hong Son prov, Muang Pai Resort, 800 m, 19°23'N, 098°24'E, 7-23--10--2003, leg H Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes orientalis* D Randriamasimanana & FM Gibon, 2001 : AT (Holotype--XXX?;

MADAGASCAR, Ivoloina River, Sarahimbola Madagascar)

*Setodes orthocladus* L Yang & JC Morse, 2000 : OL (China (Anhui))

*Setodes oxapius* (HH Ross, 1938) : NA (United States of America)

*Leptocerus oxapius* HH Ross, 1938

*Setodes paghbahani* W Mey, 1995 : OL (Philippines)

*Setodes pallidus* DE Kimmins, 1963 : AT (Ethiopia)

*Setodes pandara* F Schmid, 1987 : OL (Reported from Pakistan and Nepal by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1542 India)

*Setodes pantangulil* J Olah & H Malicky, 2010 : OL (Male described originally near *Setodes*

*musagetes* H Malicky & P Chantaramongkol Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, Tapan Road, 1000 m, 10-vii-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Setodes papuanus* DE Kimmins, 1962 : AU (Papua New Guinea)

*Setodes paribhuchita* F Schmid, 1987 : OL (India)

*Setodes parichkrita* F Schmid, 1987 : OL (India)

*Setodes parilaghu* F Schmid, 1987 : OL (India)

*Setodes parisamchuddha* F Schmid, 1987 : OL (India)

*Setodes pellucidulus* F Schmid, 1987 : OL (China (Hainan))

*Setodes peniculus* L Yang & JC Morse, 2000 : OL (China (Hubei))

*Setodes periklymenos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes akrura* Group near *Setodes akrura* Holotype--Male; THAILAND: Pu Pan National Park, Kaengmoddaeng, 400 m, 16°54'N, 103°52'E, 18-4-1996, leg H Malicky & P Chantaramongkol; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)

*Setodes platecladus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes prabhatajalaja* F Schmid, 1987 : OL (India)

*Setodes pratachandradynti* F Schmid, 1987 : OL (India)

*Setodes priyadarcha* F Schmid, 1987 : OL (

Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2 India)

*Setodes puchkaraja* F Schmid, 1987 : OL (India)

*Setodes pulcher* AV Martynov, 1910 (Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13 Russia (southern Far East))

*Setodes punctatus* (JC Fabricius, 1793) : PA (Recorded from Slovenia by G Urbanic, C Krusnik, & MJ Toman, 2000, Acta Entomol Slov 8(1): 43-48

Red-listed in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): ?

Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Rhein River near St Goarshausen in 1890 and 2004-2005 by W Mey, 2006, Lauterbornia 56: 155-167

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 255

Description of larva, diagnosis versus *Setodes viridis* and *Setodes argentipunctellus*, distribution, and habitat provided by G Coppa & H Tachet, 2007 ("2005"), Ephemera 7(2): 63-84

Reported from Siberia (Barnaul) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 France)

*Phryganea punctatus* JC Fabricius, 1793

Syn.: *Setodes hiera* F Kolenati, 1858

Syn.: *Setodes martini* L Navas, 1933

*Setodes puruchringa* F Schmid, 1987 : OL (India)

*Setodes quadratus* L Yang & JC Morse, 1989 : OL (China (Guizhou))

*Setodes reclinatus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes retinaculus* G Marlier, 1965 : AT (Angola)

*Setodes reynae* D Randriamasimanana & FM Gibon, 2001 : AT (Holotype--XXX?;

MADAGASCAR, Betsiboka River Basin, Ambohimanatrika, Kamoro River Madagascar)

*Setodes rinteleni* W Mey, 2006 : OL (Male described originally near *Setodes mahabichu* F Schmid

Male re-illustrated, reported from Indonesia (Sulawesi) by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1554, pl 22 Holotype--Male; INDONESIA: Sulawesi Selatan, Soroako, Lake Matano, at light, 11-x-2005, leg W Mey; deposited in the Indonesian Institute of Sciences, Bogor, Indonesia (Sulawesi))

*Setodes sachrika* F Schmid, 1987 : OL (India)

*Setodes sagaritis* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes chandrakita* Group)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Holotype--Male; NEPAL: 1 km S of Godaveri, 1700 m, 27-v-1999, leg G Karki; deposited in the H Malicky Collection, Lunz-am-See, Austria (Nepal)

*Setodes samphulla* F Schmid, 1987 : OL (India)

*Setodes samprabhinna* F Schmid, 1987 : OL (India)

*Setodes sarapis* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes sarapis* Group)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera 12: 175-179* Holotype--Male; THAILAND: Chiangmai Universitaet, Ang Kaew, 1-28-i-1998, leg Malicky; deposited in the H Malicky Collection, Lunz-am-See, Austria (Thailand)

*Setodes sarvapunya* F Schmid, 1987 : OL (India)

*Setodes satichaya* F Schmid, 1987 : OL (India)

*Setodes savibhrama* F Schmid, 1987 : OL (Reported from India (Assam) and western Nepal by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1558)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Setodes schmidi* L Yang & JC Morse, 1989 : OL (Reported from China (Zhejiang, Henan) and included in the *Setodes tejasvin* Group by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1533 China (Fujian))

*Setodes scleroideus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes shirasensis* M Kobayashi, 1984 (Japan)

*Setodes sinuatus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes spineus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes spinosellus* G Ulmer, 1930 : OL (Philippines)

*Setodes squamosus* ME Mosely, 1931 : AT (Republic of South Africa)

*Setodes stehri* (HH Ross, 1941) : NA (United States of America)

*Leptocerus stehri* HH Ross, 1941

*Setodes sternalis* AV Martynov, 1936 : OL (Reported from India (Rewa) and Nepal by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1548)

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Setodes subhachita* F Schmid, 1987 : OL (India)

*Setodes sucharu* F Schmid, 1987 : OL (India)

*Setodes sugdeni* H Malicky, 1986 (Saudi Arabia)

*Setodes supattra* F Schmid, 1987 : OL (India)

*Setodes sychaeus* H Malicky, 2007 : OL (Male described originally near *Setodes laertes* H Malicky & P Chantaramongkol and *Setodes lineatus* N Banks Holotype--Male; BHUTAN: Punakha, Mo Chhu, 27\*42'N, 89\*46'E, 1500 m, 25-iv-2006, Graf & Malicky; Lichtfallen; Groesserer Fluss in Waldland; deposited in NECS, Thimphu (Bhutan))

*Setodes sypharus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Setodes tarpaka* AE Gordon & F Schmid, 1987 : OL (Male redescribed, reported from northern Thailand and Laos by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1558, pl 25 Thailand)

*Setodes tcharurupa* F Schmid, 1987 : OL (Variable distribution of intersex discussed, male genitalia variations described by H Malicky & P Chantaramongkol, 2006, *Linzer Biologische Beitrage* 38(2): 1559-1560, pl 23 Thailand)

*Setodes tchaturdanta* F Schmid, 1987 : OL (India)

*Setodes tectorius* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Setodes tejasvin* F Schmid, 1987 : OL (Reported from China (Zhejiang, Henan) and Included in the *Setodes tejasvin* Group by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1533 India)  
*Setodes tenuifalcatus* AV Martynov, 1936 : OL (India)  
*Setodes terminalis* N Banks, 1920 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Borneo ?)  
*Setodes thoneti* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes thoneti* Group

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Holotype--Male; THAILAND: Wangtkrai, 14°20'N, 101°20'E, 31-iii-1989, leg Malicky & Wanleelag; deposited in the H Malicky Collection, Lunz-am-See, Austria Thailand)  
*Setodes tilakita* F Schmid, 1987 : OL (Reported from Nepal by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1542

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Setodes transvaalensis* (S Jacquemart, 1963) : AT (Republic of South Africa)

*Oecetis transvaalensis* S Jacquemart, 1963

*Setodes tridanta* F Schmid, 1987 : OL (India)

*Setodes trifidus* DE Kimmins, 1957 : AT (Kenya)

*Setodes trikantayudha* F Schmid, 1987 : OL (India)

*Setodes trikuthia* J Olah & H Malicky, 2010 : OL (Male described originally near *Setodes nausikaa* H Malicky & P Chantaramongkol

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, Tapan Road, 1000 m, 10-vii-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Setodes trilobatus* L Yang & JC Morse, 1989 (China (Shaanxi))

*Setodes uchita* F Schmid, 1987 : OL (India)

*Setodes uddharcha* F Schmid, 1987 : OL (India)

*Setodes udghona* F Schmid, 1987 : OL (India)

*Setodes ujiensis* (I Akagi, 1960) (Male redescribed and female described by T Nozaki & S Nakamura, 2005, Miscellaneous Reports of the Hiwa Museum for Natural History 45: 226, f 1a-d

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168 Japan)

*Trichosetodes ujiensis* I Akagi, 1960

*Setodes uncinatus* G Ulmer, 1913 : OL (Male re-illustrated, reported from Indonesia (Java, Sumatra) by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1550, pl 18

Listed from Indonesia (Sumatra), as *Setodes uncinata*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java))

*Setodes uranius* L Navas, 1916 (Spain)

Syn.: *Setodes dentatus* L Navas, 1916

*Setodes uttamavarna* F Schmid, 1987 : OL (India)

*Setodes varians* L Yang & JC Morse, 2000 : OL (China (Jiangxi))

*Setodes vartianorum* H Malicky, 1986 : OL (Afghanistan)

*Setodes venustus* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra), as *Setodes venusta*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Setodes vichitrita* F Schmid, 1987 : OL (India)

*Setodes viridellus* L Navas, 1932 : OL (India)

*Setodes viridis* (AF Fourcroy, 1785) : PA (Diagnostic characters of larva, annotated additional record for Bavaria, Germany, by A Weinzierl, 1999, Lauterbornia 36: 9-12

Reported from southwestern Siberia by MA Beketov and VD Ivanov, 2004, Braueria 31: 27



Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Description of larva, diagnosis versus *Setodes punctatus* and *Setodes argentipunctellus*, distribution, and habitat provided by G Coppa & H Tachet, 2007 ("2005"), *Ephemera* 7(2): 63-84 France)

*Phryganea viridis* AF Fourcroy, 1785

Syn.: *Setodes punctellus* P Rambur, 1842

*Setodes viridis bulgaricus* K Kumanski, 1976 (

~viridis (AF Fourcroy, 1785, Ent Paris p 356), Phryganea)

*Setodes viridis huliiothica* L Botosaneanu & A Gasith, 1971 (

~viridis (AF Fourcroy, 1785, Ent Paris p 356), Phryganea)

*Setodes viridis iranensis* L Botosaneanu & A Gasith, 1971 (~viridis (AF Fourcroy, 1785, Ent Paris p 356), Phryganea)

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168)

*Setodes vitanka* F Schmid, 1987 : OL (India)

*Setodes vratachakora* F Schmid, 1987 : OL (India)

*Setodes wirhal* J Olah & KA Johanson, 2010 : OL (Male described originally near *Setodes musagetes* H Malicky & P Chantaramongkol)

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, *Braueria* 38: 22 Holotype--Male; INDONESIA: Sumatra, Bukit Barisan Selatan National Park, Barisan Mts, Way Pitias, 800 m, 17-19-vi-2008, light trap [J Olah Jr]; in alcohol; deposited in the Janos Olah Private Collection under National Protection of the Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Setodes wortagi* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally in the *Setodes uncinatus* Group Holotype--Male; VIETNAM: 160 km NWW Hanoi, NE of Na Hang, 150-200 m, 29-v--14-vi-1996, leg A Napolov & I Roma; deposited in the H Malicky Collection, Lunz-am-See, Austria Vietnam)

*Setodes yatharupa* F Schmid, 1987 : OL (India)

*Setodes yunnanensis* L Yang & JC Morse, 1989 : OL (China (Yunnan))

*Setodes zerroukii* M Dakki, 1981 (Morocco)

*Silo* J Curtis, 1830

*Silo alupkensis* AV Martynov, 1917 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Ukraine)

*Silo christiammos* H Malicky, 1984 (Greece)

*Silo graellsii* E Pictet, 1865 (Spelled *Silo graellsii* originally and by F Brauer, 1876, *Festschr Zool Bot Ges*, p 283, and by F Klapalek, 1904, *Vestn Ceske Ak Cis Fr Jos Praze* 13: 720, 722, 728, but *Silo graellsii* by all other authors, including H Malicky, 2005, *Linzer Biologische Beitrage* 33(1): XX?

Reported from Czech Republic by V Stehno, 2000, *Lampetra* 4: 87-104

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120 Spain)

Syn.: *Lithax anceps* L Navas, 1918

Syn.: *Silo codinalis* L Navas, 1917

Syn.: *Silo pullaris* L Navas, 1916

Syn.: *Silo varipilosus* L Botosaneanu, 1953  
*Silo mediterraneus* R McLachlan, 1884 (Morphology of silk glands and silk weave described by MC Bicchierai & F Cianficconi, 2007, Proc Internatn Symp Trichoptera 12: 1-7)

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22

Midgut epithelial goblet cells absent according to C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 76 Italy (Sardinia)  
*Silo mediterraneus saturniae* GP Moretti, 1991 (~mediterraneus R McLachlan, 1884, Rev Syn Add Suppl p 23-24, pl 3 f 1-7)

Fine structure of egg envelope by MC Bicchierai & E Gaino, 2000, Ital J Zool (Modena) 67(2): 141-146

Original description certainly included characters, but the distinction from the nominotypical form is unclear according to H Malicky, 2005, Linzer biol Beitr 37(1): 563

Egg envelope (vitelline envelope and chorion) described by MC Bicchierai & E Gaino, 2005, Proc Internatn Symp Trichoptera 11: 55-62)

*Silo nigricornis* (FJ Pictet, 1834) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Switzerland)

*Trichostoma nigricornis* FJ Pictet, 1834

Syn.: *Goera dalmatina* F Kolenati, 1848

Syn.: *Silo fumipennis* R McLachlan, 1865

*Silo pallipes* (JC Fabricius, 1781) (Cited as senior synonym by FCJ Fischer 1967 Trich Cat 8: 43-53, also International Commission on Zoological Nomenclature Decision # ?)

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Reported from Poland by J Majecki & K Majecka, 2002, Acta Universitatis Lodziensis Folia Biologica et Oecologica 1: 113-121

Water mite *Hygrobatas callifer* Piers attached to case according to E Serafin & R Stryjecki, 2004, Braueria 31: 4

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Italy)

*Phryganea pallipes* JC Fabricius, 1781

Syn.: *Aspatherium fuscicorne*, 1848

Syn.: *Goera vulgata* JF Stephens, 1836

Syn.: *Limnophilus iridion*, 1857

Syn.: *Silo duplex* HA Hagen, 1964

Syn.: *Silo minutus* F Kolenati, 1848

Syn.: *Trichostoma picicorne* FJ Pictet, 1834

*Silo piceus* (F Brauer, 1857) (Phenology in Austria discussed by H Malicky, 2003, Silva Gabreta 9: 167-178)

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Austria)

*Aspatherium piceus* F Brauer, 1857

Syn.: *Aspatherium fuscicorne*

Syn.: *Aspatherium medium* LR Meyer-Duer, 1864

Syn.: *Aspatherium obtusus* HA Hagen, 1864

Syn.: *Ptilocolepus turbidus* J Dziedzielewicz, 1883

Syn.: *Silo vulgatus* HA Hagen, 1859

*Silo proximus* AV Martynov, 1913 (Reported from Iran, as *Silo proximum* AV Martynov, 1913, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Russia)

(Caucasus))

*Silo rufescens* (P Rambur, 1842) (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))

*Trichostoma rufescens* P Rambur, 1842

*Silo tuberculatus* AV Martynov, 1909 (Turkey)

*Silonella* FCJ Fischer, 1966

*Silonella aurata* (HA Hagen, 1864) (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Silo aurata* HA Hagen, 1864

*Silonella aurata brevipalpis* (F Vaillant, 1954) (Synonym of *Silonella aurata* HA Hagen according to H Malicky & A Lounaci, 1987, Opusc zool flumin 14: 10-12)

*Selis aurata brevipalpis* F Vaillant, 1954

*Silonella aurata ronda* F Sipahiler, 1992 (

~*aurata* (HA Hagen, 1864, Ann Soc ent France (4) 4: 43-44), *Silo*)

*Silvatares* L Navas, 1931

*Silvatares chitae* (M Stoltze, 1989) : AT (Tanzania)

*Dyschimus chitae* M Stoltze, 1989

*Silvatares collyrifer* (KH Barnard, 1934) : AT (Occurring in Salt River, South Africa, as *Dyschimus collyrifer*, according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Dyschimus collyrifer* KH Barnard, 1934

*Silvatares crassus* (M Stoltze, 1989) : AT (Tanzania)

*Dyschimus crassus* M Stoltze, 1989

*Silvatares ensifer* (KH Barnard, 1934) : AT (Occurring in Salt River, South Africa, as *Dischimus ensiger*, according to FC de Moor, 2007, Proceedings of the International Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Dyschimus ensifer* KH Barnard, 1934

*Silvatares excelsus* L Navas, 1931 : AT (Described originally in Calamoceratidae)

Male redescribed and genus and species transferred to Pisuliidae by AL Prather and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 231-234 Holotype--Male; Ruwenzori, zone des forets, Kichouchou (3,000 m); deposited in le Museum National d'Histoire Naturelle, Paris (AL Prather and RW Holzenthal, 2002, Proc Internatn Symp Trich 10: 231-234) Democratic Republic of the Congo)

*Silvatares furcifer* (G Marlier, 1953) : AT (Democratic Republic of the Congo)

*Dyschimus furcifer* G Marlier, 1953

*Silvatares longinquus* (DG Gibbs, 1973) : AT (Ghana)

*Dyschimus longinquus* DG Gibbs, 1973

*Silvatares madagascariensis* (M Stoltze, 1989) : AT (Malagasy Republic)

*Dyschimus madagascariensis* M Stoltze, 1989

*Silvatares ornithocephalus* (M Stoltze, 1989) : AT (Republic of South Africa)

*Dyschimus ornithocephalus* M Stoltze, 1989

*Silvatares thrymmifer* (KH Barnard, 1934) : AT (Republic of South Africa)

*Dyschimus thrymmifer* KH Barnard, 1934

*Sisko* HH Ross, 1956

*Sisko oregona* (DG Denning, 1966) : NA (United States of America)

*Sortosa oregona* DG Denning, 1966

*Sisko sisko* (HH Ross, 1949) : NA (United States of America)

*Wormaldia sisko* HH Ross, 1949

*Smicridea* R McLachlan, 1871

subgenus *Rhyacophylax* F Mueller, 1879

*Smicridea (Rhyacophylax) abrupta* OS Flint, 1974 : NT (Surinam)

*Smicridea (Rhyacophylax) acuminata* OS Flint, 1974 : NT (Costa Rica)

*Smicridea (Rhyacophylax) andicola* OS Flint, 1991 : NT (Colombia)

*Smicridea (Rhyacophylax) appendiculata* OS Flint, 1972 : NT (Argentina)

*Smicridea (Rhyacophylax) argentina* (L Navas, 1918) : NT (Argentina)

*Badullus argentina* L Navas, 1918

*Smicridea (Rhyacophylax) arizonensis* OS Flint, 1974 : NA (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, *Proc Internatn Symp Trichoptera* 12: 31-35

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Smicridea (Rhyacophylax) atrobasis* OS Flint, 1983 : NT (Male redescribed by JV Sganga & EB Angrisano, 2005, *Revista de la Sociedad Entomologica Argentina* 64(3): 131-139, figs Argentina)

*Smicridea (Rhyacophylax) aurra* OS Flint, 1991 : NT (Colombia)

*Smicridea (Rhyacophylax) bidactyla* OS Flint & L Reyes-Arrunategui, 1991 : NT (Ecuador)

*Smicridea (Rhyacophylax) bifurcata* OS Flint, 1974 : NT (Costa Rica)

*Smicridea (Rhyacophylax) biserrulata* OS Flint, 1991 : NT (Colombia)

*Smicridea (Rhyacophylax) brasiliiana* (G Ulmer, 1905) : NT (Brazil)

*Rhyacophylax brasiliiana* G Ulmer, 1905

*Smicridea (Rhyacophylax) caligata* OS Flint, 1974 : NT (Surinam)

*Smicridea (Rhyacophylax) chicoana* OS Flint, 1983 : NT (Argentina)

*Smicridea (Rhyacophylax) columbiana* (G Ulmer, 1905) : NT (Colombia)

*Rhyacophylax columbiana* G Ulmer, 1905

*Smicridea (Rhyacophylax) coronata* OS Flint, 1980 : NT (Male redescribed, female described by JV Sganga & EB Angrisano, 2005, *Revista de la Sociedad Entomologica Argentina* 64(3): 133, figs Argentina)

*Smicridea (Rhyacophylax) dentifera* OS Flint, 1983 : NT (Argentina)

*Smicridea (Rhyacophylax) discalis* OS Flint, 1972 : NT (Recorded from Brazil by L Marinoni & GL de Almeida, 2000, *Rev Brasileira Zool* 17(1): 283-299 Argentina)

*Smicridea (Rhyacophylax) dispar* (N Banks, 1905) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337 United States of America)

*Polycentropus dispar* N Banks, 1905

Syn.: *Smicridea utico* HH Ross, 1947

*Smicridea (Rhyacophylax) dithyra* OS Flint, 1974 : NT (Wing coupling structure and function discussed by IC Stocks, 2010, *Journal of Morphology* 271: 152-168 Mexico (Veracruz))

*Smicridea (Rhyacophylax) ephippifera* OS Flint, 1978 : NT (Brazil)

*Smicridea (Rhyacophylax) forcipata* OS Flint, 1983 : NT (Argentina)

*Smicridea (Rhyacophylax) froehlichii* GL de Almeida & OS Flint, 2002 : NT (male and female described originally Holotype--Male; Brazil: Rio de Janeiro, km 17, 18 km S of Teresopolis, 1180 m, 18-IV-1977, CM & OS Flint Jr leg; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Smicridea (Rhyacophylax) gladiator* OS Flint, 1978 : NT (Brazil)

*Smicridea (Rhyacophylax) iguazu* OS Flint, 1983 : NT (Argentina)

*Smicridea (Rhyacophylax) inarmata* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 42 Mexico (Chiapas))

*Smicridea (Rhyacophylax) jundiai* GL de Almeida & OS Flint, 2002 : NT (male and female described originally Holotype--Male; Brazil: Espirito Santo, 15 km SE of Santa Teresa, Fazenda Santa Clara, 460 m, 22-IV-1977, CM & OS Flint, Jr leg; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Smicridea (Rhyacophylax) lobata* (G Ulmer, 1909) : NT (Venezuela)

*Rhyacophylax lobata* G Ulmer, 1909

*Smicridea (Rhyacophylax) magdalenae* OS Flint, 1991 : NT (Colombia)  
*Smicridea (Rhyacophylax) magnipinnata* OS Flint, 1991 : NT (Colombia)  
*Smicridea (Rhyacophylax) mangaratiba* GL de Almeida & OS Flint, 2002 : NT (male and female described originally Holotype--Male; Brazil: Espirito Santo, 15 km SE of Santa Teresa, Fazenda Santa Clara, 460 m, 22-IV-1977, CM & OS Flint, Jr leg; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)  
*Smicridea (Rhyacophylax) marlieri* OS Flint, 1978 : NT (Brazil)  
*Smicridea (Rhyacophylax) marua* OS Flint, 1978 : NT (Brazil)  
*Smicridea (Rhyacophylax) meridensis* L Botosaneanu & OS Flint, 1982 : NT (Venezuela)  
*Smicridea (Rhyacophylax) mesembrina* (L Navas, 1918) : NT (Male redescribed by JV Sganga & EB Angrisano, 2005, Revista de la Sociedad Entomologica Argentina 64(3): 131-139, figs Argentina)  
*Rhyacophylax mesembrina* L Navas, 1918  
Syn.: *Rhyacophylax nivosus* L Navas, 1920  
*Smicridea (Rhyacophylax) minuscula* OS Flint, 1973 : NT (Argentina)  
Syn.: *Smicridea minima* OS Flint, 1972  
*Smicridea (Rhyacophylax) murina* R McLachlan, 1871 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Chile)  
Syn.: *Rhyacophylax magnus* G Ulmer, 1909  
Syn.: *Rhyacophylax mendocensis* L Navas, 1920  
Syn.: *Smicridea zanclophora* OS Flint, 1974  
*Smicridea (Rhyacophylax) nanda* OS Flint, 1983 : NT (Argentina)  
*Smicridea (Rhyacophylax) nemorosa* RW Holzenthal & RJ Blahnik, 1995 : NT (Costa Rica)  
*Smicridea (Rhyacophylax) pallidivittata* OS Flint, 1972 : NT (Argentina)  
*Smicridea (Rhyacophylax) palmar* JV Sganga, 2005 : NT (Argentina)  
*Smicridea (Rhyacophylax) pampena* OS Flint, 1980 : NT (Argentina)  
*Smicridea (Rhyacophylax) peruana* (AV Martynov, 1912) : NT (Peru)  
*Rhyacophylax peruana* AV Martynov, 1912  
*Smicridea (Rhyacophylax) petasata* OS Flint, 1981 : NT (Venezuela)  
*Smicridea (Rhyacophylax) piraya* OS Flint, 1983 : NT (Argentina)  
*Smicridea (Rhyacophylax) probolophora* OS Flint, 1991 : NT (Colombia)  
*Smicridea (Rhyacophylax) pseudolobata* OS Flint, 1978 : NT (Brazil)  
*Smicridea (Rhyacophylax) pseudoradula* OS Flint, 1991 : NT (Colombia)  
*Smicridea (Rhyacophylax) radula* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Costa Rica)  
*Smicridea (Rhyacophylax) ralphi* GL de Almeida & OS Flint, 2002 : NT (male and female described originally Holotype--Male; Brazil: Rio de Janeiro, Km 54, 26 km E of Nova Friburgo, 410 m, 19-IV-1977, CM & OS Flint, Jr leg; deposited in Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)  
*Smicridea (Rhyacophylax) salta* OS Flint, 1974 : NA (Mexico (San Luis Potosi))  
*Smicridea (Rhyacophylax) scutellaria* OS Flint, 1974 : NT (Surinam)  
*Smicridea (Rhyacophylax) signata* (N Banks, 1903) : NA, NT (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiters, 2006, Southwestern Naturalist 51(3): 326-337)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 United States of America)  
*Pellopsyche signata* N Banks, 1903  
*Smicridea (Rhyacophylax) singri* RW Holzenthal & RJ Blahnik, 1995 : NT (Costa Rica)  
*Smicridea (Rhyacophylax) spinulosa* OS Flint, 1972 : NT (Recorded from Brazil by L Marinoni & GL de Almeida, 2000, Rev Brasileira Zool 17(1): 283-299 Argentina)  
*Smicridea (Rhyacophylax) talamanca* OS Flint, 1974 : NT (Costa Rica)  
*Smicridea (Rhyacophylax) tapanti* RW Holzenthal & RJ Blahnik, 1995 : NT (Costa Rica)  
*Smicridea (Rhyacophylax) titschacki* OS Flint, 1975 : NT (Peru)  
*Smicridea (Rhyacophylax) unguiculata* OS Flint, 1983 : NT (Argentina)  
*Smicridea (Rhyacophylax) ventridenticulata* OS Flint, 1991 : NT (Colombia)  
*Smicridea (Rhyacophylax) veracruzensis* OS Flint, 1974 : NT (Mexico (Veracruz))  
*Smicridea (Rhyacophylax) vermiculata* OS Flint, 1978 : NT (Brazil)

*Smicridea (Rhyacophylax) vilela* OS Flint, 1978 : NT (Brazil)  
*Smicridea (Rhyacophylax) villarricensis* OS Flint, 1983 : NT (Paraguay)  
*Smicridea (Rhyacophylax) voluta* OS Flint, 1978 : NT (Brazil)  
*Smicridea (Rhyacophylax) weidneri* OS Flint, 1972 : NT (Argentina)

subgenus *Smicridea* R McLachlan, 1871

*Smicridea (Smicridea) aequalis* N Banks, 1920 : NT (Guyana)  
*Smicridea (Smicridea) albifrontalis* AV Martynov, 1912 : NT (Peru)  
*Smicridea (Smicridea) albosignata* G Ulmer, 1907 : NT (Brazil)  
Syn.: *Smicridea maculata* N Banks, 1920  
*Smicridea (Smicridea) alticola* OS Flint, 1964 : NT (Puerto Rico)  
*Smicridea (Smicridea) amplispina* OS Flint, 1981 : NT (Venezuela)  
*Smicridea (Smicridea) anaticula* OS Flint, 1981 : NT (Venezuela)  
*Smicridea (Smicridea) annulicornis* (E Blanchard, 1851) : NT (Chile)  
*Hydropsyche annulicornis* E Blanchard, 1851  
Syn.: *Rhyacophylax chilensis* L Navas, 1923  
*Smicridea (Smicridea) anomala* OS Flint & DG Denning, 1989 : NT (Trinidad)  
*Smicridea (Smicridea) anticura* OS Flint & DG Denning, 1989 : NT (Chile)  
*Smicridea (Smicridea) appendicula* OS Flint, 1974 : NT (Surinam)  
*Smicridea (Smicridea) aries* RJ Blahnik, 1995 : NT (Costa Rica)  
*Smicridea (Smicridea) astarte* H Malicky, 1980 : NT (Guadeloupe Island)  
*Smicridea (Smicridea) aterrima* G Ulmer, 1911 : NT (Argentina)  
*Smicridea (Smicridea) banksi* OS Flint, 1967 : NT (Male described originally)

Male redescribed and distribution in Haiti (Departement de l'Ouest) and Dominican Republic (La Vega, Monsenor Nouel) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 24, f 15 Lectotype--Male; HAITI: [Departement de l'Ouest] La Visite & vic, La Selle Range, 5-7000 ft [1525-2135 m], 16-23 September 1934, M Bates; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (OS Flint, 1967, Proc US National Mus 123(3619): 13) Haiti)

Syn.: *Smicridea unicolor* N Banks, 1938

*Smicridea (Smicridea) bidentata* AV Martynov, 1912 : NT (Peru)  
*Smicridea (Smicridea) bivittata* (HA Hagen, 1861) : NA, NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Panama)

*Hydropsyche? bivittata* HA Hagen, 1861

Syn.: *Wormaldia albata* L Navas, 1924

*Smicridea (Smicridea) breviuncata* OS Flint, 1974 : NT (Costa Rica)  
*Smicridea (Smicridea) brunnescens* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Smicridea jamaicensis* OS Flint, from the Dominican Republic (La Vega, Dajabon, Elias Pina, Puerto Plata) Holotype--Male; DOMINICAN REPUBLIC: [La Vega Province, Rio Jimenoa] Jarabacoa, 3-4 Jun 1969, Flint & Gomez; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)  
*Smicridea (Smicridea) bulara* OS Flint & DG Denning, 1989 : NT (Trinidad)  
*Smicridea (Smicridea) bulbosa* OS Flint, 1974 : NT (Surinam)  
*Smicridea (Smicridea) caldwelli* HH Ross, 1947 : NA, NT (Mexico (Veracruz))  
*Smicridea (Smicridea) calopa* OS Flint, 1974 : NT (Mexico (Veracruz))  
*Smicridea (Smicridea) campana* OS Flint, 1974 : NT (Panama)  
*Smicridea (Smicridea) cariba* OS Flint, 1968 : NT (Dominica)  
*Smicridea (Smicridea) cartiensis* OS Flint & DG Denning, 1989 : NT (Panama)  
*Smicridea (Smicridea) catherinae* RJ Blahnik, 1995 : NT (Costa Rica)  
*Smicridea (Smicridea) cholta* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Guatemala)  
*Smicridea (Smicridea) circinata* OS Flint & DG Denning, 1989 : NT (Panama)  
*Smicridea (Smicridea) comma* N Banks, 1924 : NT (Male described originally)

Known also from Haiti and Dominican Republic (Duarte, Monte Plata, Independencia, Pedernales, Azua, Barahona, Dajabon, El Seibo, Hato Mayor, La Vega, Puerto Plata, San

Cristobal, San Juan) according to OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 23-24

Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 169-173 Cuba)  
*Smicridea (Smicridea) completa* N Banks, 1941 : NT (Male and female described originally

Male redescribed and distribution in the Dominican Republic (La Vega, Pedernales, San Cristobel) reported by OS Flint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 24, f 16 Lectotype--Male; DOMINICAN REPUBLIC: [San Cristobel Province] Villa Altagracia, July 1938, Darlington; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Dominican Republic)

*Smicridea (Smicridea) complicatissima* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) compostela* J Bueno-Soria, 1986 : NA (Mexico (Nayarit))

*Smicridea (Smicridea) conjuncta* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) cornuta* OS Flint, 1974 : NT (Surinam)

*Smicridea (Smicridea) corralita* OS Flint & DG Denning, 1989 : NT (Mexico (Chiapas))

*Smicridea (Smicridea) cubana* K Kumanski, 1987 : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 169-173 Cuba)

*Smicridea (Smicridea) cuna* OS Flint, 1974 : NT (Panama)

*Smicridea (Smicridea) curvipenis* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) dampfi* OS Flint, 1974 : NT (Mexico (Chiapas))

*Smicridea (Smicridea) decora* (L Navas, 1930) : NT (Chile)

*Rhyacophylax decora* L Navas, 1930

Syn.: *Antarctopsyche albescens* L Navas, 1932

Syn.: *Antarctopsyche annulicornis* G Ulmer, 1907

*Smicridea (Smicridea) duarte* OS Flint & JL Sykora, 2004 : NT (Male and female described originally, near *Smicridea banksi* OS Flint and *Smicridea completa* N Banks, from the Dominican Republic (La Vega, Baoruco, Barahona, Elias Pina, Independencia, Pedernales, Peravia, Puerto Plata) and Haiti ("Chipman, Holland Collection") Lectotype--Male; DOMINICAN REPUBLIC: [La Vega] Rio Baiguate, 1-2 km S Jarabacoa, 19°06.9'N, 70°37.0'W, 520 m, 8-9 May 1995, OS Flint; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Dominican Republic)

*Smicridea (Smicridea) erecta* OS Flint, 1974 : NT (Surinam)

*Smicridea (Smicridea) fasciatella* R McLachlan, 1871 : NA, NT (

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, *Proc Internatn Symp Trichoptera* 12: 15-29

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

Syn.: *Hydropsyche divisa* N Banks, 1903

*Smicridea (Smicridea) figueroai* RW Holzenthal, 2004 : NT (Male described originally Holotype--Male; Chile: VIII Region del Bio-Bio, Bio-Bio, small trib to Rio Queco, 5 km E Ralco, 37°51,619'S, 71°36,257'W, el 500 m, 16-i-2000, Holzenthal and Munoz; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Chile)

*Smicridea (Smicridea) filicata* OS Flint & DG Denning, 1989 : NT (Costa Rica)

*Smicridea (Smicridea) florecita* J Bueno-Soria, 2010 : NT (Male and female described originally in the *Smicridea florecita* Group, near *Smicridea calopa* OS Flint Holotype--Male; MEXICO: Chiapas, Cascada "Cerro Las Flores," 17°21'39"N, 093°37'29"W, el 540 m, 26-vi-1999, J Bueno & R Barba; deposited in the Coleccion Nacional de Insectos, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico Mexico (Chiapas))

*Smicridea (Smicridea) frequens* (L Navas, 1930) : NT (Chile)

*Rhyacophylax frequens* L Navas, 1930

*Smicridea (Smicridea) fuscifurca* L Botosaneanu, 1998 : NT (Jamaica)

*Smicridea (Smicridea) gemina* RJ Blahnik, 1995 : NT (Listed from Nicaragua by ML Chamorro-

Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Costa Rica)

*Smicridea (Smicridea) gomezi* RJ Blahnik, 1995 : NT (Costa Rica)

*Smicridea (Smicridea) gomphotheria* RJ Blahnik, 1995 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Costa Rica)

*Smicridea (Smicridea) grandis* OS Flint, 1968 : NT (Jamaica)

*Smicridea (Smicridea) grandisaccata* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) grenadensis* OS Flint, 1968 : NT (Grenada)

*Smicridea (Smicridea) holzenthali* OS Flint & DG Denning, 1989 : NT (Costa Rica)

*Smicridea (Smicridea) hybrida* RJ Blahnik, 1995 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Costa Rica)

*Smicridea (Smicridea) inaequispina* OS Flint, 1974 : NT (Surinam)

*Smicridea (Smicridea) jamaicensis* OS Flint, 1968 : NT (Jamaica)

*Smicridea (Smicridea) karukerae* L Botosaneanu, 1994 : NT (Male and female redescribed by L Botosaneanu, 2000, Ann Limnol 36(4): 259, f 18-23 Guadeloupe)

*Smicridea (Smicridea) lacanha* J Bueno-Soria & SW Hamilton, 1986 : NT (Mexico (Chiapas))

*Smicridea (Smicridea) latipala* OS Flint & DG Denning, 1989 : NT (Panama)

*Smicridea (Smicridea) lourditae* SU Pauls, RJ Blahnik, X Zhou, CT Wardwell, & RW Holzenthal, 2010 : NT (Male described originally near *Smicridea (Smicridea) pucara* OS Flint & DG Denning based on morphological and molecular data Holotype--Male; CHILE: Region X - Los Lagos, Monumento Nacional Alerce Costero, unnamed tributary on trail to Alerce Milenario, 895 m, 40°11.874'S, 73°26.217'W, 05-ii-2008, Holzenthal, Pauls, Mendez; UMSP000113378 University of Minnesota Insect Collection specimen code and BOLD Sample ID; GenBank Accession HM065274, haplotype Hap064; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Chile)

*Smicridea (Smicridea) manzanara* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) martinica* L Botosaneanu & A Thomas, 2005 : NT (Male described originally near *Smicridea karukerae* L Botosaneanu and *Smicridea cariba* OS Flint Holotype--Male; MARTINIQUE: Premier affluent (sans nom) en rive gauche de la Riv Blanche, sur la route en amont d'Alma, alt 490 m, 4-xii-2002; deposited in the Zoological Museum, Amsterdam, The Netherlands Martinique)

*Smicridea (Smicridea) matagalpa* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Nicaragua)

*Smicridea (Smicridea) matancilla* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) microsaccata* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) minima* OS Flint, 1968 : NT (Jamaica)

*Smicridea (Smicridea) mirama* OS Flint & DG Denning, 1989 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Panama)

*Smicridea (Smicridea) mirnae* GL de Almeida & OS Flint, 2002 : NT (male described originally Holotype--Male; Brazil: Parana, Jundiá do Sul, Fazenda Monte Verde, 23°26'S, 50°16'W, 500 m, 25-II-1987, PROFAUPAR-lampada; deposited in Colecao de Entomologia Padre Jesus Santiago Moure, Departamento de Zoologia, Universidade Federal do Parana, Curitiba, Brazil Brazil)

*Smicridea (Smicridea) mucronata* OS Flint & DG Denning, 1989 : NT (Argentina)

*Smicridea (Smicridea) multidens* OS Flint & DG Denning, 1989 : NT (Panama)

*Smicridea (Smicridea) nahuatl* OS Flint, 1974 : NT (Mexico (Veracruz))

*Smicridea (Smicridea) nigerrima* OS Flint, 1983 : NT (Argentina)

*Smicridea (Smicridea) nigricans* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) nigripennis* N Banks, 1920 : NT (Colombia)

*Smicridea (Smicridea) obesa* N Banks, 1938 : NT (Cuba)

*Smicridea (Smicridea) obliqua* OS Flint, 1974 : NT (Surinam)

*Smicridea (Smicridea) octospina* OS Flint, 1974 : NT (Surinam)

*Smicridea (Smicridea) olivacea* OS Flint, 1983 : NT (Argentina)

*Smicridea (Smicridea) palifera* OS Flint, 1981 : NT (Recorded from Venezuela (Margarita) by L Botosaneanu & AL Vilorio, 2002, Mitt Mus Nat-kd Berl, Dtsch Entomol Z 49: 107 Venezuela)

*Smicridea (Smicridea) paranensis* OS Flint, 1983 : NT (Recorded from Brazil by L Marinoni &



GL de Almeida, 2000, Rev Brasileira Zool 17(1): 283-299 Argentina)

*Smicridea (Smicridea) parva* N Banks, 1939 : AU (Australia)

*Smicridea (Smicridea) patinae* SU Pauls, RJ Blahnik, & RW Holzenthal, 2010 : NT (Male described originally near *Smicridea (Smicridea) turgida* OS Flint & DG Denning based on morphological and molecular data Holotype--Male; CHILE: Region X - Los Lagos, Monumento Nacional Alerce Costero, unnamed tributary on trail to Alerce Milenario, 895 m, 40°11.874'S, 73°26.217'W, 05-ii-2008, Holzenthal, Pauls, Mendez; UMSP000113375 University of Minnesota Insect Collection specimen code and BOLD Sample ID, Genbank Accession HM065396, haplotype Hap095; deposited in the University of Minnesota Insect Collection, St Paul, Minnesota, United States of America Chile)

*Smicridea (Smicridea) penai* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) pipila* OS Flint, 1974 : NT (Guatemala)

*Smicridea (Smicridea) pochutla* J Bueno-Soria, S Santiago-Fragoso, & R Barba-Alvarez, 2001 : NT (Mexico (Oaxaca))

*Smicridea (Smicridea) polyfasciata* AV Martynov, 1912 : NT (Peru)

*Smicridea (Smicridea) prorigera* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) protera* (DG Denning, 1948) : NT (Puerto Rico)

*Cheumatopsyche protera* DG Denning, 1948

*Smicridea (Smicridea) pucara* OS Flint & DG Denning, 1989 : NT (Argentina)

*Smicridea (Smicridea) rara* J Bueno-Soria, 1979 : NT (Mexico (Veracruz))

*Smicridea (Smicridea) reduunca* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) reinerti* OS Flint, 1978 : NT (Brazil)

*Smicridea (Smicridea) riita* OS Flint, 1981 : NT (Venezuela)

*Smicridea (Smicridea) ruginasa* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) sattleri* DG Denning & JL Sykora, 1968 : NT (Brazil)

*Smicridea (Smicridea) saucia* R McLachlan, 1871 : NT (Peru)

*Smicridea (Smicridea) sexspinosa* OS Flint, 1978 : NT (Brazil)

*Smicridea (Smicridea) simmonsii* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 50 St Lucia)

Syn.: *Smicridea aurimacula* OS Flint & DG Denning, 1989

Syn.: *Smicridea therezieni* H Malicky, 1987

*Smicridea (Smicridea) sirena* J Bueno-Soria, 1986 : NT (Costa Rica)

*Smicridea (Smicridea) smilodon* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) soyatepecana* J Bueno-Soria, 1986 : NT (Mexico (Guerrero))

*Smicridea (Smicridea) tarasca* OS Flint, 1974 : NT (Mexico (Michoacan))

*Smicridea (Smicridea) tobada* OS Flint & DG Denning, 1989 : NT (Tobago)

*Smicridea (Smicridea) travertinera* H Paprocki, RW Holzenthal, C Cressa, 2003 : NT (Male and larva and larval retreat described originally Holotype--Male; Venezuela: Falcon, Quebrada El Charo at cataratas, 10°46.771'N, 69°12.174'W, el 425 m, 12-vi-2001, RW Holzenthal, RJ Blahnik, H Paprocki, and C Cressa; deposited in the University of Minnesota, St Paul, Minnesota, United States of America Venezuela)

*Smicridea (Smicridea) tregala* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) truncata* OS Flint, 1974 : NT (Larva and pupa described from Central Amazonia, Brazil, by AMO Pes, N Hamada, & CC Soares, 2008, Zootaxa 1732: 54-60 Surinam)

*Smicridea (Smicridea) turgida* OS Flint & DG Denning, 1989 : NT (Chile)

*Smicridea (Smicridea) turrialbana* OS Flint, 1974 : NT (Costa Rica)

*Smicridea (Smicridea) ulva* OS Flint, 1974 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Nicaragua)

*Smicridea (Smicridea) unicolor* (N Banks, 1901) : NT (This species was transferred from *Diplectronea* to *Smicridea* by HH Ross, 1947, Transactions of the American Entomological Society 73: 144; this transfer occurred 55 years before *Sciops unicolor* McLachlan, 1866, was placed in *Diplectronea*, such that no replacement name was provided for *Diplectronea unicolor* Banks, 1901. According to the International Code of Zoological Nomenclature (Article 59.2, "Secondary homonyms not replaced when no longer considered congeneric"), no replacement name is to be provided.

Mexico (Morelos))

*Diplectronea unicolor* N Banks, 1901

*Smicridea (Smicridea) urra* OS Flint, 1991 : NT (Colombia)

*Smicridea (Smicridea) varia* (N Banks, 1913) : NA, NT (Listed from Nicaragua by ML Chamorro-

Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Costa Rica)

*Rhyacophylax varia* N Banks, 1913

*Smicrophylax* A Neboiss, 1977

*Smicrophylax australis* (G Ulmer, 1908) : AU (Transferred from Smicridea to Smicrophylax by A Neboiss, 1977, Memoirs of the National Museum of Victoria 38: 68 Australia)

*Smicridea australis* G Ulmer, 1908

Syn.: *Smicridea parva* N Banks, 1939

*Smicrophylax creektona* A Neboiss, 1977 : AU (Australia)

*Smicrophylax parvula* ME Mosely, 1953 : AU (Transferred from Smicridea to Smicrophylax by A Neboiss, 1977, Memoirs of the National Museum of Victoria 38: 68 Australia)

*Smicrophylax simplex* (S Jacquemart, 1965) : AU (Transferred from Smicridea to Smicrophylax by A Neboiss, 1977, Memoirs of the National Museum of Victoria 38: 68 Australia)

*Diplectrona simplex* S Jacquemart, 1965

*Smicrophylax ulmeri* (N Banks, 1939) : AU (Transferred from Smicridea to Smicrophylax by A Neboiss, 1977, Memoirs of the National Museum of Victoria 38: 68 Australia)

*Smicridea ulmeri* N Banks, 1939

*Sortosa* L Navas, 1918

*Sortosa anaximander* H Malicky, 2011 (Male described originally near *Stenopsyche chinensis* Q Hwang, *Stenopsyche duplex* (F Schmid), *Stenopsyche dubia* F Schmid Holotype--Male; CHINA: Shaanxi, Qinling Mts, 1600 m, 34°13'N, 106°58'E, 31-v-2009, leg Kyselak; deposited in the H Malicky Collection, Lunz am See, Austria China (Shaanxi))

*Sortosa angulata* (F Schmid, 1964) : NT (Chile)

*Dolophilodes angulata* F Schmid, 1964

*Sortosa appendiculata* (OS Flint, 1967) : NT (Chile)

*Dolophilodes appendiculata* OS Flint, 1967

*Sortosa bifida* (OS Flint, 1970) : NT (Chile)

*Dolophilodes bifida* OS Flint, 1970

*Sortosa bispinosa* (OS Flint, 1967) : NT (Chile)

*Dolophilodes bispinosa* OS Flint, 1967

*Sortosa chilensis* (L Navas, 1918) : NT (Chile)

*Dolophilus chilensis* L Navas, 1918

Syn.: *Sortosa fusca* L Navas, 1918

*Sortosa dupliplex* (OS Flint, 1983) : NT (Chile)

*Dolophilodes dupliplex* OS Flint, 1983

*Sortosa edwardi* HH Ross, 1956 : NT (Chile)

*Sortosa elongata* (F Schmid, 1964) : NT (Chile)

*Dolophilodes elongata* F Schmid, 1964

*Sortosa elongatoides* (OS Flint, 1967) : NT (Chile)

*Dolophilodes elongatoides* OS Flint, 1967

*Sortosa flavipunctata* F Schmid, 1955 : NT (Chile)

*Sortosa michelbacheri* HH Ross, 1956 : NT (Chile)

*Sortosa paxillifera* (OS Flint, 1970) : NT (Chile)

*Dolophilodes paxillifera* OS Flint, 1970

*Sortosa pectinifera* F Schmid, 1958 : NT (Chile)

*Sortosa prolixa* (OS Flint, 1983) : NT (Chile)

*Dolophilodes prolixa* OS Flint, 1983

*Sortosa scopula* (OS Flint, 1983) : NT (Chile)

*Dolophilodes scopula* OS Flint, 1983

*Sortosa spectabilis* (OS Flint, 1983) : NT (Chile)

*Dolophilodes spectabilis* OS Flint, 1983

*Sortosa spinifera* F Schmid, 1958 : NT (Chile)

*Sortosa spinosella* (OS Flint, 1970) : NT (Chile)

*Dolophilodes spinosella* OS Flint, 1970

*Sortosa ventricosta* (OS Flint, 1983) : NT (Chile)

*Dolophilodes ventricosta* OS Flint, 1983

*Sphagnophylax* GB Wiggins & NN Winchester, 1984

*Sphagnophylax meiops* GB Wiggins & NN Winchester, 1984 : NA (Canada)

*Stactobia* R McLachlan, 1880

*Stactobia algira* F Vaillant, 1951 (Algeria)

*Stactobia alpina* E Bertuetti, O Lodovici, & M Valle, 2004 (Male described originally, with affinity to *Stactobia moselyi*)

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Holotype--Male; Italy: Piemonte, Provincia di Cuneo, Garessio m 650, affl fiume Tanaro c/o Trappa, 29-v-2001, leg Museo Caffi BG; deposited in the Museo di Bergamo, Bergamo, Italy Italy)

*Stactobia aoualina* L Botosaneanu & A Dia, 1983 (Lebanon)

*Stactobia atra* (HA Hagen, 1865) (Portugal (Madeira))

*Hydroptila atra* HA Hagen, 1865

*Stactobia aurea* (ME Mosely, 1939) : AT (Wings of male holotype re-illustrated by W Mey, 2007, Acta Zoologica Academiae Scientiarum Hungaricae 53(suppl 1): 126, f 5 Holotype--Male; "Afrित्रिचिया Mosely/Uganda/Namwamba Valey/6500 ft xii-1934--i-1935/FWE Edwards/CB Type" [hand-written with black ink]; mounted on separate slides of wings and body and genitalia; deposited in The Natural History Museum, London, United Kingdom (W Mey, 2007, Acta Zoologica Academiae Scientiarum Hungaricae 53(suppl 1): 126) Uganda)

*Afrित्रिचिया aurea* ME Mosely, 1939

*Stactobia bademli* F Sipahiler, 2003 (Turkey)

*Stactobia balin* F Schmid, 1983 : OL (India)

*Stactobia ballur* F Schmid, 1983 : OL (India)

*Stactobia banra* J Olah, 1989 : OL (Reported from Vietnam, as *Stactobia banga*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Stactobia beatensis* ME Mosely, 1934 (France)

*Stactobia beor* F Schmid, 1983 : OL (India)

*Stactobia beren* F Schmid, 1983 : OL (India)

*Stactobia bersisik* A Wells, 1993 : OL (Indonesia (Bali))

*Stactobia betiri* A Wells & H Malicky, 1997 : OL (Indonesia (Java))

*Stactobia bienda* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Stactobia bifur* F Schmid, 1983 : OL (India)

*Stactobia bofur* F Schmid, 1983 : OL (India)

*Stactobia bolzei* S Jacquemart, 1965 (Turkey)

*Stactobia calin* F Schmid, 1983 : OL (Reported from India (Assam, Garhwal, and West Bengal) and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046 India)

*Stactobia caspersi* G Ulmer, 1950 (Larva, case, adult illustrated, habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99 Bulgaria)

Syn.: *Stactobia eretziana* L Botosaneanu & A Gasith, 1971

*Stactobia cermikensis* F Sipahiler, 1998 (Turkey)

*Stactobia crassa* (G Ulmer, 1951) : OL (Indonesia (Java))

*Lamonganotrichia crassa* G Ulmer, 1951

*Stactobia culasi* A Wells & W Mey, 2002 : OL (Philippines)

*Stactobia dain* F Schmid, 1983 : OL (India)

*Stactobia darvazica* VD Ivanov, 1992 (Tajikistan)

*Stactobia distinguenda* L Botosaneanu & T Nozaki, 1996 (Japan)

*Stactobia doehleri* F Schmid, 1959 : OL (Pakistan)

*Stactobia dori* F Schmid, 1983 : OL (India)

*Stactobia durin* F Schmid, 1983 : OL (India)

*Stactobia dwalin* F Schmid, 1983 : OL (India)

*Stactobia dwalur* F Schmid, 1983 : OL (India)  
*Stactobia eatoniella* R McLachlan, 1880 (France)  
 Syn.: *Stactobia oredonensis* ME Mosely, 1934  
*Stactobia ericae* H Malicky, 1981 (Endemic to geographic Italy (Sardinia) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sardinia))  
*Stactobia extensor* A Wells & W Mey, 2002 : OL (Philippines)  
*Stactobia fahjia* (ME Mosely, 1948) : AT (Species epithet spelled *Stactobia fahija*, occurring in WP according to H Malicky, 2005, Linzer biol Beitr 37(1): 548 Democratic Republic of Yemen)  
*Aratrichia fahjia* ME Mosely, 1948  
*Stactobia fethiyensis* F Sipahiler, 1989 (Turkey)  
*Stactobia filacea* W Mey, 2003 : OL (Male described originally, related to *Stactobia extensor* A Wells & W Mey, 2002 Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, small stream to the Agos River, 10-iv-1997, W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))  
*Stactobia fischeri* F Schmid, 1958 : OL (Sri Lanka)  
*Stactobia forsslundi* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Stactobia freyi* O Nybom, 1948 (Spain (Canary Islands))  
*Stactobia froki* F Schmid, 1983 : OL (India)  
*Stactobia furcata* ME Mosely, 1930 (France (Corsica))  
*Stactobia fuscicornis* (WG Schneider, 1845) (Italy (Sicily))  
*Hydroptila fuscicornis* WG Schneider, 1845  
 Syn.: *Hydroptila obscura* F Kolenati, 1848  
 Syn.: *Stactobia maculata* F Vaillant, 1951  
*Stactobia gerutu* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))  
*Stactobia gimli* F Schmid, 1983 : OL (India)  
*Stactobia gloin* F Schmid, 1983 : OL (India)  
*Stactobia gomerina* L Botosaneanu, 1981 (Spain (Canary Islands))  
*Stactobia gozmanyi* W Mey, 2007 : AT (Male described originally near *Stactobia aurea* (ME Mosely) Holotype--Male; ETHIOPIA: Simien Mts, Jinbar River, ca 3400 m, 38°05'E, 13°15'N, 15-i-1996, leg W Mey; in alcohol, genitalia slide Mey 05/04; deposited in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany Ethiopia)  
*Stactobia grolin* F Schmid, 1983 : OL (India)  
*Stactobia gwili* F Schmid, 1983 : OL (India)  
*Stactobia hattorii* L Botosaneanu & T Nozaki, 1996 (Japan)  
*Stactobia huor* F Schmid, 1983 : OL (India)  
*Stactobia hurin* F Schmid, 1983 : OL (Reported from India (Garhwal, Kameng, Kashmir) by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046 India)  
*Stactobia inexpectata* L Botosaneanu & T Nozaki, 1996 (Japan)  
*Stactobia intermedia* MA Gonzalez & LSW Terra, 1981 (Spain)  
*Stactobia jacquemarti* H Malicky, 1977 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Greece (Crete))  
*Stactobia japonica* M Iwata, 1930 (Nomen dubium for many years, but see L Botosaneanu & T Nozaki, 1996, Bull Zool Mus Univ Amsterdam 15(8): 54-55, f 1-6, for description of male Japan)  
*Stactobia kaputensis* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Stactobia keluk* A Wells, 1993 : OL (Indonesia (Bali))  
*Stactobia kimminsi* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Stactobia klapaleki* F Schmid, 1959 : OL (Pakistan)  
*Stactobia kudung* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))  
*Stactobia kyria* H Malicky, 2004 : OL (Male described originally near *Stactobia smoli* F Schmid  
 Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: hygropetische Stellen entlang der Strasse bei Babai Basar, 7-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)  
*Stactobia lekoban* F Sipahiler, 1998 (Turkey)  
*Stactobia livadia* H Malicky, 1984 (Greece)

*Stactobia loki* F Schmid, 1983 : OL (India)  
*Stactobia loni* F Schmid, 1983 : OL (India)  
*Stactobia makartschenkoi* L Botosaneanu & IM Levanidova, 1988 (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 54 Russia (Kurile Islands))  
*Stactobia malacantosa* F Schmid, 1952 (Spain)  
*Stactobia malickyi* W Mey, 1981 : PA (Kirgizia)  
*Stactobia mangyanica* W Mey, 1995 : OL (Philippines)  
*Stactobia manicata* A Wells & W Mey, 2002 : OL (Philippines)  
*Stactobia margalitana* L Botosaneanu, 1974 (Israel)  
*Stactobia marlieri* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Iran by P Chvojka, 2006, Acta Entomologica Musei Nationalis Pragae 46: 253 Iran)

*Stactobia martynovi* F Schmid, 1959 : OL (Reported from Pakistan, India (Kashmir), and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046 Pakistan)

*Stactobia mayeri* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

Syn.: *Stactobia decosteri* S Jacquemart, 1965

*Stactobia mclachlani* DE Kimmins, 1949 (Species epithet spelled *Stactobia maclachlani* by H Malicky, 2005, Linzer biol Beitr 37(1): XXX??

Reported from Spain as *Stactobia maclachlani* by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 France)

Syn.: *Stactobia botosaneanui* F Schmid, 1959

Syn.: *Stactobia delmarei* , 1961

*Stactobia mindorica* W Mey, 1995 : OL (Philippines)

*Stactobia miresa* W Mey, 1998 : OL (Philippines (Mindanao))

*Stactobia monnioti* S Jacquemart, 1963 (Larva described originally

Male described from Rhodes by S Jacquemart, 1973, Bulletin Inst r Sci nat Belg (Entom) 49(4): 3

*Stactobia jacquemarti* H Malicky was treated as a synonym of *H monnioti* by F Schmid, 1983, Le naturaliste canadien 110: XX?

*Stactobia jacquemarti* H Malicky is not a synonym according to H Malicky, 2005, Linzer biol Beitr 37(1): 548 Cyprus)

*Stactobia morettii* F Schmid, 1959 : OL (Pakistan)

*Stactobia moselyi* DE Kimmins, 1949 (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99 France)

*Stactobia naili* F Schmid, 1983 : OL (India)

*Stactobia nalin* F Schmid, 1983 : OL (Male redescribed, reported from Thailand by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046, pl 34 India)

*Stactobia nielseni* F Schmid, 1959 : OL (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Pakistan)

*Stactobia nishimoto* L Botosaneanu & T Nozaki, 1996 (Japan)

*Stactobia noldi* F Schmid, 1983 : OL (India)

*Stactobia nori* F Schmid, 1983 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Stactobia nybomi* F Schmid, 1959 (Portugal(Madeira))

*Stactobia oin* F Schmid, 1983 : OL (India)

*Stactobia olgae* AV Martynov, 1927 : PA (Uzbekistan)

*Stactobia ori* F Schmid, 1983 : OL (India)

*Stactobia pacatoria* A Dia & L Botosaneanu, 1980 (Lebanon)

*Stactobia parva* A Wells & D Dudgeon, 1990 : OL (China (HongKong))

*Stactobia phix* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near

*Stactobia dwalin* F Schmid, *Stactobia dwalur* F Schmid, *Stactobia shahdara* VD Ivanov, and *Stactobia tjederi* F Schmid Holotype--Male; BHUTAN: Trongsa, Telegangchhu Bridge, 27\*29'N, 090\*31'E, 2100 m, 21-iv-2006, leg W Graf; deposited in the collection of H Malicky, Lunz am See,

**Austria Bhutan)**

*Stactobia plethoides* A Wells & W Mey, 2002 : OL (Philippines)

*Stactobia polybos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Stactobia thorin* F Schmid Holotype--Male; BHUTAN: Chananachhu bei Gasekha Zam, 27°25'N, 089°14'E, 2900 m, 30-iv-2006, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Bhutan)

*Stactobia princesa* A Wells & W Mey, 2002 : OL (Philippines)

*Stactobia pyrrhos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon National Park, Siribhum Waterfall, 18°32'N, 098°31'E, 1300 m, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Stactobia python* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18°32'N, 098°32'E, 1200 m, 14-21-i[xi?]-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Stactobia quadrispina* DE Kimmins, 1951 : OL (Myanmar)

*Stactobia quezonensis* W Mey, 2003 : OL (Male described originally, related to *Stactobia filacea* W Mey, 2003 Holotype--Male; Philippines: Luzon, Quezon Province, east of Infanta, Magsaysay, small stream to the Agos River, 10-iv-1997, W Mey, V Samarita, & W Speidel; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Stactobia radovanovici* F Schmid, 1959 : OL (Pakistan)

*Stactobia rahang* A Wells & J Huisman, 1993 : OL (Malaysia (Peninsular))

*Stactobia regularis* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Stactobia reticulata* A Wells & W Mey, 2002 : OL (Philippines)

*Stactobia risiana* F Schmid, 1959 : OL (Pakistan)

*Stactobia salmakis* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; CHINA: Zhejiang Prov, Gutien Shan, 26°21'N, 119°26'E, 450 m, 7-vi-1989, leg Kyselak; deposited in the collection of H Malicky, Lunz am See, Austria China (Zhejiang))

*Stactobia schmidi* DE Kimmins, 1964 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Stactobia schnorri* H Malicky, 2004 : OL (Male described originally near *Stactobia dori* F Schmid in the *Stactobia nielsenii* F Schmid Group)

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: westliches Baechlein beim Lager 2, 16-iii-2003; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)

*Stactobia seki* F Sipahiler, 2000 (Turkey)

*Stactobia semele* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; TAIWAN: Hsinchu Co, S Chienshih, Euro, 24°39'N, 121°10'E, [elevation not mentioned], 16-iii-1996, leg Sivec & Horvat; deposited in the collection of H Malicky, Lunz am See, Austria Taiwan)

*Stactobia shahdara* VD Ivanov, 1992 (Tajikistan)

*Stactobia smoli* F Schmid, 1983 : OL (India)

*Stactobia snori* F Schmid, 1983 : OL (Reported from India (Assam) and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046 India)

*Stactobia snufi* F Schmid, 1983 : OL (India)

*Stactobia storai* O Nybom, 1948 (Spain (CanaryIslands))

*Stactobia sujanganica* K Kumanski, 1990 (Male described originally in the *Stactobia martynovi* Group)

Reported from Russia (Primorye Territory) and Korea by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 103

Holotype--Male; NORTH KOREA: Province Hwanghe namdo (southern Hwanghe), Sujang Mt (a small mountain near Hedzu), below and above the waterfall (ca 300-500 masl), rhithral, with hygropetric niches, 28-viii-1982, P Beron & A Popov; in alcohol; deposited in the National Natural History Museum, Sophia, Bulgaria Korean People's Democratic Republic)

*Stactobia takuk* A Wells & J Huisman, 1993 : OL (Malaysia (Sarawak))  
*Stactobia telamon* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; NEPAL: Mahadev Khola, 27\*53'N, 085\*39'E, 1300 m, 12-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)  
*Stactobia telchinos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Stactobia snori* F Schmid and *Stactobia snufi* F Schmid Holotype--Male; NEPAL: Ganesh Himal, Sheplu, 2100 m, 14-15-ix-1995, leg Gyulai & Garai; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)  
*Stactobia teldi* F Schmid, 1983 : OL (India)  
*Stactobia telemachos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18\*32'N, 098\*32'E, 1200 m, [no date mentioned], leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Stactobia telephos* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Ban Yang Bong, 19\*21'N, 098\*21'E, 500 m, 19-iii-1992, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Stactobia tenes* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Inthanon National Park, Bang Khun Klang, 18\*32'N, 098\*32'E, 1200 m, 7-14-xi-1989, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Stactobia terminus* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Chaeson National Park, 18\*46'N, 099\*28'E, 500 m, 25=26-v-2005, leg Malicky & Chantaramongkol; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)  
*Stactobia thacla* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Stactobia thorin* F Schmid, 1983 : OL (India)  
*Stactobia thrain* F Schmid, 1983 : OL (India)  
*Stactobia throhir* F Schmid, 1983 : OL (India)  
*Stactobia throli* F Schmid, 1983 : OL (Reported from India (Sikkim) and Nepal by H Malicky & P Chantaramongkol, 2007, Linzer biol Beitr 39(2): 1046 India)  
*Stactobia thror* F Schmid, 1983 : OL (India)  
*Stactobia tjederi* F Schmid, 1959 : OL (Pakistan)  
*Stactobia tonyi* A Wells & J Huisman, 1993 : OL (Malaysia (Sabah))  
*Stactobia trungcha* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Stactobia tuor* F Schmid, 1983 : OL (India)  
*Stactobia turanica* VD Ivanov, 1992 (Tajikistan)  
*Stactobia ulmeriana* F Schmid, 1959 : OL (Pakistan)  
*Stactobia urania* H Malicky, 1976 (Cyprus)  
*Stactobia vaillanti* F Schmid, 1959 : AT (French Guinea)  
*Stactobia wimmeri* H Malicky, 1988 (Turkey)

*Stactobiella* AV Martynov, 1924

*Stactobiella alassignata* L Botosaneanu, 1993 (Reported from Russia (Primorye Territory) by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 104 Russia (southeastern Siberia))  
*Stactobiella biramosa* AV Martynov, 1929 (Male and female redescribed and the species reported from Russian Far East (Khabarovsk and Primorye Territories) for the first time (also known from Bija River, Siberia) by TI Arefina, TS Vshivkova, and JC Morse, 2002, Proc Internatn Symp Trich 10: 104, f 19-23)

New record for Russia (Sakhalin Island) by TI Arefina & BJ Armitage, 2003, Braueria 30: 17 Russia (southwestern Siberia - Altai Mountains))

*Stactobiella brustia* (HH Ross, 1938) : NA (United States of America)

*Stactobia brustia* HH Ross, 1938

*Stactobiella cahaba* SC Harris, 1985 : NA (United States of America)  
*Stactobiella celtikci* F Cakin, 1983 (Turkey)  
*Stactobiella delira* (HH Ross, 1938) : NA (Male head, thorax, tibiae, and wings re-illustrated by SC Harris, OS Flint, & RW Holzenthal, 2002, J New York Entomol Soc 110(1) f 7A-C United States of America)

*Stactobia delira* HH Ross, 1938

*Stactobiella martynovi* RL Blicke & DG Denning, 1977 : NA (described originally in "Scatobiella" United States of America)

Syn.: *Stactobiella solzhenitsyni* JL Sykora & JS Weaver, 1978

*Stactobiella nikulinae* TI Arefina, 2004 (Male described originally Russia (Southern Primorye Territory))

*Stactobiella palmata* (HH Ross, 1938) : NA (United States of America)

*Stactobia palmata* HH Ross, 1938

*Stactobiella siribhum* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally XXX ???)

*Stactobiella tshistjakovi* (TI Arefina and JC Morse, 2002) (Male described originally Russia (Southern Primorye Territory))

*Stactobia tshistjakovi* TI Arefina and JC Morse, 2002

*Stactobiella ulmeri* AJ Siltala, 1908 (A junior synonym of *Stactobiella ulmeri* according to L Botosaneanu & H Malicky, 1978, in J Illies (editor), Limnofauna Europaea, p XX?)

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 191

Larva and pupal case described by W Graf and J Waringer, 2002, Proc Internatn Symp Trich 10: 420-424, f 1-9

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, Lauterbornia 56: 155-167 Finland)

Syn.: *Microptila risi* J Felber, 1908

*Stenochorema* F Schmid, 1955

*Stenochorema crassicostum* F Schmid, 1955 : NT (Larva and pupa described by EB Angrisano, 2001, Aq Ins 23(4): 289-296 Chile)

*Stenophylax* F Kolenati, 1848

*Stenophylax alex* W Mey & A Mueller, 1980 (Georgia)

*Stenophylax badukus* (W Mey & A Mueller, 1979) (Synonym of *Stenophylax nycterobius* (R McLachlan, 1875), according to VN Grigorenko, 2002, Proc Internatn Symp Trich 10: 107, 109

Valid species according to H Malicky, 2005, Linzer biol Beitr 37(1): 576 Georgia)

*Micropterna badukus* W Mey & A Mueller, 1979

*Stenophylax bischofi* H Malicky, 1992 (Endemic to geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sicily))

*Stenophylax caesareicus* (F Schmid, 1959) (Listed from northwestern Turkey as *Micropterna caesareica* by F Sipahiler, 2007, Braueria 34: 40 Turkey)

*Micropterna caesareicus* F Schmid, 1959

Syn.: *Micropterna ariadne* H Malicky, 1970

*Stenophylax caspicus* (F Schmid, 1959) (Iran)

*Micropterna caspicus* F Schmid, 1959

*Stenophylax clavatus* (AV Martynov, 1916) (Syntypes from Georgia and Azerbaijan)

*Micropterna clavatus* AV Martynov, 1916

*Stenophylax coiffaiti* (H Decamps, 1963) (Listed from northwestern Turkey as *Micropterna coiffaiti* by F Sipahiler, 2007, Braueria 34: 40 Lebanon)

*Micropterna coiffaiti* H Decamps, 1963

*Stenophylax crossotus* R McLachlan, 1884 (France(Corsica))



Syn.: *Stenophylax cirratus* L Navas, 1917  
Syn.: *Stenophylax comes* L Navas, 1923  
*Stenophylax curvidens* F Schmid, 1957 (Male re-illustrated by K Kumanski, 2006, *Braueria* 33: 19)

Male redescribed, distribution discussed, reported from Tunisia by K Kumanski, 2007, *Braueria* 33: 18-19, f 7 Algeria)  
*Stenophylax espanioli* F Schmid, 1957 (Larva similar to that of *Stenophylax permistus* R McLachlan according to N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2004, *Graellsia* 60(1): 59 Spain)  
*Stenophylax fissus* (R McLachlan, 1875) (Reported from Turkey as *Micropterna fissa* by K Kumanski & F Sipahiler, 2002, *Historia Naturalis Bulgarica* 15: 127-137 France)  
*Micropterna fissus* R McLachlan, 1875  
Syn.: *Micropterna fuscata* L Navas, 1926  
*Stenophylax hatatitilus* (H Malicky, 1985) (Male and female redescribed by K Kumanski, 1993, *Hist natr bulg* 4: 42, 44-45, f 2A-G, 3)

Reported from Iran as *Micropterna hatatitla* by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey as *Micropterna hatatitla* by F Sipahiler, 2007, *Braueria* 34: 40 Turkey)  
*Micropterna hatatitilus* H Malicky, 1985  
*Stenophylax indicus* (ME Mosely, 1936) : OL (Preoccupied by *Stenophylax indicus* L Navas, 1917, now in *Pseudostenophylax*, and needing replacement)

Reported from Nepal as *Micropterna indica* by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)  
*Micropterna indicus* ME Mosely, 1936  
*Stenophylax kitagamii* M Iwata, 1927 (Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168 type specimens in Center for Ecological Research, Kyoto University, and the Kiso Biological Station, Kyoto University, Kisofukushima, according to T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 205 Japan)  
*Stenophylax lateralis* (JF Stephens, 1837) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32)

Reported from Oestfold and Akershus, Norway, as *Micropterna lateralis* (JF Stephens), by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, as *Micropterna lateralis* (JF Stephens), by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Impacts of herbivory on epilithic periphytic algae as *Drusus lateralis* provided by TA Wellnitz & JV Ward, 2000, *Limnol & Oceanogr* 45(1): 64-75

Considered to develop in brackish water, Gulf of Bothnia, Sweden, (as *Micropterna lateralis*) according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, *Braueria* 33: 13

Reported from Gotland Island, Sweden, as *Micropterna lateralis* (JF Stephens), by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Listed from Ukraine, as *Micropterna lateralis* (JF Stephens), by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Reported from Iceland, as *Micropterna lateralis* (JF Stephens), by E Olafsson & GM Gislason, 2010, *Norwegian Journal of Entomology* 57: 17-19 Britain)

*Halesus lateralis* JF Stephens, 1837  
Syn.: *Halesus latipennis* JF Stephens, 1837  
*Stenophylax lavandieri* (H Decamps, 1972) (France)  
*Micropterna lavandieri* H Decamps, 1972  
*Stenophylax libana* (H Malicky & A Dia, 1997) (Lebanon)  
*Micropterna libana* H Malicky & A Dia, 1997  
*Stenophylax malaspina* (F Schmid, 1957) (Turkey)  
*Micropterna malaspina* F Schmid, 1957  
*Stenophylax malatesta* (F Schmid, 1957) (Recorded from Morocco by L Botosaneanu, 1999, Bull Soc Entomol France 104(20): 113-116 Algeria)  
*Micropterna malatesta* F Schmid, 1957  
*Stenophylax meridiorientalis* H Malicky, 1982 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 40

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Greece)  
*Stenophylax minoicus* H Malicky, 1982 (Greece (Crete))  
*Stenophylax mitis* R McLachlan, 1875 (Larval habitat temporary water by U Kampwerth, 1998, Lauterbornia 34: 121-129

Distribution expansion in Eichtersbach Valley, Brecht Area, Germany, by PJ Neu, 1999, Dendrocopos 2692): 301-318

Reported from The Netherlands by L Botosaneanu, Entomologische Berichten (Amsterdam) 65(1): 17-20 Bosnia ("Carniola")

*Stenophylax mucronatus* R McLachlan, 1880 (Reported from Luxembourg by PJ Neu, 2005, Lauterbornia 54: 79-90 Switzerland)

Syn.: *Stenophylax racovitzai* L Botosaneanu, 1959

*Stenophylax muehleni* (R McLachlan, 1884) : OL, PA (Reported from Iran, as *Micropterna muehleni* R McLachlan, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Female illustrated by H Malicky, 1985, Mitt Ent Ges Basel NF 35: 221 is not this species, but an unknown species according to H Malicky, 2005, Linzer biol Beitr 37(1): 577 Iran)

*Micropterna muehleni* R McLachlan, 1884

*Stenophylax nycterobius* (R McLachlan, 1875) : PA (Listed from northwestern Turkey as *Micropterna nycterobia* by F Sipahiler, 2007, Braueria 34: 40

Listed from Ukraine, as *Micropterna nycterobia* R McLachlan, by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Austria)

*Micropterna nycterobius* R McLachlan, 1875

Syn.: *Micropterna bofilli* L Navas, 1919

Syn.: *Micropterna ventralis* L Navas, 1915

Syn.: *Stenophylax striatus* F Kolenati, 1848

*Stenophylax permistus* R McLachlan, 1895 (A replacement name for *Stenophylax concentricus* R McLachlan (not *Phryganea* (now *Anabolia*) *concentrica* JW Zetterstedt) [although this is an unnecessary replacement, according to the International Code of Zoological Nomenclature Article 59(d), the replacement name is now well-established]

Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhøy, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 247

Reported from France by L Rose, 2000, *Revue Vervietoise d'Histoire Naturelle* 2000: 89-95

Peritrophic membrane morphology and synthesis discussed by C Corallini, 2005, *Proc Internatn Symp Trichoptera* 11: 101-106

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64, 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Europe)

Syn.: *Stenophylax concentricus* R McLachlan, 1875

*Stenophylax sequax* (R McLachlan, 1875) : PA (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, *Fauna norv Ser B* 37: 23-32

Reported from Oestfold and Akershus, Norway, as *Micropterna sequax* R McLachlan, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, *Fauna norv Ser B* 40: 1-12

Reported from Buskerud, Norway, as *Micropterna sequax* R McLachlan, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, *Fauna norv Ser B* 40: 49-57

Larval case discussed by E Gaino, F Cianficconi, M Reborra, and B Todini, 2002, *Ital J Zool* 69: 141-145

Considered to develop in brackish water, Gulf of Bothnia, Sweden, (as *Micropterna sequax*) according to B Gullefors, 2005, *Proc Internatn Symp Trichoptera* 11: 137-147

Listed from northwestern Turkey as *Micropterna sequax* by F Sipahiler, 2007, *Braueria* 34: 40

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Midgut epithelial goblet cells absent according to C Corallini, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 76

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 64, 70

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120 Britain)

*Micropterna sequax* R McLachlan, 1875

Syn.: *Micropterna affinis* , 1951

Syn.: *Micropterna lateralis* , 1880

Syn.: *Micropterna taeniata* L Navas, 1917

*Stenophylax sinensis* (N Banks, 1940) : OL (China (Sichuan))

*Psilopterna sinensis* N Banks, 1940

*Stenophylax sipahilerae* (K Kumanski & H Malicky, 1997) (Turkey)

*Micropterna sipahilerae* K Kumanski & H Malicky, 1997

*Stenophylax solotarewi* (AV Martynov, 1913) (Reported from Iran, as *Micropterna solotarewi* AV Martynov, by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Reported from Iran as *Micropterna solotarewi* AV Martynov by P Chvojka, 2006, *Acta Entomologica Musei Nationalis Pragae* 46: 254 Russia (Caucasus))

*Micropterna solotarewi* AV Martynov, 1913

Syn.: *Micropterna caspicus* F Schmid, 1959

Syn.: *Micropterna lasareus* J Olah, 1985  
*Stenophylax tauricus* (AV Martynov, 1917) (Reported from Iran, as *Micropterna taurica* AV Martynov, by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey as *Micropterna taurica* by F Sipahiler, 2007, *Braueria* 34: 40

Listed from Ukraine as *Micropterna taurica* AV Martynov by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Ukraine (Crimea))

*Micropterna tauricus* AV Martynov, 1917

Syn.: *Micropterna lindbergi* B Tjeder, 1952

Syn.: *Micropterna triangularis* F Schmid, 1964

*Stenophylax terekensis* (AV Martynov, 1913) (Russia (Northern Osetia))

*Mesophylax terekensis* AV Martynov, 1913

*Stenophylax testaceus* (JF Gmelin, 1789) (Peritrophic membrane morphology and synthesis discussed (as *Micropterna testacea*) by C Corallini, 2005, *Proc Internatn Symp Trichoptera* 11: 101-106

Listed from Ukraine as *Micropterna testacea* (JF Gmelin) by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Larva of *Micropterna testacea* keyed by J Waringer, W Graf, SU Pauls, A Previsic, & M Kucinic, 2010, *Denisia* 29: 390, f 38 no locality given)

*Phryganea testaceus* JF Gmelin, 1789

Syn.: *Mesophylax impunctatus* W Doehler, 1914

Syn.: *Micropterna orophila* JPEF Stein, 1874

Syn.: *Phryganea brunnea*, 1791

*Stenophylax thaleri* (H Malicky, 1985) (Morocco)

*Micropterna thaleri* H Malicky, 1985

*Stenophylax torosicus* L Botosaneanu, 1995 (Turkey)

Syn.: *Stenophylax tauricus* F Schmid, 1964

*Stenophylax vibex* (J Curtis, 1834) (Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353

Reported from Andorra by JM Menendez & MA Gonzalez, 2010, *Boln Asoc esp Ent* 34(1-2): 120 Britain)

*Limnephilus vibex* J Curtis, 1834

Syn.: *Stenophylax speluncarum* R McLachlan, 1875

Syn.: *Stenophylax striatus flavescens* F Kolenati, 1848

*Stenophylax wagneri* (H Malicky, 1971) (Italy)

*Micropterna wagneri* H Malicky, 1971

*Stenophylax zarathustra* H Malicky, 1982 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Stenopsyche* R McLachlan, 1866

*Stenopsyche alamkrita* F Schmid, 1969 : OL (India)

*Stenopsyche angustata* AV Martynov, 1930 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29

Larva and female described by DH Hoang & YJ Bae, 2007, *Zootaxa* 1624: 2, figs

Reported from Vietnam, China by J Olah & H Malicky, 2010, *Braueria* 37: 24 China [Chin-Fu-San, western province XX?])

*Stenopsyche apiguna* F Schmid, 1969 : OL (India)

*Stenopsyche appendiculata* C Hwang, 1963 : OL (China (Yunnan))

*Stenopsyche arodi* H Malicky, 2008 : OL (Male described originally near *Stenopsyche paranavasi* QL Hwang & LX Tian and *Stenopsyche ghaikamaidanwalla* F Schmid Holotype--Male; LAOS: Phongsaly, v-2004, leg Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Stenopsyche arvadit* H Malicky, 2008 : OL (Male described originally Holotype--Male; TAIWAN: Ilan Province, Fushan, 29-ix-1995, leg LJ Wang; deposited in the H Malicky Collection, Lunz am See, Austria Taiwan)

*Stenopsyche babeana* J Olah & H Malicky, 2010 : OL (Male described originally in the *Stenopsyche marmorata* Group near *Stenopsyche fukienica* F Schmid Holotype--Male; VIETNAM: Bac Kan Province, Ba Be National Park, near park headquarters, 1-v-2007, collected at light [G Csorba]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Stenopsyche banksi* ME Mosely, 1942 : OL (China (Fujian))

*Stenopsyche benaventi* L Navas, 1934 : OL (India)

Syn.: *Parastenopsyche composita* AV Martynov, 1935

Syn.: *Stenopsyche eurycephala* L Navas, 1935

*Stenopsyche bergeri* AV Martynov, 1926 (Female genitalia illustrated by K Kumanski, 1992, *Ins Koreana* 9: 58, f 22-23)

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 321-334 (Russia (Vladivostok))

*Stenopsyche bilobata* L Tian & Y Li, 1991 : OL (China (Hubei))

*Stenopsyche brevata* L Tian & J Zheng, 1989 : OL (China (Yunnan))

*Stenopsyche chagyaba* L Tian, 1985 : OL (China (Tibet))

*Stenopsyche chekiangana* F Schmid, 1965 : OL (China (Zhejiang))

*Stenopsyche chinensis* C Hwang, 1957 : OL (China (Fujian))

*Stenopsyche cinerea* L Navas, 1930 : OL (China (Yunnan))

*Stenopsyche complanata* L Tian & Y Li, 1991 : OL (China (Hubei))

*Stenopsyche conthienga* J Olah & H Malicky, 2010 : OL (Male described originally in the *Stenopsyche martynovi* Group near *Stenopsyche banksi* ME Mosely Holotype--Male; VIETNAM: Quang Tri Province, Huang Hoa District, Huang Hoa Nature Reserve, near Cup Village, centered at 16°56'15"N, 106°34'52"E, 400 m, 7-10-xi-2007, collected at light [G Csorba]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Stenopsyche coomani* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29)

Nomen dubium according to DH Hoang & YJ Bae, 2007, *Zootaxa* 1624: 4 Vietnam)

*Stenopsyche coreana* (S Kuwayama, 1930) ([female genitalia illustrated by K Kumanski, 1992, *Ins Koreana* 9: 58, f 20-21] Korea)

*Parastenopsyche coreana* S Kuwayama, 1930

*Stenopsyche dakpri* DH Hoang & YJ Bae, 2007 : OL (Vietnam)

*Stenopsyche dentata* L Navas, 1930 : OL (China (Guangdong))

*Stenopsyche denticulata* G Ulmer, 1926 : OL (China (Guangdong))

*Stenopsyche dentigera* G Ulmer, 1932 : OL (China (Fujian))

*Stenopsyche dirghajihvi* F Schmid, 1969 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 India)

*Stenopsyche drakon* JS Weaver, 1987 : OL (Taiwan)

*Stenopsyche dubia* F Schmid, 1965 : OL (China (Fujian))

*Stenopsyche dvyankopayukia* F Schmid, 1969 : OL (India)

*Stenopsyche fissa* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 29)

Nomen dubium according to DH Hoang & YJ Bae, 2007, *Zootaxa* 1624: 7 Vietnam)

*Stenopsyche formosana* M Kobayashi, 1987 : OL (Taiwan)

*Stenopsyche fukienica* F Schmid, 1965 : OL (China (Fujian))

*Stenopsyche furcatula* AV Martynov, 1935 : OL (India)

*Stenopsyche ghaikamaidanwalla* F Schmid, 1965 : OL (China (Tibet))

Syn.: *Stenopsyche paranavasi* C Hwang & L Tian, 1982

*Stenopsyche grahami* AV Martynov, 1931 : OL (China (Sichuan))

*Stenopsyche griseipennis* R McLachlan, 1866 : OL (Reported from Nepal by H Malicky, 2006,

Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
Syn.: *Philopotamopsis japonica* M Iwata, 1927  
Syn.: *Stenopsyche quadrilobata* AV Martynov, 1935  
*Stenopsyche haimavatika* F Schmid, 1969 : OL (Nutrition, life cycle, development discussed by RS Bisht & M Mohan, 2001, Indian Journal of Entomology 63(1): 1-7

Parasitized by Hydrarachna in India (Uttaranchal, Garhwal Hills) according to RC Bisht, M Mohan, & CS Saklani, 2001, Indian Journal of Entomology 63(4): 484-486

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Stenopsyche hamata* L Navas, 1930 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)  
*Stenopsyche himalayana* AV Martynov, 1926 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Stenopsyche huangi* L Tian, 1985 : OL (China (Tibet))  
*Stenopsyche kharbinica* L Navas, 1930 (China (Manchuria))  
*Stenopsyche khasia* DE Kimmins, 1958 : OL (India)  
*Stenopsyche kodaikanalensis* BG Swegman & WP Coffman, 1980 : OL (India)  
*Stenopsyche laminata* G Ulmer, 1926 : OL (Reported from Vietnam, China, Laos by J Olah & H Malicky, 2010, Braueria 37: 25 China (Guangdong))  
*Stenopsyche lanceolata* C Hwang, 1963 : OL (China (Yunnan))  
Syn.: *Stenopsyche haimavatika* F Schmid, 1969  
Syn.: *Stenopsyche yunnanensis* C Hwang, 1963  
*Stenopsyche lobulata* L Navas, 1930 : OL (Laos)  
*Stenopsyche longispina* G Ulmer, 1926 : OL (China (Guangdong))  
*Stenopsyche lotus* JS Weaver, 1987 : OL (China (Zhejiang))  
*Stenopsyche marmorata* L Navas, 1920 (Reported in the Sikhote-Alinskyi Biosphere Reserve, Far East Russia by E Potikha, 1991, Acta Hydroentomologica Latvica 1:38-45

Female genitalia illustrated by K Kumanski, 1992, Ins Koreana 9: 57, f 18-19

Larval ecology by SL Kocharina, 1997, Russ J Aq Ecol 6(1-2): 43-51

Cell size, forewing length, egg volume, and sperm length in relation to temperature in Japan described by F Hayashi, M Ishikawa, N Kuhara, M Tanaka, & H Hattori, 1999, Proc Internatn Symp Trich 9: 125-132

Accumulation of trace metals reported by H Tochimoto, T Maki, M Afzal, & S Tanabe, 2003, Ecotoxicology and Environmental Safety 56(2): 256-264

Effect of bank protection on population in central Japan reported by K Hirabayashi, Y Fukunaga, & G Kimura, 2004, Korean Journal of Limnology 37(4): 400-405

Bioaccumulation of cyanobacterial toxin microcystin and ecological implications reported by Y Katagami, T Tanaka, T Honma, A Yokoyama, & H-D Park, 2004, Japanese Journal of Limnology 65(1): 1-12

Life cycle and habitat in Yumesaki River, Central Japan, described by C Kugo, N Nishimura, & M Wakazono, 2005, Proc Internatn Symp Trichoptera 11: 223-227

Listed from China (Xinjiang) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 469, 470, 471

Reported from Siberia (Novosibirsk) by MA Beketov, 2006, Braueria 33: 13

Effects of interspecific competition discussed by R Chubachi, 2006, Tokushima Daigaku So-go Kagakubu Shizen Kagaku Kenkyu 20: 15-24

Influence on stream substrate stability reported by A Takao, JN Negishi, M Nunokawa, T Gomi, & O Nakahara, 2006, Journal of the North American Benthological Society 25(3): 545-555

Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24

Distribution of larva in Shinana River, Japan, provided by K Hirabayashi, Y Fukunaga, G Kimura, K Tsushima, T Tokioka, M Denda, & K Amano, 2007, Proceedings of the International Symposium on Trichoptera 12: 135-142

Distributed in Japan (Hokkaido, Honshu, Shikoku, Kyushu), Russia (Kuriles, Sakhalin, Far East), China, Korea according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Tibial spinules, sensilla, spurs, and spines described by TS Vshivkova, IC Stocks, JC Morse, & NN Naryshkina, 2007, Proceedings of the International Symposium on Trichoptera 12: 321-334

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101

Reported from northern middle Siberia by MA Beketov, 2008, Entomological News 119(3): 299-302

Male and female redescribed, 397 bp of COI gene sequenced by T Nozaki, TI Arefina, & Y Hayashi, 2008, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 104-105, f 1, 3, 4

Reported from Japan (Honshu: Nagano Prefecture) by G Kimura, E Inoue, & K Hirabayashi, 2008, Proceedings of the 6th International Conference on Urban Pests, pp 259-266 Japan)

Syn.: *Stenopsyche japonica* AV Martynov, 1926

Syn.: *Stenopsyche sachalinensis* S Matsumura, 1931

*Stenopsyche marmorata insularis* W Mey, 1991 (

~*marmorata* L Navas, 1920, Revista Ac Cienc Madrid 18: 164, f 6 a-b)

*Stenopsyche martynovi* N Banks, 1940 : OL (China (Guangdong))

*Stenopsyche maxima* AV Martynov, 1926 : OL (China (Sichuan))

*Stenopsyche midian* H Malicky, 2009 : OL (Male described originally near *Stenopsyche similis* G Ulmer Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-19-- m, 20\*12'N, 104\*01'E, 22-iv-15-v-2008, leg C Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Stenopsyche moselyi* N Banks, 1940 : OL (China (Sichuan))

Syn.: *Stenopsyche sichuanensis* L Tian & J Zheng, 1989

*Stenopsyche navasi* G Ulmer, 1926 : OL (China (Shantung))

*Stenopsyche ochripennis* H Albarda, 1881 : OL (Reported from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Reported new record from Indonesia (Sumatra) by J Olah & KA Johanson, 2010, Zootaxa 2618: 3

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Stenopsyche omeiensis* C Hwang, 1957 : OL (China (Sichuan))

*Stenopsyche pallens* T Nozaki, TI Arefina, & Y Hayashi, 2008 (Male and female described , 397 db of COI gene sequenced, originally near *Stenopsyche marmorata* L Navas Holotype--Male; RUSSIA: Sakhalin, 49\*19.50'N, 142\*58.58'E, south bank of Leonidovka River, 10 km northwest of Poronaysk, 9-viii-2001, B Martin & N Minakawa; deposited in the Laboratory of Systematic Entomology, Hokkaido University, Japan Russia (Sakhalin))

*Stenopsyche pallidipennis* AV Martynov, 1926 : OL (India)

- Stenopsyche pjasetzkyi* AV Martynov, 1914 : OL (China (Hubei))  
*Stenopsyche pubescens* F Schmid, 1959 (China (Tapaishan - Shaanxi))  
*Stenopsyche rotundata* F Schmid, 1965 : OL (China ("Tsingtau"))  
*Stenopsyche sauteri* G Ulmer, 1907 : OL (Cell size, forewing length, egg volume, and sperm length in relation to temperature in Japan described by F Hayashi, M Ishikawa, N kuhara, M Tanaka, & H Hattori, 1999, Proc Internatn Symp Trich 9: 125-132)
- Life cycle and habitat in Yumesaki River, Central Japan, described by C Kugo, N Nishimura, & M Wakazono, 2005, Proc Internatn Symp Trichoptera 11: 223-227
- Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24
- Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)  
*Stenopsyche schmidi* JS Weaver, 1987 (Cell size, forewing length, egg volume, and sperm length in relation to temperature in Japan by F Hayashi, M Ishikawa, N kuhara, M Tanaka, & H Hattori, 1999, Proc Internatn Symp Trich 9: 125-132 Japan)  
*Stenopsyche siamensis* AV Martynov, 1931 : OL (Life history described by P Laudee & P Chantaramongkol, 2003, Braueria 30: 23-24)
- Variations in male genitalia described by N Klaithong, 2003, Braueria 30: 41-42 and H Malicky, 2003, Braueria 30: 42
- Larval morphological responses to ecotoxicity described by P Luadee and P Chantaramongkol, 2002, Proc Internatn Symp Trich 10: 435-438
- Reported from Vietnam by TKT Cao, VVNguyen, & YJ Bae, 2008, Proceedings of the International Symposium on Aquatic Entomology in East Asia 3: 3-20
- Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27
- Reported from Vietnam, Thailand, Malaysia (Peninsular), Cambodia by J Olah & H Malicky, 2010, Braueria 37: 25 Thailand)  
*Stenopsyche similis* G Ulmer, 1927 : OL (Phenology in India (Himachal Pradesh) provided by H Malicky, 2003, Linzer Biol Beitr 35(2): 906-907, f 2)
- Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
 Syn.: *Stenopsyche montana* L Navas, 1932  
*Stenopsyche simplex* F Schmid, 1959 (China (Tapaishan - Shaanxi))  
*Stenopsyche sinanoensis* (M Kobayashi, 1954) (Japan)  
*Parastenopsyche sinanoensis* M Kobayashi, 1954  
*Stenopsyche splendida* AV Martynov, 1935 : OL (New record for Sikkim, India, provided by M Majumdar, 2003, in JRB Alfred, Fauna of Sikkim (part 4) (State Fauna Series 9), pp 343-368; India)  
*Stenopsyche stoetzneri* W Doehler, 1929 : OL (China (Sichuan))  
*Stenopsyche taiwanensis* JS Weaver, 1987 (Taiwan)  
*Stenopsyche tapaishana* F Schmid, 1959 (China (Tapaishan - Shaanxi))  
*Stenopsyche tibetana* L Navas, 1932 : OL (China (Tibet))  
*Stenopsyche tienmushanensis* C Hwang, 1957 : OL (China (Zhejiang))  
 Syn.: *Stenopsyche duplex* F Schmid, 1959  
*Stenopsyche triangularis* F Schmid, 1959 (China (Tapaishan - Shaanxi))  
*Stenopsyche trilobata* L Tian & JS Weaver, 1988 : OL (China (Guangdong))  
*Stenopsyche ulmeri* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29)
- Larva and female described by DH Hoang & YJ Bae, 2007, Zootaxa 1624: 11, figs Vietnam)  
*Stenopsyche ulmeriana* G Marlier, 1950 : AT (Democratic Republic of the Congo)  
*Stenopsyche uncinata* L Navas, 1930 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI



Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Variability discussed, reported from Vietnam by J Olah & H Malicky, 2010, Braueria 37: 25 Vietnam)

*Stenopsyche uncinatella* FCJ Fischer, 1961 : OL (China (Sichuan))

Syn.: *Stenopsyche uncinata* L Navas, 1936

*Stenopsyche uniformis* F Schmid, 1965 : OL (China (Fujian))

*Stenopsyche variabilis* K Kumanski, 1992 (Korean People's Democratic Republic)

*Stenopsyche vicina* L Navas, 1932 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Nomen dubium according to DH Hoang & YJ Bae, 2007, Zootaxa 1624: 11 Vietnam)

*Stenopsychodes* G Ulmer, 1916

*Stenopsychodes aureoniger* F Schmid, 1969 : AU (Australia)

*Stenopsychodes hiemalis* RJ Tillyard, 1922 : AU (Australia)

*Stenopsychodes lineatus* A Neboiss, 1977 : AU (Australia)

*Stenopsychodes melanochrysus* RJ Tillyard, 1922 : AU (Australia)

*Stenopsychodes mjoebergi* G Ulmer, 1916 : AU (Australia)

*Stenopsychodes montanus* RJ Tillyard, 1922 : AU (Australia)

Syn.: *Stenopsychodes venustus* DE Kimmins, 1953

*Stenopsychodes opsius* A Neboiss, 1974 : AU (Australia)

*Stenopsychodes syrdenus* A Neboiss, 1974 : AU (Australia)

*Stenopsychodes tillyardi* N Banks, 1939 : AU (Australia)

*Streptopsyche* HH Ross & JD Unzicker, 1977

*Streptopsyche antilles* (HH Ross & BB Palmer, 1946) : NT (Male and female described originally

Known from Haiti (Departement de l'Ouest) and Dominican Republic (El Seibo, Elias Pina, San Juan) according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 20

Transferred to Calosopsyche in the Calosopsyche antilles Group, synonymizing Streptopsyche with Calosopsyche, by J Olah & KA Johanson, 2008, Zootaxa 1802: 55

Streptopsyche is valid genus, with this species as type species, according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 925 Holotype--Male; DOMINICAN REPUBLIC: "small mountain stream tributary to one of the rivers running to Trujillo City" [presumably in Distrito Nacional according to OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 20] Dominican Republic)

*Hydropsyche antilles* HH Ross & BB Palmer, 1946

*Streptopsyche davisorum* HH Ross & JD Unzicker, 1977 : NT (Male described originally

Classified in Hydropsyche by L Botosaneanu, 1996, Bull de l'Inst R des Sci Natur de Belgique, Entomol 66: 18

Larva and pupa indistinguishable from those of Streptopsyche parander (L Botosaneanu, 1996) according to OS Flint, 2002, Proc Internatn Symp Trich 10: 409-410

Known distribution in Dominican Republic (Elias Pina, Duarte, Baoruco, Dajabon) provided by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 20

Transferred to Calosopsyche in the Calosopsyche antilles Group by J Olah & KA Johanson, 2008, Zootaxa 1802: 55

Streptopsyche is valid genus according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, Journal of the North American Benthological Society 29(3): 925 Dominican Republic)

*Streptopsyche parander* (L Botosaneanu, 1996) : NT (Male and female described originally)

Transferred from *Hydropsyche* to *Streptopsyche* by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), *Insecta Mundi* 13(1-2): 76

Larva and pupa described by OS Flint, 2002, *Proc Internatn Symp Trich* 10: 407-414, f 1-11

Known distribution in Sierra de Baoruco in Dominican Republic (Barahona, Independencia, Pedernales) reported by OS FLint & JL Sykora, 2004, *Ann Carnegie Mus* 73(1): 20

Transferred from *Streptopsyche* to *Calosopsyche* in the *Calosopsyche antilles* Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 55

*Streptopsyche* is valid genus according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 925 Dominican Republic)

*Hydropsyche parander* L Botosaneanu, 1996

*Streptopsyche praecipua* OS FLint & JL Sykora, 2004 : NT (Male described originally, near *Streptopsyche antilles* (HH Ross & BB Palmer), as possible synonym of *Calosopsyche bohio* (L Botosaneanu), from Haiti (Departement de l'Ouest)

Transferred from *Streptopsyche* to *Calosopsyche* in the *Calosopsyche antilles* Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 55

*Streptopsyche* is valid genus according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 925 Holotype--Male; HAITI: Departement de l'Ouest, Manneville, 6-10 Feb 1922, about 60 ft alt [about 18 m], F 4629, L; deposited in the American Museum of Natural History, New York, New York, United States of America Haiti)

*Streptopsyche rawlini* OS FLint & JL Sykora, 2004 : NT (Male and female described originally, near *Streptopsyche parander* (L Botosaneanu) and *Streptopsyche davisorum* Ross & Unzicker, from Haiti (Departement du Sud)

Transferred from *Streptopsyche* to *Calosopsyche* in the *Calosopsyche antilles* Group by J Olah & KA Johanson, 2008, *Zootaxa* 1802: 55

*Streptopsyche* is valid genus according to CJ Geraci, X Zhou, JC Morse, & KM Kjer, 2010, *Journal of the North American Benthological Society* 29(3): 925 Holotype--Male; HAITI: Departement du Sud, S slope Morne Formon, Ville Formon, 31 km NW Les Cayes, Massif de la Hotte, 18°20'N, 74°01'W, 1405 m, 7-8 September 1995, disturbed forest and fields, J Rawlins, R Davidson, G Onore; deposited in the Carnegie Museum of Natural History, Pittsburgh, Pennsylvania, United States of America Haiti)

*Sutheptila* H Malicky & P Chantaramongkol, 2007

*Sutheptila kjaerandseni* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally Holotype--Male; THAILAND: Doi Suthep National Park, near Tempel, 18°48'N, 98°55'E, 1200 m, 10-iii-1992, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Symphitoneuria* G Ulmer, 1906

*Symphitoneuria ampla* K Korboot, 1964 : AU (New Guinea)

*Symphitoneuria clara* JB Ward, 2001 : AU (Male described originally, close to *Symphitoneuria licmetica* A Neboiss

Male redescribed by T Malm & KA Johanson, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 188-190, f 30-36 Holotype--Male; New Caledonia: Col d'Amieu, 20 October 1978, JS Dugdale and KJ Fox; in alcohol, wings on slide 397; deposited in the Canterbury Museum, Canterbury, New Zealand New Caledonia)

*Symphitoneuria dammermanni* G Ulmer, 1951 : OL (Indonesia (Sumba))

*Symphitoneuria digitata* T Malm & KA Johanson, 2007 : AU (Male described originally near *Symphitoneuria lacsensis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, small river under bridge on road Noumea-Yate, 1.5 km S Yate Dam, 22\*09.955'S, 166\*52.905'E, 160 m, 12-xi-2003, light trap, loc #026, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Symphitoneuria exigua* (R McLachlan, 1862) : AU (Australia)

*Leptocerus exigua* R McLachlan, 1862

*Symphitoneuria lacsensis* T Malm & KA Johanson, 2007 : AU (Male described originally near *Symphitoneuria digitata* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Riviere des Lacs, 1.1 km NW Lac en Huit, 4.9 km NW summit of Pic du Grand Kaoir, 22\*15.195'S, 166\*52.178'E, 10-xii-2003, light trap, loc #078, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Symphitoneuria licmetica* A Neboiss, 1986 : AU (Male redescribed by T Malm & KA Johanson, 2007, Proceedings of the International Symposium on Trichoptera 12: 187-188, f 23-29 New Caledonia)

*Symphitoneuria opposita* (F Walker, 1852) : AU (Australia)

*Leptocerus opposita* F Walker, 1852

*Symphitoneuria sabaensis* T Andersen & J Huisman, 1997 : OL (Malaysia (Sabah))

*Symphitoneuria triangulata* T Malm & KA Johanson, 2007 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Nord, Mt Panie, 20\*57.306'S, 164\*77.139'E, 902 m, 9-xii-2003, Malaise trap, loc #075, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Symphitoneuria wheeleri* N Banks, 1939 : AU (Larva described by RM St Clair, 2002, Records of the Western Australian Museum 21(2): 116, figs Australia)

*Symphitoneurina* F Schmid, 1950

*Symphitoneurina fulva* (L Navas, 1932) : AU (New Guinea)

*Symphitoneuria fulva* L Navas, 1932

*Synchorema* RJ Tillyard, 1924

*Synchorema tillyardi* AG McFarlane, 1964 : AU (c New Zealand)

*Synchorema zygoneurum* RJ Tillyard, 1924 : AU (Emended from *Synchorema zygoneura* by JB Ward, 1999, Rec Canterbury Mus 13: 92 New Zealand)

*Synoestropsis* G Ulmer, 1905

*Synoestropsis ecliptica* (L Navas, 1920) : NT (Argentina)

*Chiasmodes ecliptica* L Navas, 1920

*Synoestropsis euryphlebia* L Navas, 1934 : NT (French Guiana)

*Synoestropsis furcata* OS Flint, 1974 : NT (Larva described from Brazil by AR Calor, 2008, Aquatic Insects 30(4): 319-325 Guyana)

*Synoestropsis grisoli* L Navas, 1924 : NT (Venezuela)

*Synoestropsis manicata* (L Navas, 1920) : NT (Argentina)

*Chiasmodes manicata* L Navas, 1920

*Synoestropsis obliqua* G Ulmer, 1905 : NT (Brazil)

*Synoestropsis pedicillata* G Ulmer, 1905 : NT (Brazil)

*Synoestropsis punctipennis* G Ulmer, 1905 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 42 Colombia)

*Synoestropsis stictonota* L Navas, 1932 : NT (Brazil)

*Synoestropsis vitrea* L Navas, 1920 : NT (Argentina)

*Tagalopsyche* N Banks, 1913

*Tagalopsyche aethiopica* DE Kimmins, 1963 : AT (Ethiopia)

*Tagalopsyche apratita* RW Holzenthal & T Andersen, 2007 : OL (India (Assam))

*Tagalopsyche brunnea* (G Ulmer, 1905) : OL (Male redescribed from Indonesia (Sumatra), Thailand, and Malaysia (Sabah) by H Malicky, 2006, Linzer Biologische Beitrage 38(2): 1511, pl

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Java)

*Setodes brunnea* G Ulmer, 1905

Syn.: *Tagalopsyche fletcheri* DE Kimmins, 1963

*Tagalopsyche jolandae* RW Holzenthal & T Andersen, 2007 : OL (Brunei)

*Tagalopsyche kjaerandseni* RW Holzenthal & T Andersen, 2007 : AT (Ghana)

*Tagalopsyche orpheus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Tagalopsyche osiris* H Malicky & T Prommi Holotype--Male; THAILAND: Kao Soi Dao National Park, 400 m, 13°06'N, 102°10'E, 23-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Tagalopsyche osiris* H Malicky & T Prommi, 2006 : OL (Male described originally near *Tagalopsyche brunnea* G Ulmer Holotype--Male; THAILAND: Doi Suthep, Montatan Waterfall, 550 m, 18°49'N, 098°55'E, 8-iv-1996, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Tagalopsyche sisyroides* N Banks, 1913 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Philippines)

*Tagalopsyche udagama* RW Holzenthal & T Andersen, 2007 : OL (India (Karnataka))

*Talgara* W Mey, 1991

*Talgara nikolaevi* (W Mey & R Jung, 1989) (Kazakhstan)

*Apataniana nikolaevi* W Mey & R Jung, 1989

*Tamasia* ME Mosely, 1936

*Tamasia acuta* A Neboiss, 1984 : AU (Australia)

*Tamasia furcilla* A Neboiss, 1984 : AU (Australia)

*Tamasia variegata* ME Mosely, 1936 : AU (Australia)

*Tangatruchia* A Wells & T Andersen, 1995

*Tangatruchia gracilentia* A Wells & T Andersen, 1995 : AT (Tanzania)

*Tanjilana* A Neboiss, 1962

*Tanjilana akroreia* A Neboiss, 1962 : AU (Australia)

*Tanjilana zotheclusa* A Neboiss, 1962 : AU (Australia)

*Tanjistomella* A Neboiss, 1974

*Tanjistomella verna* A Neboiss, 1974 : AU (Australia)

*Tanorus* A Neboiss, 1984

*Tanorus bibax* F Schmid, 1989 : AU (New Guinea)

*Tanorus densus* (K Korboot, 1964) : AU (Papua New Guinea)

*Ornatus densus* K Korboot, 1964

*Tanorus desidiosus* F Schmid, 1989 : AU (New Guinea)

*Tanorus empheres* A Neboiss, 1984 : AU (Papua New Guinea)

*Tanorus fallax* F Schmid, 1989 : AU (New Guinea)

*Tanorus furax* F Schmid, 1989 : AU (New Guinea)

*Tanorus giluweanus* A Neboiss, 1984 : AU (Papua New Guinea)

*Tanorus mendax* F Schmid, 1989 : AU (New Guinea)

*Tanorus otiosus* F Schmid, 1989 : AU (New Guinea)

*Tanorus papuanus* (DE Kimmins, 1962) : AU (Papua New Guinea)

*Percivalia papuanus* DE Kimmins, 1962

*Tanorus proditor* F Schmid, 1989 : AU (New Guinea)

*Tanorus veterator* F Schmid, 1989 : AU (New Guinea)

*Tarapsyche* AG McFarlane, 1960

*Tarapsyche olis* AG McFarlane, 1960 : AU (New Zealand)

*Taraxitrichia* OS Flint & SC Harris, 1991

*Taraxitrichia amazonensis* OS Flint & SC Harris, 1991 : NT (Larva described, probably this species, by AMO Pes & N Hamada, 2003, Zootaxa 328: 1-7, f 1-16 Venezuela)

*Taschorema* ME Mosely, 1936

*Taschorema apobamum* A Neboiss, 1977 : AU (Australia)

*Taschorema asmanum* ME Mosely, 1936 : AU (Australia)

*Taschorema dispatens* A Neboiss, 2002 : AU (Holotype--Male; Australia: Tasmania, LaPerouse, source of d'Entrecasteaux River, alt 840 m, 15 Feb 1988, PB McQuillan and A Neboiss (genitalia prep PT-1699 illustrated); deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Taschorema evansi* ME Mosely, 1953 : AU (Australia)

*Taschorema ferulum* A Neboiss, 1977 : AU (Australia)

*Taschorema ithyphallicum* (F Schmid, 1989) : AU (Transferred to *Taschorema* and male re-described by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 48, f 5C Holotype--Male; Australia: Tasmania, Franklin River Roaring Creek junction, 1 km above Gordon River, 8 Jan 1977, D Coleman, A Neboiss, P Allbrook; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 48) Australia (Tasmania))

*Ethochorema ithyphallicum* F Schmid, 1989

*Taschorema kimminsi* A Neboiss, 1962 : AU (Australia)

*Taschorema pallescens* (N Banks, 1939) : AU (Western Australia)

*Notiobiosis pallescens* N Banks, 1939

*Taschorema pedunculatum* S Jacquemart, 1965 : AU (Female described and additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 49, f 5D-F Holotype--Male; Australia: Tasmania, Cradle Mountain, 12 Jan 1923; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 49) Australia (Tasmania))

*Taschorema rugulum* A Neboiss, 1962 : AU (Australia)

*Taschorema viridarium* A Neboiss, 1962 : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 49 Holotype--Male; Australia: Tasmania, Broad River nr Lake Dobson, Mt Field National Park, 6 Nov 1955; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proceedings of the Royal Society of Tasmania 136: 49) Australia (Tasmania))

*Tascuna* A Neboiss, 1975

*Tascuna ignota* A Neboiss, 1975 : AU (Female described, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 74, f 23G-H Holotype--Male; Australia: Tasmania, Waldheim, Cradle Mountain National Park, 7 Feb 1971; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 74) Australia (Tasmania))

*Tasiagma* A Neboiss, 1977

*Tasiagma ciliata* A Neboiss, 1977 : AU (Australia)

*Tasiagma eremica* A Neboiss, 1986 : AU (Lord Howe Island)

*Tasimia* ME Mosely, 1936

*Tasimia atra* (N Banks, 1939) : AU (Australia)

*Molanniella atra* N Banks, 1939

Syn.: *Tasimia serrata* DE Kimmins, 1953

*Tasimia denticulata* S Jacquemart, 1965 : AU (Australia)  
*Tasimia drepana* A Neboiss, 1977 : AU (Australia)  
*Tasimia natasia* ME Mosely, 1953 : AU (Australia)  
*Tasimia palpata* ME Mosely, 1936 : AU (Influence of Pleistocene glaciation on distribution and evolution reported by C Murria & JM Hughes, 2008, Journal of Biogeography 35(9): 1727-1737 Australia)

*Taskiria* A Neboiss, 1977

*Taskiria austera* A Neboiss, 1977 : AU (Additional Tasmania localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76 Holotype--Male; Australia: Tasmania, West Arthur Plains, 6 Feb 1965; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76) Australia (Tasmania))  
*Taskiria mccubbini* A Neboiss, 1977 : AU (Male genitalia redescribed, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76, f 25A-B Holotype--Male; Australia: Tasmania, Lake Pedder (before flooding), 1 Feb 1965; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76) Australia (Tasmania))  
*Taskiria otwayensis* A Neboiss, 1984 : AU (Australia)

*Taskiropsyche* A Neboiss, 1977

*Taskiropsyche lacustris* A Neboiss, 1977 : AU (Male genitalia redescribed, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76-77, f 25C-E Holotype--Male; Australia: Tasmania, Lake Pedder (before flooding), 1 Feb 1965; deposited in the Museum of Victoria (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 76) Australia (Tasmania))

*Tasmanoplegas* A Neboiss, 1977

*Tasmanoplegas spilota* (A Neboiss, 1977) : AU (Additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 68

Transferred from *Tasmanoplegas* to *Plectrocnemis* by synonymization of the genera by J Olah & KA Johanson, 2010, Zootaxa 2435: 10 Holotype--Male; Australia: Tasmania, West Arthur Plains, 26 Feb 1965; deposited in the Museum of Victoria, Melbourne, Australia (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 68) Australia (Tasmania))

*Tasmanoplegas spilota* A Neboiss, 1977

*Tasmanthrus* ME Mosely, 1936

*Tasmanthrus angustipennis* ME Mosely, 1936 : AU (Female described and male redescribed by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78, f 26A, 27A-F

New locality reported in Australia (Tasmania) by J Olah & KA Johanson, 2010, Zootaxa 2457: 121 Holotype--Male; Australia: Tasmania, Miena, Great Lake, Dec 1930; deposited in The Natural History Museum, London, United Kingdom (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78) Australia (Tasmania))

*Tasmanthrus galbinomaculatus* S Jacquemart, 1965 : AU (Male redescribed, additional Tasmanian localities provided by A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78-79, f 26B, 27G-I Holotype--Male; Australia: Tasmania, Cradle Mountain, 12 Jan 1923; deposited in l'Institut Royal des Sciences Naturelles de Belgique, Brussels, Belgium (A Neboiss, 2002, Papers & Proc R Soc Tasmania 136: 78) Australia (Tasmania))

*Tasmanthrus gwendolensis* A Neboiss, 2002 : AU (Male and female described originally Holotype--Male; Australia: Tasmania, Lake Gwendolen, Frenchmans Cap area, sweep net, 28 Jan 1988, J Jackson; deposited in the Museum of Victoria, Melbourne, Australia Australia (Tasmania))

*Temburongpsyche* H Malicky, 1995

*Temburongpsyche anakan* H Malicky, 1995 : OL (Brunei)

*Thamastes* HA Hagen, 1858

*Thamastes dipterus* HA Hagen, 1858 (Reported from Siberia (Irkutsk Region) by VD Ivanov & SI Melnitsky, 2007, *Braueria* 34: 33

Reported skating on the surface of Lake Baikal, southcentral Russia, according to VD Ivanov & TV Menshutkina, 1996, *Braueria* 23: 13-28 and JC Morse & S Chuluunbat, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 219-227 Russia (south central Siberia))

Syn.: *Thamastes dipneumus* F Schmid, 1953

*Theliopsyche* N Banks, 1911

subgenus *Aopsyche* HH Ross, 1938

*Theliopsyche (Aopsyche) corona* HH Ross, 1938 : NA (United States of America)

subgenus *Theliopsyche* N Banks, 1911

*Theliopsyche (Theliopsyche) epilonis* HH Ross, 1938 : NA (United States of America)

*Theliopsyche (Theliopsyche) grisea* (HA Hagen, 1861) : NA (United States of America)

*Silo grisea* HA Hagen, 1861

*Theliopsyche (Theliopsyche) melas* SW Edwards, 1956 : NA (United States of America)

*Theliopsyche (Theliopsyche) parva* N Banks, 1911 : NA (United States of America)

*Theliopsyche (Theliopsyche) tallapoosa* SC Harris, 1986 : NA (United States of America)

*Thermophylax* AP Nimmo, 1995

*Thermophylax tyoployensis* AP Nimmo, 1995 (Russia (Khabarovsk))

*Thremma* R McLachlan, 1876

*Thremma anomalum* R McLachlan, 1876 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 40 Greece)

*Thremma gallicum* R McLachlan, 1880 (Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 France)

*Thremma gallicum arvernense* J Giudicelli, 1971 (

~*gallicum* R McLachlan, 1880, *Rev Syn Suppl* 2: 58, pl 57 f 1-5)

*Thremma martynovi* H Malicky, 1976 (Turkey)

*Thremma sardoum* A Costa, 1884 (Female described by L Botosaneanu, 2004, *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 46: 176, figs

Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 Italy (Sardinia))

*Thremma sardoum africanum* H Malicky & A Lounaci, 1987 (~*sardoum* A Costa, 1884, *Rend Acc Napoli* 23: 21;

larva described by W Allaya, H Malicky, & M Boumaiza, 2003, *Braueria* 30: 19)

*Thremma tellae* MA Gonzalez, 1978 (Spain)

*Thylakion* KH Barnard, 1934

*Thylakion crenophilum* (S Jacquemart & B Statzner, 1981) : AT (Democratic Republic of the Congo)

*Dolophilodes crenophilum* S Jacquemart & B Statzner, 1981

*Thylakion forcipatum* KH Barnard, 1934 : AT (Republic of South Africa)

*Thylakion natalense* (JC Morse, 1974) : AT (Republic of South Africa)

*Dolophilodes natalense* JC Morse, 1974

*Thylakion urceolum* KH Barnard, 1934 : AT (Occurring in Salt River, South Africa, as *Dolophilodes urceolus*, according to FC de Moor, 2007, *Proceedings of the International*

Symposium on Trichoptera 12: 211-218 Republic of South Africa)

*Tinodes* J Curtis, 1834

*Tinodes (dives) cantabricus* L Botosaneanu & MA Gonzalez, 2001 (Considered a species ("prospecies") of the aggregate ("superspecies") *Tinodes dives* for which the International Code of Zoological Nomenclature (1999) Article 6.2 and Recommendation 6B specify formatting as *Tinodes (dives) cantabricus* L Botosaneanu & MA Gonzalez Spain)

*Tinodes aberrans* DE Kimmins, 1962 : AU (New Guinea)

*Tinodes achaemenides* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Tinodes acheron* H Malicky & P Chantaramongkol, 1996 : OL (Thailand)

*Tinodes achtachastra* F Schmid, 1972 : OL (India)

*Tinodes adhrichtha* F Schmid, 1972 : OL (India)

*Tinodes adjaricus* AV Martynov, 1913 (Georgia)

*Tinodes adjunctus* N Banks, 1937 : OL (Philippines)

*Tinodes adlmansederi* H Malicky, 1982 (Tunisia)

*Tinodes aequispinosus* F Schmid, 1972 : AT (Guinea)

*Tinodes agaricinus* ME Mosely, 1930 (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France (Corsica))

*Tinodes aisakos* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Tinodes akanda* F Schmid, 1972 : OL (India)

*Tinodes akantaka* F Schmid, 1972 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Tinodes alepochori* H Malicky, 1975 (Greece)

*Tinodes algiricus* R McLachlan, 1880 (Algeria)

*Tinodes algiricus hispaniae* L Botosaneanu & D Garcia deJalon, 1987 ( ~algiricus R McLachlan, 1880, Rev Syn Suppl 2: 74, pl 58 f 1-2)

*Tinodes aligi* H Malicky, 1972 (Greece)

*Tinodes alpachastra* F Schmid, 1972 : OL (India)

*Tinodes altsahir* MA Gonzalez & H Malicky, 1988 (Morocco)

*Tinodes amadai* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Tinodes amani* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes inaequispinosus* F Schmid, *Tinodes bicuspidalis* W Mey, *Tinodes uzungwa* KA Johanson & J Olah Holotype--Male; TANZANIA: East Usambara Mts, Amani, 900 m, 1-ix-1981, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes amtkela* W Mey & A Mueller, 1979 (Georgia)

*Tinodes anakkunci* H Malicky, 1995 : OL (Malaysia (Peninsular))

*Tinodes analoka* F Schmid, 1972 : OL (India)

*Tinodes anemoessa* H Malicky, 1984 (Greece)

*Tinodes anibhrita* F Schmid, 1972 : OL (India)

*Tinodes aningalani* W Mey, 1998 : OL (Male described originally, related to *Tinodes mandalagana* W Mey Holotype--Male; Philippines: Panay, Antique, San Reminigio, Aningalan, 750-850 m, 9-4-1995, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Tinodes annulatus* L Navas, 1930 : AT (Democratic Republic of the Congo)

*Tinodes antonioi* L Botosaneanu & M Taticchi-Vigano, 1974 (Genitalia morphology by F Cianficconi, S Mazzerioli, G Moretti, & P Salerno, 1999, Boll Soc Entomol Italiana 131(2): 147-177)

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Tinodes aonensis* M Kobayashi, 1984 (Japan)

*Tinodes aprakrita* F Schmid, 1972 : OL (India)



*Tinodes apteryx* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Tinodes apuanorum* GP Moretti, 1981 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Tinodes arala* F Schmid, 1972 : OL (India)

*Tinodes aravil* LSW Terra & MA Gonzalez, 1992 (Portugal)

*Tinodes archilocos* H Malicky, 1977 (Greece)

*Tinodes arcuatus* O Nybom, 1948 (Spain (Canary Islands))

*Tinodes asangha* F Schmid, 1961 : OL (Pakistan)

*Tinodes ashigarani* M Kobayashi, 1971 (Recorded from Japan by W Mey & T Nozaki, 2007, Braueria 33: 24 Japan)

*Tinodes aspoeckae* H Malicky, 1975 (Greece)

*Tinodes assimilis* R McLachlan, 1865 (Larval habitat temporary water by U Kampwerth, 1998, Lauterbornia 34: 121-129)

Male genitalia variability described by L Botosaneanu & MA Gonzalez, 2001, Beaufortia Bulletin Zoological Museum 51(13): 221-225 Britain)

*Tinodes assimilis rifensis* L Botosaneanu & MA Gonzalez, 2001 (Larval habitat temporary water according to U Kampwerth, 1998, Lauterbornia 34: 121-129)

Male genitalia variability described by L Botosaneanu & MA Gonzalez, 2001, Beaufortia Bulletin Zoological Museum 51(13): 221-225)

*Tinodes atichastra* F Schmid, 1972 : OL (India)

*Tinodes austrotagatica* W Mey, 1998 : OL (Philippines (Mindanao))

*Tinodes baenai* MA Gonzalez & JC Otero, 1984 (Spain)

*Tinodes bahuchakha* F Schmid, 1972 : OL (Myanmar)

*Tinodes belisus* DG Denning, 1950 : NA (United States of America)

*Tinodes bergerardi* FM Gibon, 1986 : AT (Ivory Coast)

*Tinodes betuel* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Poring hot spring, Sungai Kipungit, 600 m, 21-iv-1999, leg I Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Tinodes beysehirensis* F Sipahiler, 1999 (Turkey)

*Tinodes bicuspidalis* W Mey, 1992 : AT (Kenya)

*Tinodes bilhan* H Malicky & W Mey, 2009 : OL (Male described originally near *Tinodes ventralis* Y Li & JC Morse Holotype--Male; CAMBODIA: Cardamom Mts, Tumpor area, 1250 m, 12°22'N, 103°02'E, 27-ii-5-iii-2000, leg M Nuss; deposited in the Zoological Museum, Berlin, Germany Cambodia)

*Tinodes bosuso* DG Gibbs, 1973 : AT (Ghana)

*Tinodes bosuso occidentalis* FM Gibon, 1991 (

~bosuso DG Gibbs, 1973, Deutsch ent Z 20(4-5): 374, figs)

*Tinodes braueri* R McLachlan, 1878 (Larva described, ecology and zoogeography discussed by W Graf, M Kucinic, A Previsic, I Vuckovic, & J Waringer, 2008, Aquatic Insects 30(4): 295-299 Greece)

*Tinodes bruttius* GP Moretti, 1981 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy)

*Tinodes bumbulii* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes aequispinosus* F Schmid Holotype--Male; TANZANIA: West Usambara Mts, Bumbuli, 1300 m, 1-viii-1980, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes calamintana* W Mey, 1995 : OL (Philippines)

*Tinodes canariensis* R McLachlan, 1882 (Spain (Canary Islands))

*Tinodes caolana* KA Johanson & J Olah, 2008 : OL (Mae described originally Holotype--Male; VIETNAM: Lamdong, Baoloc, Baco str, 26-x-1988, light; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Tinodes caputaquae* L Botosaneanu & A Gasith, 1971 (Israel)

*Tinodes cascadius* DG Denning, 1956 : NA (United States of America)

*Tinodes chalne* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA:

Sabah, Kinabalu National Park, Silau Silau River, 1600 m, 18-iv-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

*Tinodes charmi* H Malicky, 2009 : OL (Male described originally Holotype--Male; MALAYSIA: Pahang, Merapoh, Taman Negara, Sungai Juram, 75-150 m, 04°38'N, 102°07'E, 10-12-iii-1999, leg T Trilar & K Prosenec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Peninsular))

*Tinodes cheitani* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Tinodes cheran* H Malicky, 2009 : OL (Male described originally near *Tinodes silvicola* DE Kimmins Holotype--Male; MALAYSIA: Sarawak, Bako National Park, Ulu Assam, 5 m, 9-v-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sarawak))

*Tinodes chinichinus* ME Mosely, 1942 : OL (redescribed by YJ Li & JC Morse, 1997, *Insecta Mundi* 11(3-4): 279 China (Fujian))

*Tinodes chittit* H Malicky, 2009 : OL (Male described originally near *Tinodes sumatrensis* G Ulmer Holotype--Male; INDONESIA: Sumatra, Holzweg 2 bei Prapat, 900 m, 02°45'N, 099°14'E, 20-ii-1991; deposited in the H Malicky Collections, Lunz am See, Austria Indonesia (Sumatra))

*Tinodes chrinidhara* F Schmid, 1972 : OL (India)

*Tinodes chus* H Malicky, 2009 : OL (Male described originally near *Tinodes sumatrensis* G Ulmer Holotype--Male; INDONESIA: Sumatra, Tapanuli, Danau Marsabut, 1200 m, 01°38'N, 099°19'E, 26-ii-1994; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Tinodes cincibilus* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Tinodes cinereus* HA Hagen, 1865 (Male of *Tinodes griseus* HA Hagen redescribed by O Nybom, 1963, *Notulae Entomologicae* 43: 116, f 1 Portugal (Madeira))

Syn.: *Tinodes griseus* HA Hagen, 1865

*Tinodes cinereus sardonius* GP Moretti, 1991 (~*cinereus* HA Hagen, 1865, *Stettin ent Zeit* 26: 220-221

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22)

*Tinodes collinus* DG Gibbs, 1973 : AT (Ghana)

*Tinodes compacta* W Mey, 1998 : OL (Philippines (Mindanao))

*Tinodes conjunctus* AV Martynov, 1913 (Georgia)

*Tinodes consuetus* R McLachlan, 1871 : NA (United States of America)

*Tinodes cortensis* ME Mosely, 1930 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

*Tinodes cryptophallicata* YJ Li & JC Morse, 1997 : OL (Reported from Vietnam and China by J Olah & H Malicky, 2010, *Braueria* 37: 30 China (Jiangxi))

*Tinodes curvatus* AV Martynov, 1934 (Listed doubtfully from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Russia (Caucasus))

*Tinodes dactringa* KA Johanson & J Olah, 2008 : OL (Male described originally near *Tinodes jicha* H Malicky & P Chantaramongkol and *Tinodes wodgabay* H Malicky & P Chantaramongkol Holotype--Male; VIETNAM: Moc Cau, 26-x-1986, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrecen, Hungary Vietnam)

*Tinodes dedan* H Malicky, 2009 : OL (Male described originally near *Tinodes prihatmoi* H Malicky Holotype--Male; INDONESIA: East Java ("Jawa Timur"), Fluss Brantas bei Batu, 600 m, 07°54'N, 112°34'E, 18-iv-2003; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java))

*Tinodes dehadawate* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes harawa* KA Johanson & J Olah and *Tinodes mohelia* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Mt d'Ambre, Les Roussettes, no date, B Stuckenberg; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Tinodes dentatus* L Navas, 1934 (Spain)

*Tinodes dependens* G Ulmer, 1951 : OL (Male redescribed by H Malicky, 1998, *Linzer biol Beitr* 30(2): 801, pl 6

Listed from Indonesia (Sumatra) by H Malicky, 2007, *Proceedings of the International*

**Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))**

*Tinodes difficilis* AV Martynov, 1927 (Georgia)

*Tinodes dirghachastra* F Schmid, 1972 : OL (India)

*Tinodes dives* (FJ Pictet, 1834) (Diagnostic characters, larval coxopleurites, to distinguish from *Tinodes rostocki* by C Kraft & P Haase, *Lauterbornia* 34: 215-218

Variability in male genitalia, status, and included taxa discussed by L Botosaneanu & MA Gonzalez, 2001, *Beaufortia Bulletin Zoological Museum* 51(13): 222-224, figs

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 Switzerland)

*Hydropsyche dives* FJ Pictet, 1834

Syn.: *Hydropsyche flavicoma* FJ Pictet, 1834

Syn.: *Hydropsyche humeralis* FJ Pictet, 1834

Syn.: *Hydropsyche nigripennis* FJ Pictet, 1834

Syn.: *Hydropsyche picea* FJ Pictet, 1834

Syn.: *Hydropsyche turtur* FJ Pictet, 1834

Syn.: *Potamaria schmidtii* F Kolenati, 1848

Syn.: *Rhyacophila laevigata* FJ Pictet, 1834

Syn.: *Tinodes bidentatus* L Navas, 1916

Syn.: *Tinodes dives jeekeli* L Botosaneanu, 1980

*Tinodes dives consiglioi* L Botosaneanu, 1980 (~dives (FJ Pictet, 1834, *Rech Phryg* p 215-216, pl 19 f 14), *Hydropsyche*

Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera 12: 18-22)*

*Tinodes dungdera* J Olah & H Malicky, 2010 : OL (Male described originally near *Tinodes furcata* Y Li & JC Morse and *Tinodes retorta* G Ulmer Holotype--Male; VIETNAM: Vinh Phuc Province, Tamdao, 1300 m, 10-v-1986, along the main stream [J Olah]; deposited in the J Olah Private Collection, Szent Istvan University, Godollo, Centre of Environmental Health, Debrecen, Hungary Vietnam)

*Tinodes elok* H Malicky, JP O'Connor, & P Ashe, 2009 : OL (Male described originally Holotype--Male; INDONESIA: Sulawesi, Dumoga-Bone National Park (now = Bogani Nani Wartabone National Park), Malaise trap at the second waterfall on the Sungai Elok (waterfall stream), 20-23-ix-1985, leg Patrick Ashe, S138; deposited in the National Museum of Ireland, Dublin, Ireland Indonesia (Sulawesi))

*Tinodes erato* H Malicky, 1976 (Greece)

*Tinodes eris* H Malicky & N Sangpradub, 2001 : OL (Holotype--XXX?; THAILAND, Chayapum Province, Huai Fat Fanoi Thailand)

*Tinodes estivalsi* FM Gibon, 1991 : AT (Guinea)

*Tinodes fimaltoensis* F Sipahiler, 1995 (France (Corsica))

*Tinodes flavopunctatus* G Ulmer, 1910 : OL (Male redescribed by H Malicky, 1998, *Linzer biol Beitr* 30(2): 800, pl 6 Indonesia (Java))

*Tinodes foedellus* R McLachlan, 1884 (Portugal)

Syn.: *Tinodes antequeruelus* F Schmid, 1952

*Tinodes formosae* M Iwata, 1928 : OL (Taiwan)

*Tinodes fratakara* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168 Iran)

*Tinodes fulvus* KA Johanson, 2001 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang Mendolong Nersery, 5-iv-1988, light trap [Stig Adebratt leg]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Tinodes furcata* YJ Li & JC Morse, 1997 : OL (China (Jiangxi))

*Tinodes gabriella* DG Denning, 1973 : NA (United States of America)

*Tinodes gapbona* KA Johanson & J Olah, 2008 : OL (Mae described originally Holotype--Male; VIETNAM: Hoabinh towards Dabac, 21-x-1986, light; in alcohol; deposited in the J Olah Personal Collection, Debrecen, Hungary Vietnam)

*Tinodes ghobarama* F Schmid, 1961 : OL (Pakistan)

*Tinodes giloensis* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes bumbulii* KA Johanson & J Olah, *Tinodes estivalsi* FM Gibon, *Tinodes bosuso* DG Gibbs, and *Tinodes memorabilis* G Marlier Holotype--Male; SUDAN: Gilo, at light, 4-24-iv-1979, AL

Armstrong; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia United States of America Sudan)

*Tinodes gueneyensis* F Sipahiler, 1995 (Turkey)

*Tinodes guttatus* KA Johanson & J Olah, 2007 : AT (Male described originally Holotype--Male; TANZANIA: Uluguru Mts, Lupanga East, 1000 m, 10-vii-1981, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes hajeki* P Chvojka, 2006 (Male described originally in the *Tinodes reisseri* Group near *Tinodes karadere* H Malicky & F Sipahiler Holotype--Male; IRAN: Kerman Province, 5 km NE Deh Bakri, 29°05'N, 57°55'E, 1925 m asl, 7-iv-2000, J Hajek & M Mikat leg; deposited in the Department of Entomology, National Museum, Praha, Czech Republic Iran)

*Tinodes harawa* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes dehadawate* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Mt d'Ambre, Les Roussettes, no date, B Stuckenberg; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar)

*Tinodes hephaistos* H Malicky & P Chantaramongkol, 2003 : OL (Male described originally Holotype--Male; Thailand: Chaing Rai Province, Doi Luang National Park, Namtok Pu Kaeng, 540 m, 19°26'N, 99°42'E, 16-17-3-2002, leg GW Courtney; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Tinodes heraklit* H Malicky & W Mey, 2010 : OL (Male described originally near *Tinodes chalne* H Malicky, *Tinodes solinictus* H Malicky, and *Tinodes zohar* H Malicky Holotype--Male; MALAYSIA [Peninsular]: Cameron Highlands, Tanah Rata, Ringlet, 27-vii-1996, leg F Koch; deposited in the Zoological Museum, Berlin, Germany Malaysia (Peninsular))

*Tinodes hevit* H Malicky, 2009 : OL (Male described originally Holotype--Male; VIETNAM: Loa Cai, Sapa, waterfall on road from Sapa to Lai Chan, 8-v-1995, leg Currie, Hubley, Swann; 956022; deposited in the Royal Ontario Museum, Toronto, Ontario, Canada Vietnam)

*Tinodes higashiyamanus* M Tsuda, 1942 (Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 163-168

Distributed in Japan (Honshu), as *Tinodes higashiyamana*, according to T Nozaki & K Tanida, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 243-255 Japan)

*Tinodes horstaspoecki* H Malicky, 1975 (Greece)

*Tinodes igok* DE Kimmins, 1955 : OL (Malaysia (Sarawak))

*Tinodes ihalauwi* H Malicky, 1998 : OL (Indonesia (Java))

*Tinodes inaequispinosus* F Schmid, 1972 : AT (Guinea)

*Tinodes irwini* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes mohelis* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Finarantsoa Prov, Ranomafana, Malaise trap near river in tropical forest, 12-20-xii-1999, 1150 m, 21.2554°S, 47.4552°E, ME Irwin & EI Schlinger; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Madagascar)

*Tinodes israelicus* L Botosaneanu & A Gasith, 1971 (Israel)

*Tinodes janssensi* S Jacquemart, 1957 (Greece)

*Tinodes javan* H Malicky, 2011 : OL (Male described originally near *Tinodes fulvus* KA Johanson Holotype--Male; Malaysia: Borneo, Sabah, Mt. Kinabalu, headquarters 1560 m, 28-iv-1982, leg M Horak; deposited in the Naturhistorisches Museum, Geneva, Switzerland Malaysia (Sabah))

*Tinodes jicha* H Malicky & P Chantaramongkol, 1989 : OL (Myanmar)

*Tinodes kadiellus* L Botosaneanu & A Gasith, 1971 (Israel)

*Tinodes kanerquorum* F Schmid, 1961 : OL (Pakistan)

*Tinodes karadere* H Malicky & F Sipahiler, 1993 (Turkey)

*Tinodes karkii* H Malicky, 1997 : OL (Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264 Nepal)

*Tinodes katreus* H Malicky, 2004 : OL (Male described originally near *Tinodes ihalauwi* Holotype--Male; Indonesia: Jawa Timur, Coban Talun bei Tulungrejo, 1300 m, 7°48'S, 11231'E, 30-iv-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java Timor))

*Tinodes kawiensis* H Malicky, 1995 : OL (Indonesia (Bali))

*Tinodes kebala* KA Johanson & J Olah, 2008 : OL (Male described originally Holotype--Male; MALAYSIA: Perak, Halong str, 19-xi-1993, light, GS Robinson; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Malaysia (Perak))

*Tinodes kedma* H Malicky, 2011 : OL (Male described originally near *Tinodes solinvictus* H Malicky Holotype--Male; MALAYSIA: Sabah, Mt Kinabalu, headquarters 1560 m, 28-iv-1982, leg M Horak, deposited in the Naturhistorisches Museum, Geneva, Switzerland Malaysia (Sabah))

*Tinodes kemerensis* F Sipahiler, 1989 (Turkey)

*Tinodes kemnoungea* KA Johanson & J Olah, 2008 : OL (Male described originally Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 24-25-v-1987, light, J Olah; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Vietnam)

*Tinodes kepheus* H Malicky, 2004 : OL (Male described originally near *Tinodes flavopunctatus*, *Tinodes prihatmoi*, *Tinodes punjungan*, and *Tinodes sumatrensis* Holotype--Male; Indonesia: Jawa Timur, Fluss Brantas bei Batu, 600 m, 7\*54'S, 112\*34'E, 18-iv-2003, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Java Timor))

*Tinodes kerinciana* J Olah & KA Johanson, 2010 : OL (Male described originally near *Tinodes flavopunctatus* G Ulmer, *Tinodes ihalauwi* H Malicky, *Tinodes katreus* H Malicky, *Tinodes kepheus* H Malicky, *Tinodes prihatmoi* H Malicky, *Tinodes sumatrensis* G Ulmer, and *Tinodes timotii* H Malicky Holotype--Male; INDONESIA: Sumatra, Kerinci National Park, "W" waterfall, 1500 m, 5-vii-2008, light trap [J Olah Jr]; deposited in the Janos Olah Private Collection, Hungarian Natural History Museum, Hungary Indonesia (Sumatra))

*Tinodes kimminsi* JL Sykora, 1962 (CzechRepublic)

*Tinodes kuchlik* H Malicky & S Melnitsky, 2008 : OL (Male described originally near *Tinodes chrysothoe* F Schmid Holotype--Male; THAILAND: Trat Province Chang Island, river Khlong Plu, downstream from Khlong Plu Waterfall, h=95 m, 12\*03'46.42"N, 102\*18'43.69"E, at UV light trap, 16-ii-2007, leg Melnitsky; deposited in the Zoological Institute of the Russian Academy of Sciences, St Petersburg, Russia Thailand (Chang Island))

*Tinodes kypselos* H Malicky, 1977 (Turkey)

*Tinodes lavidhara* F Schmid, 1972 : OL (India)

*Tinodes lebeli* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Tinodes locuples* R McLachlan, 1878 (Endemic to geographic Italy (Sicily) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Italy (Sicily))

*Tinodes lomholdti* H Malicky, 1994 : AU (Reported from Papua New Guinea (Bismark Archipelago: New Britain) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Papua New Guinea)

*Tinodes luhurensis* H Malicky, 1995 : OL (Indonesia (Bali))

*Tinodes luscinia* F Ris, 1903 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Switzerland)

*Tinodes maclachlani* DE Kimmins, 1966 (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99

Reported from Spain by JM Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Britain)

Syn.: *Tinodes aureola* HA Hagen, 1864

Syn.: *Tinodes pusillus* F Walker, 1852

*Tinodes maculicornis* (FJ Pictet, 1834) (Considered a synonym of *Tinodes unicolor* by L Botosaneanu & D Garcia deJalon, 1987, Faun Abh (Dres) 15(1): XXX ???

Treated as a distinct species by H Malicky, 2005, Linzer Biologische Beitrage 37(1): XXX ???

Reported from Germany (Bavaria) by A Weinzierl, M Hess, & U Heckes, 2005, Lauterbornia 54: 45-52 Switzerland)

*Hydropsyche maculicornis* FJ Pictet, 1834

Syn.: *Tinodes muticus* L Navas, 1924

Syn.: *Tinodes spinosus* L Navas, 1923

*Tinodes mahalat* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Tinodes Physetes* H Malicky Holotype--Male; THAILAND: Prov Lampang, Chaeson National Park, 500 m, 18\*46'N, 099\*28'E, 25-26-v-2005; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Tinodes makedonicus* H Malicky, 1980 (Greece)

*Tinodes malickyi* KA Johanson, 2001 : OL (Holotype--Male; Malaysia: Borneo, Sabah, Sipitang Mendolong Nersery, 6-iv-1986, light trap [Stig Adebratt leg]; deposited in the Swedish Museum of Natural History, Stockholm, Sweden Malaysia (Sabah))

*Tinodes mandalaganus* W Mey, 1998 : OL (Male described originally, related to *Tinodes miostyllos* W Mey Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, at light, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Negros))

*Tinodes manni* R McLachlan, 1878 (Turkey)

*Tinodes maroccanus* ME Mosely, 1938 (Morocco)

*Tinodes matangana* F Schmid, 1961 : OL (Pakistan)

*Tinodes megalopompos* H Malicky, 1977 (Greece)

*Tinodes meleagris* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Tinodes memorabilis* G Marlier, 1959 : AT (Democratic Republic of the Congo)

*Tinodes merula* R McLachlan, 1882 (Portugal(Madeira))

*Tinodes micrapteryx* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Tinodes miostyllos* W Mey, 1998 : OL (Philippines (Mindanao))

*Tinodes miyakonis* M Tsuda, 1942 (Japan)

*Tinodes mogetius* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Tinodes mohelia* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes harawa* KA Johanson & J Olah and *Tinodes dehadawate* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Comoros Islands, Moheli Is, Cascade, de Kangane, vi-1954, Paulian; deposited in the Museum National d'Histoire Naturelle, Paris, France Madagascar (Comoros Islands))

*Tinodes multispinosus* F Schmid, 1972 : OL (Malaysia (Peninsular))

*Tinodes nakhayukta* F Schmid, 1972 : OL (Myanmar)

*Tinodes natichastra* F Schmid, 1972 : OL (Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 India)

*Tinodes negevanus* L Botosaneanu & A Gasith, 1971 (Israel)

*Tinodes nehirae* F Sipahiler, 1992 (Turkey)

*Tinodes ongkot* H Malicky, 1993 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Nepal)

*Tinodes oyaie* F Sipahiler, 1994 (Turkey)

*Tinodes pallidulus* R McLachlan, 1878 (Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 133

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 64 France)

*Tinodes parsnai* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Tinodes parvulus* DG Denning, 1950 : NA (United States of America)

*Tinodes parvus* (F Walker, 1852) : NA (Canada)

*Hydroptila ? parvus* F Walker, 1852

*Tinodes pataganus* W Mey, 1998 : OL (Male described originally, closely related to *Tinodes reminigius* W Mey and *Tinodes adjunctus* N Banks Holotype--Male; Philippines: Negros, Mt Mandalagan, Patag, 20-25-5-1996, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, German Philippines (Negros))

*Tinodes petaludes* H Malicky, 1974 (Greece)

*Tinodes peterressli* H Malicky, 1975 (Greece)

*Tinodes physetes* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)

*Tinodes piquatellii* L Navas, 1916 (Spain)

*Tinodes pittheus* H Malicky & N Changthong, 2007 : OL (Male described originally near *Tinodes achaemenides* H Malicky & P Chantaramongkol, *Tinodes ragar* H Malicky & P Chantaramongkol, and *Tinodes silvicola* DE Kimmins Holotype--Male; THAILAND: Pitsanulok

Prov, Pu Hin Rongkla National Park, Namtok Huai Kamunnoi, 16\*59'N, 101\*00'E, 4-5-v-2003, leg Nattaporn Changthong; deposited in the collection of H Malicky, Lunz am See, Austria Thailand)

*Tinodes pluvialis* H Malicky, 1987 (Turkey)

*Tinodes polifurculatus* L Botosaneanu, 1956 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Bulgaria)

*Tinodes pollicaris* JC Morse, 1974 : AT (Republic of South Africa)

*Tinodes polyhymnia* H Malicky, 1976 (Greece (Eubo))

*Tinodes popovi* K Kumanski, 1975 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Bulgaria)

*Tinodes portolafia* H Malicky, 1976 (Greece (Eubo))

*Tinodes powelli* DG Denning, 1964 : NA (Mexico (Baja California))

*Tinodes prihatmoi* H Malicky, 1998 : OL (Indonesia (Java))

*Tinodes prisatkayukta* F Schmid, 1972 : OL (

Variation mentioned, reported from Vietnam and India by J Olah & H Malicky, 2010, *Braueria* 37: 29 India)

*Tinodes prithulavi* F Schmid, 1972 : OL (India)

*Tinodes provo* HH Ross & DR Merkley, 1950 : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Arizona by Blinn & Ruiter, 2009, *Southwestern Naturalist* 54(2): 182-194 United States of America)

*Tinodes pujungan* H Malicky, 1995 : OL (Indonesia (Bali))

*Tinodes pullulans* L Navas, 1932 : OL (India)

Syn.: *Tinodes coeloptera* L Navas, 1934

*Tinodes radonus* A Neboiss, 1990 : AU (Australia)

*Tinodes ragar* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)

*Tinodes ragu* H Malicky & P Chantaramongkol, 1993 : OL (Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, *Braueria* 35: 25-27 Thailand)

*Tinodes rainus* L Botosaneanu, 1960 (Roumania)

*Tinodes rauschi* H Malicky, 1975 (Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 39 Greece)

*Tinodes rauschi marmaris* H Malicky & F Sipahiler, 1993 (

~*rauschi* H Malicky, 1975, in K Kumanski & H Malicky, *Ent Zeitschr* 85: 30-32, f 6)

*Tinodes reisseri* H Malicky, 1971 (Greece (Crete))

*Tinodes reminigius* W Mey, 1998 : OL (Male described originally, related to *Tinodes pataganus* Holotype--Male; Philippines: Panay, Antique, San Reminigi, Aningalan, 800 m, large brook, 9-4-1995, leg W Mey; deposited initially in the Museum fuer Naturkunde Berlin, Germany Philippines (Panay))

*Tinodes rethimnon* H Malicky, 1972 (Greece)

*Tinodes retortus* G Ulmer, 1927 : OL (Taiwan)

*Tinodes reuso* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Tinodes robustus* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes bumbulii* KA Johanson & J Olah Holotype--Male; TANZANIA: Mt Rungwe SW, 1800 m, 10-vii-1981, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes rostocki* R McLachlan, 1878 (Diagnostic characters, larval coxopleurites, to distinguish from *Tinodes dives* by C Kraft & P Haase, 199?, *Lauterbornia* 34: 215-218

Reported from Italy by F Cianficconi, C Corallini-Sorcetti, & G Moretti, 1999, *Proc Internatn Symp Trich* 9: 55-63

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Poland, Greece)

*Tinodes rungweensis* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes sanjea* KA Johanson & J Olah and *Tinodes zigzag* KA Johanson & J Olah Holotype--Male; TANZANIA: Mt Rungwe SW, 1800 m, 20-viii-1980, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes samkuca* KA Johanson & J Olah, 2008 : OL (Mae descibed originally Holotype--Male; MALAYSIA: Perak, Halong str, ix-x-1993, light, GS Robinson; in alcohol; deposited in the J

Olah Personal Collection, Debrcen, Hungary Malaysia (Perak))  
*Tinodes sanctus* AV Martynov, 1913 (Georgia)  
*Tinodes sanjea* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes rungweensis* KA Johanson & J Olah and *Tinodes Zigzag* KA Johanson & J Olah Holotype--Male; TANZANIA: Uzungwa Mts, Mwanihana Forest above Sanje, 1100 m, 1-viii-1982, loc 4, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)  
*Tinodes sarai* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Tinodes aprakrita* F Schmid Holotype--Male; THAILAND: Prov Mae Hong Son, Oberlauf des Huai Mae Ya bei Doi Mae Ya, 1200 m, 19°14'N, 98°35'E, 9-iii-2008; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)  
*Tinodes sarisa* H Malicky, 1975 (Greece)  
*Tinodes sateius* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Tinodes sauteri* G Ulmer, 1908 (Japan)  
*Tinodes schlingeri* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes dehadawate* KA Johanson & J Olah Holotype--Male; MADAGASCAR: Finarantsoa Prov, Ranomafana, Malaise trap near river in tropical forest, 12-20-xii-1999, 1150 m, 21.2554°S, 47.4552°E, ME Irwin & EI Schlinger; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Madagascar)  
*Tinodes schusteri* DG Denning, 1983 : NA (United States of America)  
*Tinodes serifos* H Malicky, 1984 (Greece)  
*Tinodes sigodanus* HH Ross & DR Merkley, 1950 : NA (United States of America)  
*Tinodes silvicolus* DE Kimmins, 1955 : OL (Malaysia (Sarawak))  
*Tinodes siskiyou* DG Denning, 1951 : NA (United States of America)  
*Tinodes sitto* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)  
*Tinodes solinviectus* H Malicky, 2008 : OL (Male described originally Holotype--Male; INDONESIA: Borneo, Kalimantan, in the catchments of Seturan and Rian Rivers, in a narrow area of about 8 X 8 km about 70 km south of Malinau, between 02°59'29" - 03°04'04"N and 116°29'48" - 116°33'29"E, between 100 and 200 m, 18-vi-2000, B0420PLS, P Derleth; deposited in the Zoological Museum of Lausanne, Switzerland Indonesia (Kalimantan))  
*Tinodes suksa* KA Johanson & J Olah, 2008 : OL (Male described originally Holotype--Male; MALAYSIA: Perak, Halong str, 29-xi-1993, light, GS Robinson; in alcohol; deposited in the J Olah Personal Collection, Debrcen, Hungary Malaysia (Perak))  
*Tinodes sumatrensis* G Ulmer, 1930 : OL (Male redescribed by H Malicky, 1998, Linzer biol Beitr 30(2): 801, pl 7

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra)  
*Tinodes sylvia* F Ris, 1903 (Endemic to geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 Switzerland)  
*Tinodes tabonica* W Mey, 1998 : OL (Philippines (Mindanao))  
*Tinodes tagalicus* N Banks, 1937 : OL (Philippines)  
*Tinodes tegegenungan* H Malicky, 1995 : OL (Indonesia (Bali))  
*Tinodes tejita* F Schmid, 1972 : OL (Myanmar)  
*Tinodes theseus* H Malicky & T Prommi, 2006 : OL (Male described originally Holotype--Male; THAILAND: Narathivas Prov, Hala-Bala Wildlife Sanctuary, Sirindorn Waterfall, 62 m, 5°47'N, 101°50'E, 3-ix-2004; deposited in Hans Malicky Collection, Lunz am See, Austria Thailand)  
*Tinodes tichtrya* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)  
*Tinodes timotii* H Malicky, 1998 : OL (Indonesia (Java))  
*Tinodes tohmei* L Botosaneanu & A Dia, 1983 (Lebanon)  
*Tinodes tricalcaratus* DE Kimmins, 1955 : OL (Malaysia (Sarawak))  
*Tinodes triomdys* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 30 Vietnam)  
*Tinodes triznai* AV Martynov, 1927 : PA (Listed in WP by H Malicky, 2005, Linzer biol Beitr 37(1): 556 Kazakhstan)  
*Tinodes tuberosa* W Mey, 1990 : OL (Philippines)



*Tinodes tunisicus* H Malicky, 1982 (Tunisia)

*Tinodes turanicus* AV Martynov, 1927 : PA (Listed from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 556 lectotype not selected Uzbekistan, Kazakhstan)

*Tinodes turbulentus* AV Martynov, 1913 (Georgia)

*Tinodes twilus* DG Denning, 1975 : NA (United States of America)

*Tinodes unicolor* (FJ Pictet, 1934) (Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005, Proc Internatn Symp Trichoptera 11: 91-99 Switzerland)

*Hydropsyche unicolor* FJ Pictet, 1934

Syn.: *Hydropsyche urbana* FJ Pictet, 1834

*Tinodes unidentatus* F Klapalek, 1894 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Bulgaria)

Syn.: *Tinodes pseudorostocki* L Botosaneanu, 1960

*Tinodes usillus* DG Denning, 1966 : NA (United States of America)

*Tinodes utchringita* F Schmid, 1972 : OL (India)

*Tinodes utchunalinga* F Schmid, 1972 : OL (India)

*Tinodes uzungwa* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes inaequispinus* F Schmid Holotype--Male; TANZANIA: Uzungwa Mts, Mwanihana Forest above Snaje, 1700 m, 10-viii-1982, loc 11, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)

*Tinodes vadichayudha* F Schmid, 1972 : OL (India)

*Tinodes valvatus* AV Martynov, 1913 (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Georgia)

*Tinodes ventralis* YJ Li & JC Morse, 1997 : OL (China (Sichuan))

*Tinodes verethraghna* F Schmid, 1959 (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168 Iran)

*Tinodes voriseki* P Chvojka, 2006 (Male described originally near *Tinodes amadai* F Schmid and *Tinodes tohmei* L Botosaneanu & A Dia Holotype--Male; IRAN: Azarbaijan Gharbi Province, springfed brooks, Rud-e Saruq River Valley 10 km SE Chuplu, 36\*28'N, 47\*02'E, 1700 m asl, 2-x-1998, P Chvojka leg; deposited in the Department of Entomology, National Museum, Praha, Czech Republic Iran)

*Tinodes vristchika* F Schmid, 1972 : OL (India)

*Tinodes waeneri* (C Linnaeus, 1758) (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval distribution dynamics, epilithic habitat by SSC Harrison & AG Hildrew, 1998, Arch Hydrobiol 143(3): 275-293

Nitrogen recycling by larva and lake littoral gallery community in Sweden by M Kahlert & MT Baunsgaard, 1999, J N Amer Benthol Soc 18(3): 363-369

Diagnostic characters to distinguish from *Tinodes marae* by R De Pietro, 2000, Braueria 27: 13

Interactions with macro-alga *Cladophora glomerata* and detritivorous/browsing chironomids reported by SSC Harrison & AG Hildrew, 2001, Journal of Animal Ecology 70(4): 692-707

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Prey of trout and perch in complex habitats of zebra mussel beds discussed by A Dieterich, M Moertl, & R Eckmann, 2004, International Review of Hydrobiology 89(3): 229-237

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Role of ecology and history on distribution in western Spain discussed by N Bonada, C Zamora-Munoz, M Rieradevall, & N Prat, 2005, Freshwater Biology 50: 781-797

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International

**Symposium on Trichoptera 12: 75-81**

**Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 68**

**The larva of this species gardens algae in its gallery according to NL Ings, AG Hildrew, & J Grey, 2010, Oecologia 163: 127-139 Sweden)**

- Phryganea waeneri* C Linnaeus, 1758
- Syn.: *Hydropsyche microcephala* FJ Pictet, 1834
- Syn.: *Philopotamus longipennis* P Rambur, 1842
- Syn.: *Phryganea griseola* JW Zetterstedt, 1840
- Syn.: *Tinodes annulicornis* JF Stephens, 1836
- Syn.: *Tinodes flaviceps* JF Stephens, 1836
- Syn.: *Tinodes flavipes* HA Hagen, 1860
- Syn.: *Tinodes luridus* J Curtis, 1834
- Syn.: *Tinodes pallescens* JF Stephens, 1836
- Syn.: *Tinodes pallipes* JF Stephens, 1836
- Syn.: *Tinodes xanthoceras* JF Stephens, 1836

***Tinodes waeneri marae* R De Pietro, 2000 (Reduced to subspecies of *Tinodes waeneri* C Linnaeus, 1758, by H Malicky, 2005, Linzer biol Beitr 37(1): 556**

**Occurring in geographic Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)**

- Tinodes waeneri pollensa* H Malicky, 1987 (
- ~*waeneri* (C Linnaeus, 1758, Syst Nat ed 10: 548), *Phryganea*)
- Tinodes wodgabay* H Malicky & P Chantaramongkol, 1989 : OL (Thailand)
- Tinodes wuyuanensis* YJ Li & JC Morse, 1997 : OL (China (Jiangxi))
- Tinodes yuecelaskini* F Sipahiler, 1995 (Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 39 Turkey)
- Tinodes zelleri* R McLachlan, 1878 (Carinthia)
- Tinodes zigzag* KA Johanson & J Olah, 2007 : AT (Male described originally near *Tinodes rungweensis* KA Johanson & J Olah and *Tinodes sanjea* KA Johanson & J Olah Holotype--Male; TANZANIA: Uluguru Mts, Lupanga East, 1600 m, 10-vii-1981, sweep net, M Stoltze & N Scharff; deposited in the Natural History Museum of Denmark, Copenhagen, Denmark Tanzania)
- Tinodes zohar* H Malicky, 2009 : OL (Male described originally near *Tinodes chalne* H Malicky Holotype--Male; MALAYSIA: Sabah, Kinabalu National Park, Livagu River, 1410 m, 13-iv-1999, leg Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Malaysia (Sabah))

***Tiphobiosis* RJ Tillyard, 1924**

- Tiphobiosis cataractae* JB Ward, 1995 : AU (New Zealand)
- Tiphobiosis childella* JB Ward, 1995 : AU (New Zealand)
- Tiphobiosis childi* AG McFarlane, 1981 : AU (New Zealand)
- Tiphobiosis cowiei* JB Ward, 1991 : AU (New Zealand)
- Tiphobiosis fulva* RJ Tillyard, 1924 : AU (species inquirenda according to AG McFarlane & B Cowie, 1981, in AG McFarlane & B Cowie, Record Canterbury Mus 9(9): 372 New Zealand)
- Tiphobiosis hinewai* JB Ward, 1995 : AU (New Zealand)
- Tiphobiosis intermedia* ME Mosely, 1953 : AU (New Zealand)
- Tiphobiosis kleinpastei* JB Ward, 1998 : AU (New Zealand)
- Tiphobiosis kuscheli* KAJ Wise, 1972 : AU (New Zealand (Auckland Islands))
- Tiphobiosis montana* RJ Tillyard, 1924 : AU (New Zealand)
- Tiphobiosis plicosta* AG McFarlane, 1960 : AU (New Zealand)
- Tiphobiosis quadrifurca* JB Ward, 1997 : AU (New Zealand)
- Tiphobiosis salmoni* AG McFarlane, 1981 : AU (New Zealand)
- Tiphobiosis schmidi* JB Ward, 1998 : AU (New Zealand)
- Tiphobiosis trifurca* AG McFarlane, 1981 : AU (New Zealand)
- Tiphobiosis veniflex* AG McFarlane, 1960 : AU (New Zealand)

***Tizatetrichia* SC Harris, OS Flint, & RW Holzenthal, 2002**

*Tizatetrichia costaricensis* SC Harris, OS Flint, & RW Holzenthal, 2002 : NT (male described originally Holotype--Male; Costa Rica: Guanacaste, Rio Tizate, 7.2 km NE Canas Dulces, 10.773°N, 85.449°W, el 275 m, VI-28-1986, Holzenthal, Heyn, Armitage; deposited in the National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)

*Tolhuaca* F Schmid, 1964

*Tolhuaca brasiliensis* DR Robertson & RW Holzenthal, 2005 : NT (Male redescribed and female described, additional records from Chile provided by DR Robertson & RW Holzenthal, 2005, Zootaxa 1063: 57-58, 61-62, f 1, 2A-B, 3A-B, 5A-F, 6A-C Holotype--Male; BRAZIL: Sao Paulo, Parque Estadual de Campos do Jordao, first order tributary to Rio Galharada, 22°41'40"S, 045°27'47"W, 1530 m, 14-16-ix-2002, Blahnik, Prather, Huamantincio; UMSP000087908; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paulo, Brazil Brazil)

*Tolhuaca cupulifera* F Schmid, 1964 : NT (Male redescribed and female described, additional records from Chile provided by DR Robertson & RW Holzenthal, 2005, Zootaxa 1063: 57-58, 61-62, f 1, 2A-B, 3A-B, 5A-F, 6A-C Holotype--Male; CHILE: Bio-Bio, Arauco, Pichinahuel [ca 37°47'52"S, 073°02'37"W], 1-30-i-1959, Pena; UMSP000115157; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, DC, United States of America (DR Robertson & RW Holzenthal, 2005, Zootaxa 1063: 62) Chile)

*Traillochorema* AG McFarlane, 1981

*Traillochorema rakiura* AG McFarlane, 1981 : AU (Larva described by BJ Smith, 2001, New Zealand Entomologist 24: 71-74 New Zealand (Stewart Island))

*Traillochorema wardorum* IM Henderson, 2008 : AU (New Zealand)

*Trawaspsyche* H Malicky, 2004

*Trawaspsyche weilgunii* H Malicky H Malicky, 2004 : OL (Male described originally Holotype--Male; Indonesia: Jawa Timur, Waldbach westlich Trawas, 800 m, 7°40'S, 112°35'E, 21-iv-2003, leg Malicky; deposited in the H Malicky collection; Lunz am See, Austria Indonesia (Java Timor))

*Triaenodes* R McLachlan, 1865

subgenus *Triaenodella* ME Mosely, 1932

*Triaenodes (Triaenodella) baris* HH Ross, 1938 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 20

Male and female redescribed in *Triaenodes (Triaenodella) flavescens* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 59, 61, f 32A-G, map 15 Holotype--Male; UNITED STATES OF AMERICA: Illinois, (Lake Co), Beach, 10-vi-1933, Mohr and Townsend; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 61) United States of America)

*Triaenodes (Triaenodella) bicornus* KL Manuel, 2010 : NA (Male and female described originally in subgenus *Triaenodella* near *Triaenodes (Triaenodella) florida* Ross Holotype--Male; UNITED STATES OF AMERICA: South Carolina, Aiken, Co, Savannah River Plant, Upper Three Runs Creek at SRP Rd 8-1, 8-vii-1977, Herlong and Richards (Prichard); in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America United States of America)

*Triaenodes (Triaenodella) cumberlandensis* DA Etnier & JD Way, 1973 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 21

Male and female redescribed in *Triaenodes (Triaenodella) marginatus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 74, 76, f 39A-G, map 19 Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Cumberland Co, Plateau Experiment Station near Crossville, 13-vii-1970, Univ Tenn Dept Agr Biol Staff; in alcohol;

USNM Type No 72488; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 74) United States of America)

*Triaenodes (Triaenodella) dipsius* HH Ross, 1938 : NA (Male and female redescribed in *Triaenodes (Triaenodella) dipsius* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 52, 55, f 28A-E, map 13 Holotype--Male; UNITED STATES OF AMERICA: Ohio, Athens, 28-v-1932, WC Stehr; pinned; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 52) United States of America)

*Triaenodes (Triaenodella) flavescens* N Banks, 1900 : NA (Male and female redescribed in the *Triaenodes (Triaenodella) flavescens* Group KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 64-65, f 34A-G, map 16 Lectotype (HH Ross, 1938, XXX???)--Male; UNITED STATES OF AMERICA: New Jersey (Middlesex Co), NBrunsw (New Brunswick), IX (September) (given as October by HH Ross, 1938, XXX???); MCZ Type No 11588; pinned; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America United States of America)

Syn.: *Triaenodes borealis* N Banks, 1900

Syn.: *Triaenodes venustus* , 1900

*Triaenodes (Triaenodella) furcellus* HH Ross, 1959 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 12

Male and female redescribed in *Triaenodes (Triaenodella) injustus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 52, f 27A-G, map 12 Holotype--Male; UNITED STATES OF AMERICA: Florida, (Putnam Co), Georgetown, iv-1948, in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 52) United States of America)

*Triaenodes (Triaenodella) injustus* (HA Hagen, 1861) : NA (

Occurrence in springs and spring-runs on Edwards Plateau, Texas reported by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Male and female redescribed in the *Triaenodes (Triaenodella) injustus* Group near *Triaenodes (Triaenodella) furcella* HH Ross by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 48, 50, f 26A-G, map 12 Lectotype--Male; CANADA: "St Lorenz" (St Lawrence River), (Osten) Sacken 1859; pinned; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 48) United States of America)

*Setodes injustus* HA Hagen, 1861

Syn.: *Triaenodes connatus* HH Ross, 1959

*Triaenodes (Triaenodella) lagarto* AK Rasmussen & SC Harris, 2010 (Male and female described originally in the *Triaenodes (Triaenodella) ignita* Group near *Triaenodes taenia* HH Ross Lectotype--Male; UNITED STATES OF AMERICA: Florida, Clay County, Camp Blanding Training Station, Lake Brooklyn mouth of Alligator Creek at Immokalee Road crossing, 2 km E Treat Road, 29°48'54"N, 082°01'97" W, 02-vii-1996, A Rasmussen, M Minno; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Triaenodes (Triaenodella) marginatus* CK Sibley, 1926 : NA (Male and female redescribed in the *Triaenodes (Triaenodella) marginatus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 71, 74, f 38A-F, map 18 Lectotype (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 71) -- Male; UNITED STATES OF AMERICA: New York, McLean Res, Mud Pond, 24-vii-1924; Cornell U No 2478; in alcohol; deposited in the Cornell University Insect Collection, Ithaca, New York, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 71) United States of America)

Syn.: *Triaenodes inflexus* JC Morse, 1971

*Triaenodes (Triaenodella) melacus* HH Ross, 1947 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 20

Male and female redescribed in *Triaenodes (Triaenodella) dipsius* Group near *Triaenodes*

(*Triaenodella*) *dipsius* HH Ross by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 55, f 29A-E, map 13

United States of America)

*Triaenodes (Triaenodella) milnei* KL Manuel, 2010 (Male and female described originally in *Triaenodes (Triaenodella) perna* Group Holotype--Male; UNITED STATES OF AMERICA: Florida, Washington Co, Ebro, 30-v-1940, coll L Berner; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America United States of America)

*Triaenodes (Triaenodella) morsei* KL Manuel, 2010 : NA (Male and female described originally in *Triaenodes (Triaenodella) marginatus* Group Holotype--Male; UNITED STATES OF AMERICA: South Carolina, Aiken Co, Savannah River Plant, Upper Three Runs Creek at SRP 8-1, 28-vi-1977, Herlong and Prichard; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America United States of America)

*Triaenodes (Triaenodella) ochraceus* (C Betten & ME Mosely, 1940) : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 16

Male and female redescribed in the *Triaenodes (Triaenodella) dipsius* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 55, 58-59, f 30A-I, map 14 Holotype--Male; UNITED STATES OF AMERICA: Georgia; pinned; deposited in The Natural History Museum, London, United Kingdom (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 55) United States of America)

*Triaenodella ochraceus* C Betten & ME Mosely, 1940

*Triaenodes (Triaenodella) phalacris* HH Ross, 1938 : NA (Male redescribed in *Triaenodes (Triaenodella) phalacris* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 65, 67, f 35A-D, map 11 Holotype--Male; UNITED STATES OF AMERICA: Ohio, Athens Co., Athens, 05-vi-1931, WC Stehr; dry on pin, genitalia in microvial; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 65) United States of America)

*Triaenodes (Triaenodella) rossi* JB Glover, KL Manuel, & JC Morse, 2010 : NA (Male and female described originally in the *Triaenodes (Triaenodella) dipsius* Group Holotype--Male; UNITED STATES OF AMERICA: South Carolina, Colleton County, Willow Swamp at State Road 42, 06-iv-2000, JB Glover and RT Renfrow; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)

*Triaenodes (Triaenodella) smithi* HH Ross, 1959 : NA (Male and female redescribed in the *Triaenodes (Triaenodella) flavescens* Group KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 61, 64, f 33A-F, map 16 Holotype--Male; UNITED STATES OF AMERICA: Illinois (Union Co), Wolf Lake at McCann School Spring, 06-vi-1951, at light, Ross and Richards; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 61) United States of America)

*Triaenodes (Triaenodella) tridontus* HH Ross, 1938 : NA (Male and female redescribed in the *Triaenodes (Triaenodella) tridonta* HH Ross by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America Holotype--Male; UNITED STATES OF AMERICA: Oklahoma, "Pushmta" (Pushmataha) Co, 28-iv-1934, CA Soeler; dry on pin; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 46) United States of America)

*Triaenodes aba* LJ Milne, 1935 : NA (Male and female redescribed, the species epithet *aba* is a feminine proper noun, from Abigail, the given name of an associate during Milne's graduate studies according to KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p. 23, 25, 27, f 14A-F, Map 4 Holotype--Male; UNITED STATES OF AMERICA: Fall R, Massachusetts, "near New Bedford, Mass, 13-vii-34"; pinned, abdomen and genitalia missing; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 23) United States of America)

*Triaenodes aberrans* (G Marlier, 1965) : AT (Angola)

*Triaenodella aberrans* G Marlier, 1965

*Triaenodes abruptus* OS Flint, 1991 : NT (Male redescribed by RW Holzenthal & T Andersen, 2004, Zootaxa 511: 14-15, f 5 Colombia)

*Triaenodes acanthus* RW Holzenthal & T Andersen, 2004 : NT (Male described originally

Holotype--Male; MEXICO: Veracruz, Rio Jamapa, 6 km N Coscomatepec, 26-v-1981, C & O Flint (UMSP000067429); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Veracruz))

*Triaenodes africanus* G Ulmer, 1907 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, Tijdschrift voor Entomologie 145(1): 65, figs Niger)

*Triaenodes akosua* T Andersen & RW Holzenthal, 2001 : AT (Male described originally, similar to *Triaenodes legonus* Mosely in subgenus *Triaenodella* Mosely Holotype--Male; Ghana: Brong Ahafo Region, Black Volta, New Longro, 8\*9'N, 2\*2'W, 14-x-1994, at light, NUFU-Project; in alcohol; deposited in the University of Minnesota, St Paul, Minnesota, United States of America Ghana)

*Triaenodes akua* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes albicornis* G Ulmer, 1905 (Algeria)

*Triaenodes allax* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes amma* T Andersen & RW Holzenthal, 2001 : AT (Male described originally, similar to *Triaenodes ghana* Kimmins and *Triaenodes kimilus* Mosely in subgenus *Triaenodella* Mosely Holotype--Male; Ghana: Western Region, Ankasa Game Production Reserve, 16-xi-1995, at light, NUFU-Project; in alcohol; deposited in the University of Minnesota, St Paul, Minnesota, United States of America Ghana)

*Triaenodes anomalus* OS Flint, 1967 : NT (Male redescribed and female described from Mexico (Guerrero, Michoacan) and Nicaragua by RW Holzenthal & T Andersen, 2004, Zootaxa 511: 16-17, f 7)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Holotype--Male; MEXICO: Guerrero, nr Chilpancingo, rt 95, km 297, 15-16-vii-1965, Flint & Ortiz (UMSP000067438); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RW Holzenthal & T Andersen, 2004, Zootaxa 511: 16) Mexico (Guerrero))

*Triaenodes apicatus* L Navas, 1934 : AT (Madagascar)

*Triaenodes apicomaculatus* W Mey, 1990 : OL (Philippines)

*Triaenodes assimilis* (N Banks, 1937) : OL (Redescribed by T Andersen & RW Holzenthal, 1999, Proc Internatn Symp Trich 9: 12 Lectotype designated by T Andersen & RW Holzenthal, 1999, P Internatn Symp Trich 9: 12 Philippines)

*Allosetodes assimilis* N Banks, 1937

*Triaenodes atalomus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes aureus* DE Kimmins, 1962 : AU (Papua New Guinea)

*Triaenodes aureus* S Jacquemart & B Statzner, 1981 : AT ([preoccupied by DE Kimmins, 1962] Democratic Republic of the Congo)

*Triaenodes barbarae* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes bernaysae* K Korboot, 1964 : AU (redescribed by A Neboiss & A Wells, 1998, Mem Mus Victoria 57(1): 117 Australia)

*Triaenodes bicolor* (J Curtis, 1834) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32)

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larval hind leg illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 136

Reported from Slovenia by G Urbanic, 2001, Acta Entomologica Slovenica 9(2): 129-134

Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

In lentic habitat near Potsdam Germany according to W Mey, 2005, Lauterbornia 54: 115-122

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 70

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Leptocerus bicolor* J Curtis, 1834

Syn.: *Leptocerus rufogriseus* JF Stephens, 1836

Syn.: *Leptocerus tineoides* HA Hagen, 1860

Syn.: *Mystacida ferruginea* P Rambur, 1842

Syn.: *Mystacides rufus* F Kolenati, 1858

Syn.: *Phryganea ochrata* JW Zetterstedt, 1840

Syn.: *Setodes auripilis*, 1864

Syn.: *Setodes fuscus* F Brauer, 1857

*Triaenodes bifasciatus* L Navas, 1934 : AT (Madagascar)

*Triaenodes bifidus* S Jacquemart, 1966 : AT (Democratic Republic of the Congo)

*Triaenodes bilobatus* L Yang & JC Morse, 2000 : OL (China (Fujian))

*Triaenodes boettcheri* G Ulmer, 1930 : OL (Philippines)

*Triaenodes botosaneanui* G Marlier, 1978 : AT (Gabon)

*Triaenodes bulupendek* T Andersen & RW Holzenthal, 1999 : OL (Malaysia (XX?))

*Triaenodes calamintella* W Mey, 1995 : OL (Philippines)

*Triaenodes calcaratus* AV Martynov, 1928 : PA (Cited from WP by H Malicky, 2005, Linzer biol Beitr 37(1): 584 Kazakhstan)

*Triaenodes camurus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes canus* L Navas, 1933 (Spain)

*Triaenodes celatus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes cheliferus* (ME Mosely, 1932) : AT (Uganda)

*Triaenodella cheliferus* ME Mosely, 1932

*Triaenodes cheliferus gibberus* B Statzner, 1976 (

~cheliferus (ME Mosely, 1932, Ann Mag nat Hist (10) 11: 310-311, f 21-26), *Triaenodella*)

*Triaenodes chirripo* RW Holzenthal & T Andersen, 2004 : NT (Male and female described originally near *Triaenodes kilambe* RW Holzenthal & T Andersen and *Triaenodes clauseni* RW Holzenthal & T Andersen Holotype--Male; COSTA RICA: Cartago, Quebrada Platanillo, ca 5 km E Moravia de Chirripo, 09°49'16"N, 083°24'25"W, 1130 m, 6-viii-1987, Holzenthal, Morse, & Clausen (UMSP000083712); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes clarus* S Jacquemart, 1961 : AT (Democratic Republic of the Congo)

*Triaenodes clauseni* RW Holzenthal & T Andersen, 2004 : NT (Male and female described originally near *Triaenodes kilambe* RW Holzenthal & T Andersen)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Holotype--Male; COSTA RICA: Alajuela, Cerro Campana, Rio Bochinche trib 6 km (air) NW Dos Rios, 10°56'42"N, 085°24'47"E [sic], 600 m, 22-23-vii-1987, Holzenthal, Morse, & Clausen (UMSP000083714); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes clavatus* (ME Mosely, 1932) : AT (Tanganyika)

*Triaenodella clavatus* ME Mosely, 1932

*Triaenodes clavatus aequus* B Statzner, 1976 (

~clavatus (ME Mosely, 1932, Ann Mag nat Hist (10) 11: 311-313, f 27-29), *Triaenodella*)

*Triaenodes cloe* (HA Hagen, 1859) : OL (Sri Lanka)

*Setodes cloe* HA Hagen, 1859

*Triaenodes columbicus* G Ulmer, 1909 : NT (Colombia)

*Triaenodes conjugatus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes conspersus* (P Rambur, 1842) : PA (

Reported from Poland as *Ylodes conspersus* by J Majecki, 2000, *Acta Universitatis Lodzianis Folia Zoologica* 4: 39-46 France)

*Mystacida conspersus* P Rambur, 1842

Syn.: *Mystacides rufogriseus* F Kolenati, 1858

Syn.: *Triaenodes alluaudi* L Navas, 1936

Syn.: *Triaenodes tinnelinus* L Navas, 1930

*Triaenodes contartus* S Jacquemart & B Statzner, 1981 : AT (Democratic Republic of the Congo)

*Triaenodes copelatus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes corallinus* DE Kimmins, 1962 : AU (Papua)

*Triaenodes corynotrus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes costalis* DE Kimmins, 1962 : AU (Papua)

*Triaenodes cuspiosus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes cuyotenango* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes mexicanus* RW Holzenthal & T Andersen, *Triaenodes peruanus* OS Flint & L Reyes-Arrunategui, *Triaenodes tuxtlenensis* RW Holzenthal & T Andersen, and *Triaenodes delicatus* L Navas Holotype--Male; GUATEMALA: Suchitepquez, Cuyotenango, 10-20-vi-1996, Flint & Ortiz (UMSP000083650); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Guatemala)

*Triaenodes cymulosus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes darfuricus* ME Mosely, 1936 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, *Tijdschrift voor Entomologie* 145(1): 67, figs Sudan)

Syn.: *Triaenodes bernardi* F Vaillant, 1953

*Triaenodes delicatus* L Navas, 1924 : NT (Male re-described and female described from Costa Rica and Panama by RW Holzenthal & T Andersen, 2004, *Zootaxa* 511: 20-23, f 3-4, 11-12, 33 Holotype--Male; COSTA RICA: La Caja; deposited in the Museum National d'Histoire Naturelle, Paris, France Costa Rica)

*Triaenodes demoulini* S Jacquemart, 1967 : AT (Democratic Republic of the Congo)

*Triaenodes dendyi* KL Manuel, 2010 : NA (Male and female described originally near *Triaenodes nox* Holotype--Male; UNITED STATES OF AMERICA: Florida, Okaloosa Co, Blackwater River, Florida A&M University Biological Station, 4.5 miles NW Holt, 20-iv-1973, coll No 8-FLA-396, WL Peters and JG Peters; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America United States of America)

*Triaenodes detruncatus* AV Martynov, 1924 (Russia (North West))

*Triaenodes dibolia* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes difformis* ME Mosely, 1932 : AT (Uganda)

*Triaenodes dolabratus* DG Gibbs, 1973 : AT (Male redescribed in subgenus *Triaenodella* as *Triaenodes dolobratus* by T Andersen & RW Holzenthal, 2001, *Tijdschr Entomol* 144: 233, 235, f 16-21 Ghana)

*Triaenodes doryphorus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes drepana* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes dubius* ME Mosely, 1934 : AU (Fiji Islands)

*Triaenodes dusrus* F Schmid, 1965 : OL (Original description translated from French into English and new diagnosis provided by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 2, 7, 100, 102, 109, f 119)

Reported from Thailand, Malaysia (Pahang), Sumatra, Vietnam by H Malicky, 2005, *Z Arb Gem Oest Ent* 57: 39

Listed from Indonesia (Sumatra), as *Triaenodes dusra*, by H Malicky, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 175-179 China (Yunnan))

*Triaenodes dysmica* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes elegantulus* G Ulmer, 1908 : AT (Reported from West Africa, male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, *Tijdschrift voor Entomologie* 145(1): 71, figs Tanzania)

*Triaenodes empheirus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes esakii* M Tsuda, 1941 : AU (Palau Islands)

*Triaenodes etheira* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes excisus* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Triaenodes eximius* F Schmid, 1994 : OL (India)



*Triaenodes falculatus* DE Kimmins, 1956 : AT (Republic of South Africa)  
*Triaenodes fantasio* F Schmid, 1994 : OL (India)  
*Triaenodes fijianus* ME Mosely, 1941 : AU (Fiji Islands)  
*Triaenodes flintorum* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes mexicanus* RW Holzenthal & T Andersen Holotype--Male; MEXICO: Oaxaca, 8 km S Valle Nacional, 25-v-1981, C & O Flint (UMSP000083658); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Oaxaca))  
*Triaenodes florida* HH Ross, 1941 : NA (Male and female redescribed in *Triaenodes* (*Triaenodella*) *ignitus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 41, f 21A-F, map 9 Holotype--Male; UNITED STATES OF AMERICA: Florida, Alachua Co, Gainesville, 02-iv-1939, L Berner; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 41) United States of America)  
*Triaenodes foliformis* L Yang & JC Morse, 2000 : OL (China (Sichuan))  
*Triaenodes forficatus* A Neboiss & A Wells, 1998 : AU (Australia)  
*Triaenodes fortunio* F Schmid, 1994 : OL (India)  
*Triaenodes frontalis* N Banks, 1907 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 11(2): 24

Male and female redescribed in subgenus *Ylodes* by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 16, 19, f 10A-F, Map 1 Holotype--Female; UNITED STATES OF AMERICA: Colorado, Ft Collins, 30 June (Banks listed 20 June as the collection date); Colo 2616, MCZ 11587, pinned; deposited in the Museum of Comparative Zoology, Harvard (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 16) United States of America)

*Triaenodes fuscinus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes gazella* (HA Hagen, 1859) : OL (Sri Lanka)

*Setodes gazella* HA Hagen, 1859

*Triaenodes ghana* DE Kimmins, 1957 : AT (Male redescribed in subgenus *Triaenodella* by T Andersen & RW Holzenthal, 2001, Tijdschr Entomol 144: 235, 237, f 22-25 Gold Coast)

*Triaenodes gibberosus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes grifo* H Malicky, 2005 : OL (Male described originally Holotype--Male; THAILAND: Prov Kanchanaburi, Sai Yok NP, 17-iv-2001, leg Malicky and Chantaramongkol; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes guadaloupe* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes morai* RW Holzenthal & T Andersen Holotype--Male; PANAMA: Chiriqui, Guadalupe Arriba, 08°52'26"N, 082°33'13"W, 19-25-vi-1985, H Wolda (UMSP000027126); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Triaenodes hastatus* G Ulmer, 1908 : AT (Tanganyika, Ruanda-Urundi)

*Triaenodes hauseri* W Mey, 1998 : OL (Philippines (Mindanao))

*Triaenodes helo* LJ Milne, 1934 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 20

Male redescribed, *Triaenodes* (*Triaenodella*) *helo* a hybrid of *Triaenodes* (*Triaenodella*) *perna* HH Ross and *Triaenodes* (*Triaenodella*) *milnei* KL Manuel, according to KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 33-34, f 17a-b, map 6 Holotype--Male; UNITED STATES OF AMERICA: NC; MCZ Type No 10974; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 33) United States of America)

*Triaenodes hickini* DE Kimmins, 1957 : AT (Kenya)

*Triaenodes hirsutus* S Jacquemart, 1966 : AT (Democratic Republic of the Congo)

*Triaenodes hodgesi* RW Holzenthal & T Andersen, 2004 : NT (Male and female described originally near *Triaenodes peruanus* OS Flint & L Reyes-Arrunategui Holotype--Male; ECUADOR: Pichincha, Sto Domingo de los Colorados, 14 km E, 5-vii-1975, Langley & Cohen (UMSP000083729); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Ecuador)

*Triaenodes hoenei* F Schmid, 1959 : OL (Schmid, 1965, description translated from French into English and new diagnosis provided by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 7, 100, 101-102, 109, f 121 China (Yunnan))

*Triaenodes hornitos* RW Holzenthal & T Andersen, 2004 : NT (Male described originally Holotype--Male; PANAMA: Chiriqui, Fortuna Dam Site nr Hornitos, 08°55'00"N, 082°16'00"W, 1050 m, 14-20-xii-1977, H Wolda (UMSP000083372); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Panama)

*Triaenodes hybos* W Mey, 1998 : OL (Philippines (Mindanao))

*Triaenodes ignitus* (F Walker, 1852) : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 20

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Male and female redescribed in *Triaenodes* (*Triaenodella*) *ignitus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 38, 40-41, f 20A-G, map 8 Lectotype--Male; UNITED STATES OF AMERICA: Georgia, coll by John Abbot; pinned; deposited in The Natural History Museum, London, United Kingdom (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 38) United States of America)

*Leptocerus ignitus* F Walker, 1852

*Triaenodes imakus* DG Gibbs, 1973 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, Tijdschrift voor Entomologie 145(1): 72, figs Ghana)

*Triaenodes implexus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes indicus* AV Martynov, 1936 : OL (India)

*Triaenodes insulanus* G Ulmer, 1951 : OL (Kei Island)

*Triaenodes insularis* L Navas, 1936 : AT (Madagascar)

*Triaenodes intecta* W Mey, 2003 : OL (Male described originally near *Triaenodes spoliatus* W Mey, 1998 Holotype--Male; PHILIPPINES: Leyte, Baybay, Mt. Panasugan, daytime collecting, 13-iv-1997, leg W Mey; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Leyte))

*Triaenodes internus* R McLachlan, 1875 : PA (Reported from Iran, as *Ylodes interna* R McLachlan, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Listed from China (Xinjiang) as *Ylodes internus* (R McLachlan) by XY Huang, JH Zhang, & W Wang, 2005, Journal of Shihezi University (Natural Science) 23(4): 470, 471 "Habitat in deserto Kasil-kum, in valle Sarafschanensi et in regno Kokanico (Mody, Usgent)" Uzbekistan)

*Triaenodes internus capitatus* AV Martynov, 1928 (*Triaenodes internus* R McLachlan, 1875, Reise Turkestan Fedtschenko Neuroptera p 35-36, pl 3 f 3-3b)

*Triaenodes intricata* A Neboiss, 1977 : AU (Australia)

*Triaenodes iphis* H Malicky, 2005 : OL (Male described originally Holotype--Male; THAILAND: Tung Salaeng Luang NP, 30-iii-1998; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes jakutanus* AV Martynov, 1910 : NA (Described originally as subspecies of *Triaenodes conspersus* P Rambur, elevated to species by G Ulmer 1932 Fauna arct 6: 212, 217

Reported from Siberia (Altai) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Male redescribed, female described as *Triaenodes* (*Ylodes*) *kaszabi* F Schmid by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 21, f 13A-F, Map 3 Russia (central Siberia))

Syn.: *Triaenodes kaszabi* F Schmid, 1968

*Triaenodes jehus* H Malicky & W Mey, 2011 : AU (Male described originally Holotype--Male; INDONESIA: Molukken, Insel Bacan, Mt Sibela, 2-13-ii-1996, leg ?; deposited in the Zoologisches Museum, Berlin, Germany Indonesia (Bacan))

*Triaenodes jubatus* A Neboiss, 1982 : AU (redescribed by A Neboiss & A Wells, 1998, Mem Mus Victoria 57(1): 98 Australia)

*Triaenodes kalydon* H Malicky, 2005 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok Merangir, v-x-1980, leg Diehl; deposited in the H Malicky collection, Lunz am See, Austria Indonesia (Sumatra))

*Triaenodes kawraiskii* AV Martynov, 1909 : PA (Reported from Iran by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168

Reported from Rhein River near St Goarshausen in 1890 by W Mey, 2006, Lauterbornia 56: 155-167

Listed from northwestern Turkey as *Ylodes kawraiskii* by F Sipahiler, 2007, Braueria 34: 40 Georgia)

Syn.: *Triaenodes conspersus banaticus* L Botosaneanu, 1958

*Triaenodes kawraiskii persicus* AV Martynov, 1928 (*Triaenodes kawraiskii* AV Martynov, 1909, Zool Jb Syst 27: 531-532, 549, 552, pl 26 f 31-32)

*Triaenodes kilambe* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes chirripo* RW Holzenthal & T Andersen and *Triaenodes kilambe* RW Holzenthal & T Andersen

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Holotype--Male; NICARAGUA: Jinotega, Cerro Kilambe, 13°34'00"N, 085°43'00"W, 1520 m, viii-1997, Maes & Hernandez (UMSP000027123); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Nicaragua)

*Triaenodes kimilus* ME Mosely, 1939 : AT (Democratic Republic of the Congo)

*Triaenodes kofi* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes kwabena* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes kwadwo* T Andersen & RW Holzenthal, 2001 : AT (Male described originally Holotype--Male; Ghana: Volta Region, Agumatsa Waterfalls, Wli, 4-13-iii-1993, at light, NUFU-Project; in alcohol; deposited in the University of Minnesota, St Paul, Minnesota, United States of America Ghana)

*Triaenodes kwaku* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes kwame* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes kwasi* T Andersen & RW Holzenthal, 2002 : AT (Described in subgenus *Triaenodes* Ghana)

*Triaenodes laamii* M Dakki, 1980 (Morocco)

*Triaenodes laciniatus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes lanceolatus* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Triaenodes lankarama* F Schmid, 1958 : OL (Sri Lanka)

*Triaenodes legonus* ME Mosely, 1939 : AT (Kenya)

*Triaenodes levanidovae* (JC Morse & TS Vshivkova, 1997) (Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, Proc Internatn Symp Trichoptera 12: 55 Russia (Far East))

*Ylodes levanidovae* JC Morse & TS Vshivkova, 1997

*Triaenodes longispinus* DE Kimmins, 1962 : AU (Papua)

*Triaenodes longispinus* (S Jacquemart, 1966) : AT ([preoccupied in *Triaenodes* by DE Kimmins, 1962, to be renamed] Democratic Republic of the Congo)

*Triaenodella longispinus* S Jacquemart, 1966

*Triaenodes lorai* L Navas, 1932 : AU (New Guinea)

*Triaenodes lurideolus* W Mey, 1990 : OL (Philippines)

*Triaenodes manni* N Banks, 1936 : AU (Fiji Islands)

*Triaenodes mataranka* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes melanopeza* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes menestheus* H Malicky, 2005 : OL (Male described originally, near *Triaenodes pentheus* H Malicky, from Indonesia (Sumatra), Thailand, Vietnam, Malaysia (Pahang)

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: North Sumatra, Huta Padang, 2-iii-1991, leg Malicky; deposited in the H Malicky collection, Lunz am See, Austria (Indonesia (Sumatra))

*Triaenodes mexicanus* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes flintorum* RW Holzenthal & T Andersen Holotype--Male; MEXICO: Morelos, Cuernavaca, vi-1911, Godman & Salvin (UMSP000083660); deposited in The Natural History Museum, London, United Kingdom Mexico (Morelos))

*Triaenodes minos* H Malicky, 2005 : AU (Male described originally Holotype--Male; PAPUA NEW GUINEA: E Highland Province, NW Goroka, Mt Gahavisuka, near Lipizuga Cr, ca 2200 m, 12-17-viii-1983, leg S & P Miller; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Triaenodes moncho* RW Holzenthal & T Andersen, 2004 : NT (Male described originally Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito & tribs, 10°12'58"N, 084°36'25"W, 980 m, 30-iii-1-iv-1987, Holzenthal, Hamilton, & Heyn (UMSP000027129); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes mondoanus* DE Kimmins, 1962 : AU (Papua)

*Triaenodes morai* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes guadaloupe* RW Holzenthal & T Andersen from Costa Rica and Nicaragua)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Holotype--Male; COSTA RICA: Alajuela, Reserva Forestal San Ramon, Rio San Lorencito & tribs, 10°12'58"N, 084°36'25"W, 980 m, 6-10-iii-1991, Holzenthal, Munoz, & Huisman (UMSP000083728); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes moselyi* DE Kimmins, 1962 : AT (Uganda)

*Triaenodes mouldsi* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes narkissos* H Malicky, 2005 : OL (Male described originally Holotype--Male; THAILAND: Chiang Dao Wildlife Research Station, 12-20-v-2004, leg Sivec & Horvat; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes nesiotinus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes nicaraguensis* RW Holzenthal & T Andersen, 2004 : NT (Male described originally near *Triaenodes delicatus* L Navas)

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Holotype--Male; NICARAGUA: Matagalpa, 50 km E Matagalpa, El Coyolar, 85°50'00"N, 013°07'00"W [sic], 15-v-1991, S Hue (UMSP000027133); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Nicaragua)

*Triaenodes nigrolineatus* DE Kimmins, 1962 : AU (Papua)

*Triaenodes niwai* M Iwata, 1927 (Japan)

*Triaenodes notalius* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes nox* HH Ross, 1941 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 20)

Male and female redescribed in subgenus *Triaenodes* by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 27, f 15A-F, map 5 Holotype--Male; CANADA: Ontario, Swansea, 12-viii-1937, HS Parich; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, Caddis Press, p 27) Canada)

*Triaenodes nymphaea* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes oaxacensis* RW Holzenthal & T Andersen, 2004 : NT (Male described originally Holotype--Male; MEXICO: Oaxaca, 1 mi NE of Ixtlan de Juarez, 13-viii-1967, OS Flint (UMSP000083651); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Oaxaca))

*Triaenodes ochreellus* R McLachlan, 1877 (Midgut epithelial goblet cells described by C

Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81 France)  
*Triaenodes ochreellus lefkas* H Malicky, 1974 (~ochreellus R McLachlan, 1877, Rev Syn p 322

distribution discussed by F Cianficconi, C Corallini, and F Tucciarelli, 2002, Biogeographia 23:  
139-155, f 9-11, 14

Habitat in hygropetric mosses discussed by F Cianficconi, B Todini, & C Cortini-Pedrotti, 2005,  
Proc Internatn Symp Trichoptera 11: 91-99)

*Triaenodes odysseus* H Malicky, 2005 : AU (Male described originally, near *Triaenodes penelope*  
H Malicky Holotype--Male; PAPUA NEW GUINEA: Morobe, Mt Kaindi, 2350 m, 3-x-1992, leg  
VO Becker; deposited in the United States National Museum of Natural History, Smithsonian  
Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Triaenodes oidipus* H Malicky, 2005 : AU (Male described originally Holotype--Male;  
INDONESIA: Irian Jaya, Wamena, 1600 m, 13-xi-1971, leg Diehl; deposited in the collection of H  
Malicky, Lunz am See, Austria Indonesia (Irian Jaya))

*Triaenodes ornatus* G Ulmer, 1915 : OL (Sri Lanka)

*Triaenodes palpalis* N Banks, 1920 : AT (Male redescribed by T Andersen & RW Holzenthal,  
2001, Tijdschr Entomol 144: 237, f 26-30 Cameroon)

*Triaenodes patroklos* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally  
near *Triaenodes kalydon* H Malicky, *Triaenodes transversaria* W Mey, *Triaenodes ornatus* G  
Ulmer, and *Triaenodes semigraphata* W Mey Holotype--Male; THAILAND: Chiang Dao  
National Park, Namtok Srisungwan, 600 m, 19\*37'N, 098\*57'E, 17-iii-2002, leg ?; deposed in the  
H Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes pelias* H Malicky, 2005 : OL (Male described originally

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International  
Symposium on Trichoptera 12: 175-179 Holotype--Male; INDONESIA: Sumatra, Dolok  
Merangir, June 1981, leg Diehl; deposed in the H Malicky collection, Lunz am See, Austria  
Indonesia (Sumatra))

*Triaenodes pellectus* G Ulmer, 1908 : OL (Redescription of male and female by L Yang & JC  
Morse, 2000, Mem Amer Ent Inst 64: 3, 7, 107-108, f 61, 125, 215

Reported from Malaysia (Sabah) by J Huisman & T Andersen, 2001, Zoologische Mededelingen  
(Leiden) 75(16-24): 381-384

Recorded from the Kuril Islands by N Minakawa, TI Arefina, T Ito, T Nozaki, N Kuhara, H  
Nishimoto, M Uenishi, VA Teslenko, DJ Bennett, RI Gara, KL Kurowski, PB Oberg, TI Ritchie,  
& LJ Weis, 2004, in H Takahashi & M Ohara, Biodiv Biog Kuril Islands and Sakhalin 1: 55

Reported from Thailand, Malaysia (Pahang, Johor), Sumatra, Laos, Vietnam, Japan, Russia  
(Far East) by H Malicky, 2005, Z Arb Gem Oest Ent 57: 39

Reported from Siberia (Barnaul) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International  
Symposium on Trichoptera 12: 175-179 Japan)

Syn.: *Triaenodella gracillima* AV Martynov, 1935

*Triaenodes penelope* H Malicky, 2005 : AU (Male described originally Holotype--Male;  
INDONESIA: Irian Jaya, Jayapura, Sentani, 250 m, Cyclop Mountains Nature Reserve, 30-xi-  
1997, leg K Cerny; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Irian  
Jaya))

*Triaenodes pentheus* H Malicky, 2005 : OL (Male described originally, near *Triaenodes*  
*menestheus* H Malicky

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20):  
241-264 Holotype--Male; THAILAND: Doi Angkang, 17-iii-1992, leg Malicky; deposed in the H  
Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes perissotes* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes perna* HH Ross, 1938 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv  
1(2): 11

Occurrence in springs and spring-runs on Edwards Plateau, Texas, as *Triaenodes pernus*, by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29

Male and female redescribed in subgenus *Triaenodella* by KL Manual, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 34, 36, f 18A-E, map 7 Holotype--Male; UNITED STATES OF AMERICA: Illinois, Eichorn, 13-vi-1934, along Hick's Branch, DeLong and Ross; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manual, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 34) United States of America)

*Triaenodes peruanus* OS Flint & L Reyes-Arrunategui, 1991 : NT (Male re-described and female described near *Triaenodes delicatus* L Navas from Colombia, Ecuador, and Peru by RW Holzenthal & T Andersen, 2004, Zootaxa 511: 31-32, f 23, 35 Holotype--Male; PERU: Dept La Libertad, Prov Trujillo, Dist Simbal, Rio Lucumar, Simbal; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (RW Holzenthal & T Andersen, 2004, Zootaxa 511: 31) Peru)

*Triaenodes piceus* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Triaenodes plutonis* (N Banks, 1931) : OL (Redescribed by T Andersen & RW Holzenthal, 1999, Proc Internatn Symp Trich 9: 11 Malaysia (Sabah))

*Allosetodes plutonis* N Banks, 1931

*Triaenodes polystachius* (G Marlier, 1957) : AT (Democratic Republic of the Congo)

*Triaenodella polystachius* G Marlier, 1957

*Triaenodes probolius* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes proserpina* H Malicky, 2005 : OL (Male described originally, near *Triaenodes calamitella* W Mey and *Triaenodes sertata* W Mey

Reported from The Philippines (Sibuyan) by H Malicky, 2009, Entomologica Austriaca 16: 14, 15 Holotype--Male; PHILIPPINES: Sibuyan, Palawa River, 18-iii--6-iv-1987, leg Roland Mueller; deposited in the H Malicky collection, Lunz am See, Austria Philippines (Sibuyan))

*Triaenodes proszynskii* (G Marlier & L Botosaneanu, 1968) : AT (Male redescribed in subgenus *Triaenodella* by T Andersen & RW Holzenthal, 2001, Tijdschr Entomol 144: 237, 241, f 2, 31-41 Ivory Coast)

*Triaenodella proszynskii* G Marlier & L Botosaneanu, 1968

*Triaenodes proteus* H Malicky, 2005 : AU (Male described originally

Reported from Papua New Guinea (New Britain, Manus) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 90 Holotype--Male; PAPUA NEW GUINEA: Bismark Archipelago, Insel New Britain, Komgi, 14-v-1962; deposited in the Noona Dan Expedition, ZMK Papua New Guinea (Bismarck Archipelago))

*Triaenodes qinglingensis* L Yang & JC Morse, 2000 : OL (Reported from Japan by T Nozaki & S Nakamura, 2002, Misc Rep Hiwa Mus Natr Hist 41: 165-180

Reported from China, Thailand, and Laos, near *Triaenodes unanimitis* R McLachlan by H Malicky, 2005, Z Arb Gem Oest Ent 57: 39

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 China (Shaanxi))

*Triaenodes reclusus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes resimus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes reuteri* R McLachlan, 1880 : PA (Reported from Aust-Agder and Vest-Agder, Norway, as *Ylodes reuteri* (R McLachlan), by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Sexual dimorphism, swarming behavior, and pair formation described as *Ylodes reuteri* (McLachlan) by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Considered to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin, as *Ylodes reuteri*, by DW Blinn & DE Ruiter, 2006, *Southwestern Naturalist* 51(3): 326-337

Reported from Selenge River Basin of Mongolia by S Chuluunbat & JC Morse, 2007, *Proc Internatn Symp Trichoptera* 12: 55

Reported from Gotland Island, Sweden, as *Ylodes reuteri* (R McLachlan), by B Gullefors & KA Johanson, 2007, *Entomologisk Tidskrift* 128(1-2): 70

Listed from Ukraine, as *Ylodes reuteri* (R McLachlan), by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20

Male and female redescribed in subgenus *Ylodes* by KL Manuel, 2010, *Longhorn Caddisfly Genus Triaenodes in North America*, Caddis Press, p 19-20, f 11A-F, Map 2 Lectotype--Male; SWEDEN: P Wg, O G; pinned; deposited in The Natural History Museum, London, United Kingdom, designated by DE Kimmins, 1957, *Bulletin of the British Museum (Natural History)* 6(4): 122 (KL Manuel, 2010, *Longhorn Caddisfly Genus Triaenodes in North America*, Caddis Press, p 19) Sweden, Finland)

Syn.: *Triaenodes griseus* N Banks, 1899

*Triaenodes reuteri turkestanicus* AV Martynov, 1928 (*Triaenodes reuteri* R McLachlan, 1880, *Rev Syn Suppl* 2: 65, pl 57 f 1-2)

*Triaenodes reuteri zeitounensis* ME Mosely, 1939 (Originally described as a species

as subspecies, L Botosaneanu, 1963, *Polsk Pismo ent* 33: 98, figs

*Triaenodes reuteri* R McLachlan, 1880, *Rev Syn Suppl* 2: 65, pl 57 f 1-2)

*Triaenodes rufescens* AV Martynov, 1935 : OL (male redescribed by L Yang & JC Morse, 2000, *Mem Amer Ent Inst* 64: 3, 8, 107, 108-109, f 126 Russia (southern Far East))

*Triaenodes rutellus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes schmidi* (KL Manuel & AP Nimmo, 1984) : NA (Male and female redescribed in subgenus *Ylodes* by KL Manuel, 2010, *Longhorn Caddisfly Genus Triaenodes in North America*, Caddis Press, p 20-21, f 12A-D, Map 3 Holotype--Male; CANADA: Yukon Territory, Seaforth Creek, Alaska Hwy, 72.6 km W Teslin Bridge, 24 July 1979, AP Nimmo; CNC Type No 18034, in alcohol; deposited in the Canadian National Collection of Insects, KL Manuel, 2010, *Longhorn Caddisfly Genus Triaenodes in North America*, Caddis Press, p 20) Canada)

*Ylodes schmidi* KL Manuel & AP Nimmo, 1984

*Triaenodes scottae* FM Gibon, 1982 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, *Tijdschrift voor Entomologie* 145(1): 81, figs Ivory Coast)

*Triaenodes semigraphatus* W Mey, 1990 : OL (Philippines)

*Triaenodes serratus* G Ulmer, 1912 : AT (Male redescribed in subgenus *Triaenodella* by T Andersen & RW Holzenthal, 2001, *Tijdschr Entomol* 144: 241-243, f 42-50 Sudan)

*Triaenodes sertata* W Mey, 2003 : OL (Male described originally near *Triaenodes calamintella* W Mey Holotype--Male; PHILIPPINES: Luzon, Quezon Province, east of Linfanta, Magsaysay, 9-iv-1997, tributary to Agos River, leg W Mey; pinned; deposited temporarily in the Museum fuer Naturkunde, Humboldt-Universitaet, Berlin, Germany, to be deposited later in either the National Museum, Manila, Philippines, or the Natural History Museum of the UP, Los Banos, Philippines Philippines (Luzon))

*Triaenodes siculus* (KH Barnard, 1934) : AT (Namibia)

*Adicella siculus* KH Barnard, 1934

*Triaenodes silvanus* H Malicky, 2005 : AU (Male described originally Holotype--Male; PAPUA NEW GUINEA: Morobe Prov, Wau Wau Ecological Institute, 1200 m, 1-10-viii-1983, leg S & P Miller; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Triaenodes simulans* B Tjeder, 1929 : PA (Recorded from Denmark by P Wiberg-Larsen, 1980, *Entomol Meddr* 49: 29-30)

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, *J Insect Behav* 6(5): 563-577

Reported from Buskerud, Norway, as *Ylodes simulans* (B Tjeder), by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Listed from Ukraine, as *Ylodes simulans* (B Tjeder), by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Sweden)

Syn.: *Triaenodes forsslundi* B Tjeder, 1941

*Triaenodes sinicus* G Ulmer, 1932 : OL (Ulmer, 1932, description translated from German into English and new diagnosis provided by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 2, 8, 99, 100, 103-104, 109, f 123 China (Jiangsu))

*Triaenodes sinis* H Malicky, 2005 : AU (Male described originally, near *Triaenodes costalis* DE Kimmins)

Reported from Papua New Guinea (St Matthias Islands: Mussau) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 90 Holotype--Male; PAPUA NEW GUINEA: Bismark Archipelago, Insel Mussau, Talumalaus, 9-ii-1962; deposited in the Noona Dan Expedition, ZMK Papua New Guinea (Bismarck Archipelago))

*Triaenodes spoliatus* W Mey, 1998 : OL (Philippines (Mindanao))

*Triaenodes stipulosus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes taenia* HH Ross, 1938 : NA (Larva described by JB Glover, 1996, Bull Ohio Biol Surv 1(2): 14

Male and female redescribed in *Triaenodes* (*Triaenodella*) *ignitus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 41, 44, f 21A-F, map 9 Holotype--Male; UNITED STATES OF AMERICA: Tennessee, Sevier Co, Gatlinburg, Little Pigeon River, 12-vi-1935, HH Ross; in alcohol; deposited in the Illinois Natural History Survey, Champaign, Illinois, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 48) United States of America)

*Triaenodes tafanus* DE Kimmins, 1962 : AU (Papua New Guinea)

*Triaenodes tajo* RW Holzenthal & T Andersen, 2004 : NT (Male and female described originally near *Triaenodes delicatus* L Navas Holotype--Male; COSTA RICA: Puntarenas, Rio Jaba, rock quarry, 1.4 km (air) W Las Cruces, 08°47'24"N, 082°58'12"W, 1150 m, 9-viii-1990, Holzenthal, Blahnik, & Munoz (UMSP000083719); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes talamanca* RW Holzenthal & T Andersen, 2004 : NT (Male described originally Holotype--Male; COSTA RICA: Puntarenas, Rio Guineal, ca 1 km (air) E Finca Helechales, 09°04'34"N, 083°05'31"W, 840 m, 4-viii-1987, Holzenthal, Morse, & Clausen (UMSP000027130); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes tanzanicus* J Olah, 1986 : AT (Tanzania)

*Triaenodes tapanti* RW Holzenthal & T Andersen, 2004 : NT (Male and female described originally from Costa Rica and Panama Holotype--Male; COSTA RICA: Cartago, Reserva Tapanti, unnamed tribs [Quebrada Palmitos & falls], ca 9 km (road) NW tunnel, 09°43'12"N, 083°46'48"W, 1400 m, 8-9-vi-1988, C & O Flint and Holzenthal (UMSP000083697); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes tardus* LJ Milne, 1934 : NA (Described originally as *Triaenodes marginata tarda*

Male and female redescribed in the *Triaenodes* (*Triaenodella*) *marginatus* Group by KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 68, 70, f 36A-F, map 17 Holotype--Male; CANADA: Toronto, 24-vi-1926, LJ Milne; MCZ No 19547; pinned; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (KL Manuel, 2010, Longhorn Caddisfly Genus *Triaenodes* in North America, p 68) Canada)

Syn.: *Triaenodes mephitus* LJ Milne, 1936

Syn.: *Triaenodes vorhiesi* C Betten, 1934

*Triaenodes telefomicus* K Kumanski, 1979 : AU (Papua New Guinea)

*Triaenodes teneratus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes teresis* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes teuthras* H Malicky, 2005 : OL (Male described originally Holotype--Male; INDIA: Orissa, Jeypore, x-1958, leg P Susai Nathan; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of



**America India)**

*Triaenodes theiophorus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes themis* H Malicky & T Prommi, 2006 : OL (Male described originally near *Triaenodes kalydon* H Malicky, *Triaenodes patroklos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Nakhon Si Thammarat, Namtok Si Khit National Park, Si Khit Waterfall, 192 m, 9°00'N, 99°46'E, 9-iv-2005; deposited in the H Malicky collection, Lunz am See, Austria Thailand)

*Triaenodes thespios* H Malicky, 2005 : AU (Male described originally, near *Triaenodes silvanus* H Malicky Holotype--Male; PAPUA NEW GUINEA: Morobe Prov, Wau Wau Ecological Institute, 1200 m, 1-10-viii-1983, leg S & P Miller; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Papua New Guinea)

*Triaenodes tico* RW Holzenthal & T Andersen, 2004 : NT (Male and female and larva and pupa described originally near *Triaenodes acanthus* RW Holzenthal & T Andersen, *Triaenodes anomalus* OS Flint, *Triaenodes flintorum* RW Holzenthal & T Andersen, *Triaenodes hodgesi* RW Holzenthal & T Andersen, and *Triaenodes delicatus* L Navas Holotype--Male; COSTA RICA: San Jose, Rio Parrita Chiquito, rt 12, 6.5 km SW jct rt 2, 09°42'11"N, 083°58'12"W, 1990 m, 10-iv-1987, Holzenthal, Hamilton, & Heyn (UMSP000083677); deposited in the University of Minnesota Insect Collection, Saint Paul, Minnesota, United States of America Costa Rica)

*Triaenodes tofanus* DG Gibbs, 1973 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, Tijdschrift voor Entomologie 145(1): 83, figs Ghana)

*Triaenodes torresianus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes toxeres* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes transversarius* W Mey, 1990 : OL (Philippines)

*Triaenodes triaenodiformis* (G Ulmer, 1930) : AT (Ethiopia)

*Adicella triaenodiformis* G Ulmer, 1930

*Triaenodes trifidus* DE Kimmins, 1957 : AU (Solomon Islands (Guadalcanal))

*Triaenodes triquetrus* A Neboiss & A Wells, 1998 : AU (Australia)

*Triaenodes trivulcio* F Schmid, 1994 : OL (Reported from India, Nepal, Thailand by H Malicky, 2005, Z Arb Gem Oest Ent 57: 39

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)

*Triaenodes troubati* FM Gibon, 1982 : AT (Male redescribed in subgenus *Triaenodes* by T Andersen & RW Holzenthal, 2002, Tijdschrift voor Entomologie 145(1): 83, figs Ivory Coast)

*Triaenodes tuxtlenensis* RW Holzenthal & T Andersen, 2004 : NT (Male described originally Holotype--Male; MEXICO: Veracruz, Los Tuxtlas Biological Station, Los Tuxtlas area, Rio Palma, above La Palma, 7-14-v-1981, C & O Flint (UMSP000083659); deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Mexico (Veracruz))

*Triaenodes unanimitis* R McLachlan, 1877 : OL, PA (Larva described, reported from China (Hubei), as *Triaenodes unanimitis f recta* AV Martynov, by S Wang, 1963, Acta Hydrobiologica Sinica 3: 59-60, 65, f 19-26

Sexual dimorphism, swarming behavior, and pair formation described by B Gullefors & E Petersson, 1993, J Insect Behav 6(5): 563-577

Reported for South Korea by SJ Park & YJ Bae, 1999, Korean J Limnol 32(4) Ser Num 88: 303-307

Reported from Germany by M Hohman, 2005, Lauterbornia 54: 103-114

Reported from Siberia (Southern Buryatia) by VD Ivanov & SI Melnitsky, 2007, Braueria 34: 35

Distributed in Japan (Hokkaido, Honshu, Kyushu), Russia (Kuriles, Sakhalin), China, Korea, Europe according to T Nozaki & K Tanida, 2007, Proceedings of the International Symposium on Trichoptera 12: 243-255

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Finland)

**Syn.: *Triaenodes unanimitis forma rectus* AV Martynov, 1924**  
**Syn.: *Triaenodes yamamotoi* M Tsuda, 1942**  
***Triaenodes uncatu* DE Kimmins, 1962 : AT (Uganda)**  
***Triaenodes ustulatus* DE Kimmins, 1962 : AU (Papua New Guinea)**  
***Triaenodes uvidus* A Neboiss & A Wells, 1998 : AU (Australia)**  
***Triaenodes verberatus* A Neboiss & A Wells, 1998 : AU (Australia)**  
***Triaenodes vespertinus* A Neboiss & A Wells, 1998 : AU (Australia)**  
***Triaenodes virgulus* A Neboiss & A Wells, 1998 : AU (Australia)**  
***Triaenodes voldus* ME Mosely, 1953 : AU (Australia)**  
***Triaenodes wambanus* ME Mosely, 1939 : AT (Democratic Republic of the Congo)**  
***Triaenodes wannonensis* A Neboiss & A Wells, 1998 : AU (Australia)**  
***Triaenodes woldai* RW Holzenthal & T Andersen, 2004 : NT (Male described originally  
Holotype--Male; PANAMA: Bocas del Toro, Miramar, 09°00'00"N, 082°15'00"W, 26-xii-1979-  
1-i-1980, H Wolda (UMSP000027136); deposited in the United States National Museum of  
Natural History, Smithsonian Institution, Washington, District of Columbia, United States of  
America Panama)**  
***Triaenodes xanthos* H Malicky, 2005 : AU (Male described originally, near *Triaenodes*  
*telefominicus* K Kumanski**

**Reported from Papua New Guinea (St Matthias Islands: Mussau) by H Malicky, 2010, Z Arb  
Gem Oest Ent 62: 90 Holotype--Male; PAPUA NEW GUINEA: Bismark Archipelago, Insel  
Mussau, Talumalaus, 2-ii-1962; deposited in the Noona Dan Expedition, ZMK Papua New  
Guinea (Bismarck Archipelago))**

***Triaenodes zarudnyi* AV Martynov, 1928 (Reported from Iran, as *Ylodes zarudnyi* AV  
Martynov, 1928, by A Mirmoayedi & H Malicky, 2002, Zoology in the Middle East 26: 163-168**

**Reported from Iran as *Ylodes zarudnyi* (AV Martynov) by P Chvojka, 2006, Acta Entomologica  
Musei Nationalis Pragae 46: 255  
Iran)**

***Triaenodes zetes* H Malicky, 2005 : AU (Male described originally**

**Reported from Papua New Guinea (Maluka Islands: Dyaul; Bismark Archipelago: Lavongai; St  
Matthias Islands: Mussau) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 90 Holotype--Male;  
PAPUA NEW GUINEA: Bismark Archipelago, Insel Dyaul, Sumuna, 9-iii-1962; deposited in the  
Noona Dan Expedition, ZMK Papua New Guinea (Bismarck Archipelago))**

***Tricholeiochiton* GS Kloet & WD Hincks, 1944**

***Tricholeiochiton fagesii* (E Guinard, 1879) (Recorded from Denmark by P Wiberg-Larsen, 1980,  
Entomol Meddr 49: 28-29**

**Diagnostic characters of larva, as *Tricholeiochiton fagesii*, provided by OL Katschalova, 1998, in  
GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV.  
Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 189**

**Recorded for Hungary by I Varga, 1999("1998"), Opusc Zool (Budapest) 31: 143-148**

**Redlisted in Sweden according to B Gullefors, 2002, Entomol Tidskr 123(3): 133**

**Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk  
Tidskrift 128(1-2): 68 France)**

***Leiochiton fagesii* E Guinard, 1879**

**Syn.: *Oxyethira felina* F Ris, 1897**

***Tricholeiochiton fortensis* (G Ulmer, 1951) : OL (Reported from Indonesia (Java, Sumatra),  
Malaysia (Peninsular), Vietnam, and Thailand by H Malicky & P Chantaramongkol, 2007,  
Linzer Biol Beitr 39(2): 1025**

**Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International  
Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))**

***Synagotrichia fortensis* G Ulmer, 1951**

*Tricholeiochiton jabilella* A Wells, 1985 : AU (Australia)  
*Tricholeiochiton lacustris* DE Kimmins, 1951 : OL (Myanmar)  
*Tricholeiochiton neotropicalis* OS Flint, 1991 : NT (Brazil)  
*Tricholeiochiton pennyaie* A Wells, 1998 : AU (Additional Tasmanian locality provided by A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53 Holotype--Male; Australia: Tasmania, World Heritage Area, Melaleuca, 13 Feb 1997; deposited in the Australian National Insect Collection, Canberra, Australia (A Neboiss, 2002, Papers & Proceedings of the R Soc Tasmania 136: 53) Australia (Tasmania))  
*Tricholeiochiton suwannee* P Chantaramongkol & H Malicky, 1986 : OL (Sri Lanka)

*Trichomacronema* F Schmid, 1964

*Trichomacronema ciliatum* (G Ulmer, 1926) : OL (China (Guangdong))  
*Macronema ciliatum* G Ulmer, 1926  
*Trichomacronema elegans* (G Ulmer, 1926) : OL (China (Guangdong))  
*Macronema elegans* G Ulmer, 1926  
*Trichomacronema paniae* H Malicky & P Chantaramongkol, 1991 : OL (Reported from Vietnam by DH Hoang & YJ Bae, 2006, Biol Inland Waters Suppl 1: 15 Thailand)  
*Trichomacronema shanorum* F Schmid, 1964 : OL (India)  
*Trichomacronema tandao* H Malicky, 1998 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 32)

Distributed in Thailand and Vietnam according to A Nuntakwang, P Chantaramongkol, & GW Courtney, 2007, Proceedings of the International Symposium on Trichoptera 12: 257-262 Vietnam)

*Trichosetodes* G Ulmer, 1915

*Trichosetodes anaksepuluh* H Malicky & P Chantaramongkol, 1995 : OL (Thailand)  
*Trichosetodes anavadya* F Schmid, 1987 : OL (Thailand)  
*Trichosetodes angustipennis* (AV Martynov, 1936) : OL (India)  
*Episetodes angustipennis* AV Martynov, 1936  
*Trichosetodes anysa* ME Mosely, 1948 : AT (Lake Nyasa)  
*Trichosetodes argentolineatus* G Ulmer, 1915 : OL (Sri Lanka)  
*Trichosetodes atibhadrata* F Schmid, 1987 : OL (India)  
*Trichosetodes atichayana* F Schmid, 1987 : OL (India)  
*Trichosetodes atidhanin* F Schmid, 1987 : OL (India)  
*Trichosetodes atiharin* F Schmid, 1987 : OL (India)  
*Trichosetodes atiramaniya* F Schmid, 1987 : OL (India)  
*Trichosetodes atirupa* F Schmid, 1987 : OL (India)  
*Trichosetodes atisudhara* F Schmid, 1987 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Trichosetodes atisukchma* F Schmid, 1987 : OL (India)  
*Trichosetodes atisukha* F Schmid, 1987 : OL (India)  
*Trichosetodes bicornis* L Yang & JC Morse, 2000 : OL (China (Anhui))  
*Trichosetodes compositus* AV Martynov, 1936 : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 India)  
*Trichosetodes damchtragada* F Schmid, 1987 : OL (India)  
*Trichosetodes falcatus* L Yang & JC Morse, 2000 : OL (China (Jiangxi))  
*Trichosetodes handschini* G Ulmer, 1951 : OL (Indonesia (Java))  
*Trichosetodes hubertbruckneri* H Malicky, 2006 : OL (Male described originally Holotype--Male; INDONESIA: Sumatra, Kebun Sei Kopas, 02\*49'N, 099\*18'E, 200 m, 4-iv-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))  
*Trichosetodes imperfectus* G Ulmer, 1951 : OL (Male redescribed, moved from *Trichosetodes* to *Setodes* by H Malicky & P Chantaramongkol, 2006, Linzer Biologische Beitrage 38(2): 1560, pl 27)

Listed from Indonesia (Sumatra), as *Setodes imperfectus*, by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Trichosetodes insularis* F Schmid, 1987 : OL (China (Hainan))  
*Trichosetodes japonicus* M Tsuda, 1942 (Larva described by I Akaga, 1957, J Kansai Natr Sci Assoc 11: 27, f n-u

Occurrence in lakes of Japan discussed by G Kimura, K Shimura, K Oga, & K Hirabayashi, 2007, Proceedings of the International Symposium on Trichoptera 12: 163-168

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Japan)

Syn.: *Trichosetodes polonorum* L Botosaneanu, 1970  
*Trichosetodes karapatradhara* F Schmid, 1987 : OL (India)  
*Trichosetodes koumba* FM Gibon, 1992 : AT (Guinea)  
*Trichosetodes lacustris* DE Kimmins, 1953 : AT (Uganda)

Syn.: *Trichosetodes victorianus* DE Kimmins, 1956  
*Trichosetodes lasiophyllus* L Yang & JC Morse, 1989 : OL (wings and antennal base illustrated by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64, f 77, 79 China (Fujian))  
*Trichosetodes meghawanabaya* F Schmid, 1958 : OL (Sri Lanka)  
*Trichosetodes ouemi* FM Gibon, 1992 : AT (Cameroon)  
*Trichosetodes pales* H Malicky & P Chaibu, 2006 : OL (Male described originally

Reported from Nepal as *Trichosetodes pandrosus* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; THAILAND: Prov Ranong, Klong Nakha Waterfall, 30 m, 29-i-1991, leg Schwendinger; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Trichosetodes palinurus* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally

Reported from Nepal as *Trichosetodes pandrosus* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; THAILAND: Prov Chiangmai, Sirikit Botanischer Garten, 12 km W von Mae Rim, 18\*54'N, 098\*52'E, 700 m, 24-ii-1997, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Trichosetodes pallas* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally Holotype--Male; THAILAND: Kao Soi Dao National Park, 13\*06'N, 102\*10'E, 400 m, 23-iv-1996, leg Malicky & Chantaramongkol; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Trichosetodes pan* H Malicky, 2006 : OL (Male described originally Holotype--Male; INDONESIA: Sumatra, Labuan Hulu am Aek Tarum-Fluss, 02\*42'N, 099\*22'E, 80 m, 22-ii-1994, leg Malicky & Sivec; deposited in the H Malicky Collection, Lunz am See, Austria Indonesia (Sumatra))

*Trichosetodes pandareos* H Malicky, 2006 : OL (Male described originally Holotype--Male; LAOS: Salavan Prov, Tad Lo Waterfall & Resort, zwischen Muang Lao Ngam und Salavan, 15\*20'N, 106\*15'E, 370 m, 29-xii-1996, leg Schwendinger; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Trichosetodes pandion* H Malicky & P Chantaramongkol, 2006 : OL (Male described originally near *Trichosetodes insularis* F Schmid Holotype--Male; THAILAND: Kao Yai National Park, Yaowachon campsite bei Kong Kaeo Waterfall, 680 m, 28-x-1997, leg Schwendinger; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Trichosetodes pandrosos* H Malicky, 2006 : OL (Male described originally

Reported from Nepal as *Trichosetodes pandrosus* by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264 Holotype--Male; NEPAL: Trisuli River bei 600-750 m, 18-iii-1991, leg Allen; deposited in the H Malicky Collection, Lunz am See, Austria Nepal)

*Trichosetodes pauli* FM Gibon, 1986 : AT (Ivory Coast)  
*Trichosetodes phylloideus* L Yang & JC Morse, 2000 : OL (China (Anhui))  
*Trichosetodes rhamphodes* L Yang & JC Morse, 2000 : OL (China (Sichuan))  
*Trichosetodes semibrunneus* G Ulmer, 1923 : AT (Sudan)  
*Trichosetodes serratus* L Yang & JC Morse, 2000 : OL (China (Hubei))  
*Trichosetodes similis* DE Kimmins, 1963 : AT (Ethiopia)

*Trichosetodes sisyphos* H Malicky & T Prommi, 2006 : OL (Male described originally near *Triaenodes anaksepuh* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Nakorn Si Thammarat Prov, Namtok Yong National Park, Yong Waterfall, 112 m, 8\*10'N,

99°44'E, 9-i-2004; deposited in the Hans Malicky Collection, Lunz am See, Austria Thailand)  
*Trichosetodes thienemanni* G Ulmer, 1951 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179

Male re-illustrated from Indonesia (Sumatra) by H Malicky, 2006, Linzer Biologische Beiträge 38(2): 1510, pl 3

Reported from Indonesia (Sumatra) by J Olah & H Malicky, 2011, Braueria 38: 22 Indonesia (Sumatra))

*Trichosetodes tjonnelandi* DE Kimmins, 1963 : AT (Ethiopia)

*Trichosetodes triangularis* DE Kimmins, 1962 : AT (Republic of South Africa)

*Trichosetodes truncatus* DE Kimmins, 1963 : AT (Ethiopia)

*Trichosetodes ujiensis* I Akagi, 1960 (Japan)

*Trichostegia* F Kolenati, 1848

*Trichostegia minor* (J Curtis, 1834) (Reported from Aust-Agder and Vest-Agder, Norway, by T Andersen, LO Hansen, KA Johanson, T Solhoey, and GEE Soeli, 1990, Fauna norv Ser B 37: 23-32

Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Larva illustrated by JO Solem & B Gullifors, 1996, in AN Nilsson, Aq Ins N Europe f 75-76

Diagnostic characters of larva provided by OL Katschalova, 1998, in GS Medvedev, editor, 1998, Keys to the insects of the European part of the USSR. Volume IV. Part VI: Megaloptera, Raphidioptera, Neuroptera, Mecoptera and Trichoptera, p 220

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 69

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, Braueria 35: 11-20 Britain)

*Phryganea minor* J Curtis, 1834

Syn.: *Phryganea mixta* H Burmeister, 1839

Syn.: *Phryganea tortriceana* P Rambur, 1842

*Trichovespula* F Schmid, 1955

*Trichovespula macrocera* F Schmid, 1955 : NT (Chile)

*Triplectides* F Kolenati, 1859

*Triplectides abnormalis* T Malm & KA Johanson, 2008 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Province Sud, Parc Territorial de la Riviere Bleue, stream draining into north bank of Riviere Bleue, at Pont de la Source, 22°05.863'S, 166°38.516'E, 6-7-x-2006, light trap, loc#125, KA Johanson & M Espeland; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides acutobeccatus* L Yang & JC Morse, 2000 : OL (China (Jiangsu))

*Triplectides aequalichelatus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides smithi* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, stream draining to Marais de la Riviere Blanche, 1.35 km S Pont Perignon, 22°08.496'S, 166°42.152'E, 180 m, 6-16-xi-2003, Malaise trap, loc#009, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides altenogus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides australicus* N Banks, 1939 : AU (Australia)

*Triplectides australis* L Navas, 1934 : AU (Reported from New Caledonia by T Malm & KA

Johanson, 2008, Zootaxa 1816: 25 Australia)  
*Triplectides beccarinus* L Navas, 1933 : AU (Indonesia (Kepulauan Tanimbar))  
*Triplectides bilobus* A Neboiss, 1977 : AU (Australia)  
*Triplectides cephalotes* (F Walker, 1852) : AU (*Triplectides cognatus* (McLachlan, 1862) a synonym of *Triplectides magnus* according to DE Kimmins, 1957, Bull Br Mus Ent 6: 120, but this was doubted by JC Morse & A Neboiss, 1982, Memoirs Natn Mus Vict 43(1-2): 65 New Zealand)  
*Leptocerus cephalotes* F Walker, 1852  
 Syn.: *Leptocerus cognatus* R McLachlan, 1862  
*Triplectides ceylanicus* ME Mosely, 1936 : OL (Sri Lanka)  
*Triplectides chilensis* RW Holzenthal, 1988 : NT (Male and female described originally from Argentina and Chile Holotype--Male; CHILE: Orsono, Parque Nacional Puyehue, Aguas Calientes, 6-ii-1978, CM & OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Chile)  
*Triplectides ciuskus* ME Mosely, 1953 : AU (Australia)  
*Triplectides ciuskus seductus* JC Morse & A Neboiss, 1982 ( ~ciuskus ME Mosely, 1953, in ME Mosely and DE Kimmins, Trich Australia N Zealand p 200, 209-210, 528, f 140)  
*Triplectides dawnae* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides smithi* T Malm & KA Johanson and *Triplectides aequalichelatus* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, stream draining to Marais de la Riviere Blanche, 1.35 km S Pont Perignon, 22\*08.496'S, 166\*42.152'E, 180 m, 6-16-xi-2003, Malaise trap, loc#009, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)  
*Triplectides deceptimagnus* L Yang & JC Morse, 2000 : OL (China (Yunnan))  
*Triplectides dolabratus* JC Morse & A Neboiss, 1982 : AU (Australia)  
*Triplectides dolichos* AG McFarlane, 1981 : AU (New Zealand)  
*Triplectides dubius* ME Mosely, 1953 : AU (Australia)  
*Triplectides dubius subalbidus* DE Kimmins, 1953 ( ~dubius ME Mosely, 1953, in ME Mosely and DE Kimmins, Trich Australia N Zealand p 200, 219, 528, f 147)  
*Triplectides egleri* W Sattler, 1963 : NT (Male and female re-described from Brazil, Guyana, Surinam by RW Holzenthal, 1988, Annals of the Entomological Society of America 81(2): 193, f 24 Brazil)  
*Triplectides elongatus* N Banks, 1939 : AU (Australia)  
*Triplectides enthesis* A Neboiss, 1982 : AU (Larva described by RM St Clair, 2002, Records of the Western Australian Museum 21(2): 125, figs Australia)  
*Triplectides flintorum* RW Holzenthal, 1988 : NA, NT (Male and female described originally near *Triplectides gracilis* (H Burmeister) from Colombia, Costa Rica, Ecuador, Guatemala, Honduras, Mexico (Chiapas, Oaxaca, San Luis Potosi, Veracruz), Nicaragua, and Panama  
 Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 45 Holotype--Male; COSTA RICA: [Guanacosta], 2.5 mi W Tilaran, 24-vii-1967, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Costa Rica)  
*Triplectides gilolensis* (R McLachlan, 1866) : AU, OL ( Reported from Papua New Guinea (St Matthias Islands: Mussau) and Indonesia (Maluka Islands: Halmahera) by H Malicky, 2010, Z Arb Gem Oest Ent 62: 89 Indonesia (Halmahera, formerly "Gilolo" Island))  
*Notanatolica gilolensis* R McLachlan, 1866  
 Syn.: *Notanatolica luzonensis* L Navas, 1923  
*Triplectides gonetalus* JC Morse & A Neboiss, 1982 : AU (Predator-prey relationships with predatory fish *Melanotaenia splendida* in tropical detritus-based food web discussed by L Boyero, PA Rincon, & RG Pearson, 2008, Ecological Research 23(4): 649-655 Australia)  
*Triplectides gracilis* (H Burmeister, 1839) : NT (Male and female re-described from Argentina, Brazil, Paraguay by RW Holzenthal, 1988, Annals of the Entomological Society of America 81(2): 195, 197-198, f 9-11

Recorded from Parana, Brazil, by GL de Almeida & L Marinoni, 2000, rev Brasileira Zool 17(2): 347-359 Brazil)

*Mystacides gracilis* H Burmeister, 1839

Syn.: *Mystacides princeps* H Burmeister, 1839

Syn.: *Tetracentron ramulorum* F Mueller, 1921

*Triplectides griseus* (N Banks, 1924) : OL (Philippines)

*Notanatomica griseus* N Banks, 1924

*Triplectides hamatus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides helvolus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides indicus* (F Walker, 1852) : OL (Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 India)

*Leptocerus indicus* F Walker, 1852

*Triplectides insperatus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides jaffueli* L Navas, 1918 : NT (Male and female re-described near *Triplectides nigripennis* ME Mosely from Argentina and Chile by RW Holzenthal, 1988, Annals of the Entomological Society of America 81(2): 198, f 1, 2, 12, 13, 14 Chile)

Syn.: *Triplectides monotonus* L Navas, 1918

Syn.: *Triplectides robustus* F Schmid, 1955

*Triplectides koghiensis* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides winstanleyi* NJ Mary & JB Ward, *Triplectides tigrinus* T Malm & KA Johanson, and *Triplectides noumeiensis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Monts des Koghis, ca 1.0 km from road RT1 between Noumea and Dumbea, water reservoir, 22°10.919'S, 166°29.182'E, 91 m, 10-xi-2003, light trap, loc#020, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides latipennis* ME Mosely, 1936 : AU (NewHebrides)

*Triplectides lirattellus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides liratus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides magnus* (F Walker, 1852) : AU (Larva described, reported from China (Hubei) by S Wang, 1963, Acta Hydrobiologica Sinica 3: 60-61, f 27-36

Specimens from regions outside Australia have been misidentified according to JC Morse & A Neboiss, 1982 Memoirs natn Mus Vict 43(1-2): 65

Chinese records probably are in error according L Yang and JC Morse, 2000, Mem Amer Ent Inst 64: 1, 2, 4, 30, 31, 33, 34, f 7, 8, 9, 39 Australia (Tasmania))

*Leptocerus magnus* F Walker, 1852

Syn.: *Leptocerus canescens* R McLachlan, 1862

*Triplectides manilanus* (L Navas, 1920) : OL (Philippines)

*Notanatomica manilanus* L Navas, 1920

*Triplectides mariannae* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides wardi* T Malm & KA Johanson and *Triplectides nathaliae* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, stream draining to Marais de la Riviere Blanche, 1.35 km S Pont Perignon, 22°08.496'S, 166°42.152'E, 180 m, 6-16-xi-2003, Malaise trap, loc#009, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides medius* (L Navas, 1931) : OL (Male redescribed by F Schmid, 1950, Eos 25: 357-358, f 99-101

Redescription of F Schmid translated into English by L Yang & JC Morse, 2000, Mem Amer Ent Inst 64: 4, 35, 36, f 84

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffter, 2005, Proceedings of the International Symposium on Trichoptera 11: 34 Vietnam)

*Notanatomica medius* L Navas, 1931

*Triplectides minutus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides winstanleyi* NJ Mary & JB Ward, *Triplectides tigrinus* T Malm & KA Johanson, and *Triplectides noumeiensis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA:

Province Sud, Monts des Koghis, ca 300 m S Koghi Restaurant, 22°18.288'S, 166°50.393'E, 447 m, 16-26-xi-2003, Malaise trap, loc#002, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides misakianus* (S Matsumura, 1931) (Japan)

*Tobikera misakianus* S Matsumura, 1931

*Triplectides misionensis* RW Holzenthal, 1988 : NT (Male and female described originally near *Triplectides gracilis* (H Burmeister) Holotype--Male; VENEZUELA: Territorio Federal Amazonas, Basecamp, 00°51'N, 066°10'W, Cerro de la Neblina, 140 m, 20-24-iii-1984, O Flint and J Louton; deposited in the United States Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Triplectides mouiensis* T Malm & KA Johanson, 2008 : AU (Male described originally *Triplectides winstanleyi* NJ Mary & JB Ward, *Triplectides tigrinus* T Malm & KA Johanson, and *Triplectides noumeiensis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Mt Mou, stream crossing wat to Sanatorium 2.3 km E St Laurent, ca 30 m downstream bridge, 22°04.484'S, 166°19.900'E, 15-XI-2003, light trap, loc#028, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides nathaliae* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides wardi* T Malm & KA Johanson and *Triplectides mariannae* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, stream draining to Marais de la Riviere Blanche, 1.35 km S Pont Perignon, 22°08.496'S, 166°42.152'E, 180 m, 6-16-xi-2003, Malaise trap, loc#009, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides neblinus* RW Holzenthal, 1988 : NT (Male described originally Holotype--Male; VENEZUELA: Territorio Federal Amazonas, Basecamp, 00°51'N, 066°10'W, Cerro de la Neblina, 140 m, 20-24-iii-1984, O Flint and J Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Triplectides neotropicus* RW Holzenthal, 1988 : NT (Male described originally Holotype--Male; VENEZUELA: Territorio Federal Amazonas, Camp IV, 00°58'N, 65°57'W, Cerro de la Neblina, 760 m, 15-18-iii-1984, OS Flint, Jr; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Triplectides nevadus* RW Holzenthal, 1988 : NT (Male and female described originally near *Triplectides eglerti* W Sattler Holotype--Male; VENEZUELA: Territorio Federal Amazonas, 2 km E San Carlos de Rio Negro, 5-11-iii-1984, O Flint and J Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Triplectides nigripennis* ME Mosely, 1936 : NT (Male and female re-described near *Triplectides jaffueli* L Navas from Argentina and Chile by RW Holzenthal, 1988, *Annals of the Entomological Society of America* 81(2): 202-203, f 25, 26 Argentina)

Syn.: *Triplectides multipunctatus* F Schmid, 1955

*Triplectides niveipennis* ME Mosely, 1953 : AU (Larva and female described by RM St Clair, 2002, *Records of the Western Australian Museum* 21(2): 120, figs Australia)

*Triplectides nivosus* (L Navas, 1924) : AU (New Guinea)

*Notanatomica nivosus* L Navas, 1924

*Triplectides noumeiensis* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides winstanleyi* NJ Mary & JB Ward, *Triplectides mouiensis* T Malm & KA Johanson, *Triplectides minutus* T Malm & KA Johanson, and *Triplectides abnormalis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Mt Mou, stream crossing way to Sanatorium 2.3 km E St Laurent, ca 30 m downstream bridge, 22°04.484'S, 166°19.900'E, 15-xi-2003, light trap, loc#028, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides obsoletus* (R McLachlan, 1862) : AU (Emended from *Triplectides obsoleta* by JB Ward, 1999, *Rec Canterbury Mus* 13: 92 New Zealand)

*Pseudonema obsoletus* R McLachlan, 1862

Syn.: *Tetracentron sarothropus* F Brauer, 1865

*Triplectides pallidus* (N Banks, 1936) : AU (Reported from Fiji and Solomon Islands (Rennell & Bellona Province: Rennell Island) by H Malicky, 2010, *Z Arb Gem Oest Ent* 62: 90 Fiji Islands)

*Notanatomica pallidus* N Banks, 1936

*Triplectides parvus* (N Banks, 1939) : AU (Australia)



*Notanatolica parvus* N Banks, 1939

*Triplectides prolatus* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides proximus* A Neboiss, 1977 : AU (Australia)

*Triplectides quadratus* L Yang & JC Morse, 2000 : OL (China (Sichuan))

*Triplectides rossi* JC Morse & A Neboiss, 1982 : AU (Australia)

*Triplectides sasali* NJ Mary & JB Ward, 2001 : AU (Male, larva, and case described originally)

New records from New Caledonia by T Malm & KA Johanson, 2008, *Zootaxa* 1816: 25 Holotype--Male; New Caledonia: Camp 1, 4736 77213, 700 m, 29 October 1999, NJ Mary, light trap; in alcohol; deposited in the Canterbury Museum, Canterbury, New Zealand New Caledonia)

*Triplectides similis* ME Mosely, 1953 : AU (Australia)

*Triplectides smithi* NJ Mary & JB Ward, 2001 : AU (Male, larva, and case described originally)

New records from New Caledonia by T Malm & KA Johanson, 2008, *Zootaxa* 1816: 25-26 Holotype--Male; New Caledonia: Carigou, 6534 75463, 120 m, 24 September 1997, NJ Mary, light trap; in alcohol; deposited in the Canterbury Museum, Canterbury, New Zealand New Caledonia)

*Triplectides tambina* ME Mosely, 1953 : AU (Australia)

*Triplectides tepui* RW Holzenthal, 1988 : NT (Male and female described originally Holotype--Male; VENEZUELA: Territorio Federal Amazonas, Camp II, 00°49'N, 065°59'W, Cerro de la Neblina, 2,100 m, 16-18-iii-1984, JA Louton; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America Venezuela)

*Triplectides tigrinus* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides winstanleyi* NJ Mary & JB Ward, *Triplectides mouiensis* T Malm & KA Johanson, *Triplectides minutus* T Malm & KA Johanson, and *Triplectides abnormalis* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Mt Mou, stream crossing way to Sanatorium 2.3 km E St Laurent, ca 30 m downstream bridge, 22°04.484'S, 166°19.900'E, 15-xi-2003, light trap, loc#028, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides truncatus* A Neboiss, 1977 : AU (Australia)

*Triplectides ultimus* RW Holzenthal, 1988 : NT (Male and female described originally Holotype--Male; BRAZIL: Rio de Janeiro, Itatiaia, 2,300 m, 18-x-1985, Scott E Miller; pinned, right wings on slide; deposited in the Museu de Zoologia, Universidade de Sao Paulo, Sao Paul, Brazil Brazil)

*Triplectides variipennis* (L Navas, 1927) : OL (Philippines)

*Notanatolica variipennis* L Navas, 1927

*Triplectides varius* DE Kimmins, 1953 : AU (Australia)

*Triplectides viviparus* (J Wood-Mason, 1890) : OL (India)

*Notanatolica viviparus* J Wood-Mason, 1890

*Triplectides volda* ME Mosely, 1953 : AU (Australia)

*Triplectides wardi* T Malm & KA Johanson, 2008 : AU (Male described originally near *Triplectides nathaliae* T Malm & KA Johanson and *Triplectides mariannae* T Malm & KA Johanson Holotype--Male; NEW CALEDONIA: Province Nord, N slope of Mt Rembai, Xwe Merexwana stream, 21°33.804'S, 165°50.528'E, 309 m, 20-xi--12-xii-2003, Malaise trap, loc#037, KA Johanson; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Triplectides winstanleyi* NJ Mary & JB Ward, 2001 : AU (Male, larva, and case described originally)

New records from New Caledonia by T Malm & KA Johanson, 2008, *Zootaxa* 1816: 26 Holotype--Male; New Caledonia: em[erged] 5 May 1983, WJ Winstanley; in alcohol; deposited in the Canterbury Museum, Canterbury, New Zealand New Caledonia)

*Triplectides zonatus* L Navas, 1924 : AU (New Guinea)

*Triplectidina* ME Mosely, 1936

*Triplectidina moselyi* AG McFarlane & JB Ward, 1990 : AU (New Zealand)

*Triplectidina nigricornis* ME Mosely, 1936 : AU (Australia)

*Triplectidina oreolimnetes* (RJ Tillyard, 1924) : AU (New Zealand)

*Triplectides oreolimnetes* RJ Tillyard, 1924

*Triplexa* ME Mosely, 1953

*Triplexa villa* ME Mosely, 1953 : AU (Australia)

*Triplexina* ME Mosely, 1953

*Triplexina nigra* ME Mosely, 1953 : AU (Australia)

*Tsudaea* T Nozaki, 2009

*Tsudaea kitayamanus* (M Tsuda, 1942) (Taxonomic status in *Eobrachycentrus* discussed by T Nozaki, K Tanida, & T Ito, 1999, *Jap J Limnol* 60: 354

Male redescribed, female and larva and pupa described, transferred from *Eobrachycentrus* to new genus *Tsudaea* by T Nozaki, 2009, *Zootaxa* 2131: 56, 62-63, f 1-5, 8-9 Japan)

*Brachycentrus kitayamanus* M Tsuda, 1942

*Uenoa* M Iwata, 1927

*Uenoa arcuata* GB Wiggins, JS Weaver, & JD Unzicker, 1985 : OL (India)

*Uenoa burmana* (ME Mosely, 1939) : OL (Myanmar)

*Eothremma burmana* ME Mosely, 1939

*Uenoa fernandoschmidi* L Botosaneanu, 1979 : OL (India)

*Uenoa hiberna* DE Kimmins, 1964 : OL (

Reported from Nepal by H Malicky, 2006, *Entomofauna Zeitschrift fuer Entomologie* 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498 Nepal)

Syn.: *Uenoa janetscheki* L Botosaneanu, 1976

*Uenoa hindustana* (AV Martynov, 1936) : OL (India)

*Eothremma hindustana* AV Martynov, 1936

*Uenoa ketura* H Malicky, 2010 : OL (Male described originally near *Uenoa parva* ME Mosely Holotype--Male; THAILAND: Doi Inthanon, 2000 m (bei den Koenigstempeln), 18°33'N, 98°30'E, 23-ii-1992, leg Malicky; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Uenoa laga* (ME Mosely, 1939) : OL (India)

*Eothremma laga* ME Mosely, 1939

*Uenoa lobata* (C Hwang, 1957) : OL (China (Fujian))

*Eothremma lobata* C Hwang, 1957

*Uenoa parva* (ME Mosely, 1939) : OL (Myanmar)

*Eothremma parva* ME Mosely, 1939

*Uenoa punja* (ME Mosely, 1939) : OL (India)

*Eothremma punja* ME Mosely, 1939

*Uenoa taiwanensis* LP Hsu & CS Chen, 1997 : OL (Taiwan)

*Uenoa tokunagai* M Iwata, 1927 (Bibliography and distribution in Japan provided by T Nozaki, K Tanida, & T Ito, 2000, *Limnology* 1: 199

Life cycle and diet shift during larval development described by H Hosokawa, Y Isobe, I Katano, S Tamotsu, & T Oishi, 2005, *Proc Internatn Symp Trichoptera* 11: 181-187

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 25

Larval activities described by Y Isobe, H Hosokawa, & T Oishi, 2008, *Proceedings of the International Symposium on Aquatic Entomology in East Asia* 3: 203 Japan)

Syn.: *Eothremma japonica* AV Martynov, 1933

*Ugandatrichia* ME Mosely, 1939

*Ugandatrichia acuta* ME Mosely, 1939 : AT (Kenya)

*Ugandatrichia africana* (G Marlier & F Vaillant, 1967) : AT (Democratic Republic of the Congo)  
*Allotrichia africana* G Marlier & F Vaillant, 1967  
*Ugandatrichia atakpamensis* FM Gibon, 1987 : AT (Togo)  
*Ugandatrichia cathyae* A Wells, 1991 : AU (Papua New Guinea)  
*Ugandatrichia cyanotrichia* (DE Kimmins, 1951) : OL (Myanmar)  
*Moselyella cyanotrichia* DE Kimmins, 1951  
*Ugandatrichia dentata* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Ugandatrichia frigoris* W Mey, 1998 : OL (Male described originally near *Ugandatrichia sanana* J Olah, 1989)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Holotype--Male; Vietnam: Lao Cai Province, Hoang Lien Mountains, northwest of Sa Pa, Fan Si Pan Massif, 22°20'N/103°40'E, 29-iii-1995, Quellbach, ca 1400 m, W Mey; deposited in the Mey Collection in the Museum fuer Naturkunde, Berlin, Germany Vietnam)  
*Ugandatrichia hairanga* J Olah, 1989 : OL (Larva described and diagnosed by P Laudee, 2008, Zootaxa 1825: 29-39)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)  
*Ugandatrichia hongia* J Olah, 1989 : OL (Larva described and diagnosed by P Laudee, 2008, Zootaxa 1825: 29-39)

Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)  
*Ugandatrichia kanikar* H Malicky & P Chantaramongkol, 1991 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))  
*Ugandatrichia kebumen* A Wells & H Malicky, 1997 : OL (Indonesia (Java))  
*Ugandatrichia kerdmuang* H Malicky & P Chantaramongkol, 1991 : OL (Morphology of larval case and net in Thailand by H Malicky, 1999, Proc Internatn Symp Trich 9: 199-204)

Life history and larval morphology described by P Laudee, 2004, Braueria 31: 21-24

Larva described and diagnosed by P Laudee, 2008, Zootaxa 1825: 29-39

Reported from Thailand (Chang Island) by S Melnitsky & H Malicky, 2008, Braueria 35: 25-27 Thailand)  
*Ugandatrichia kuringhat* H Malicky & P Chantaramongkol, 2007 : OL (Male described originally near *Ugandatrichia kanikar* H Malicky & P Chantaramongkol, *Ugandatrichia kerdmuang* H Malicky & P Chantaramongkol, and *Ugandatrichia maliwan* H Malicky & P Chantaramongkol Holotype--Male; NEPAL: Dakhi Khola bei Kuring Ghat, 27°52'N, 084°38'E, 300 m, 17-iv-1995, leg Malicky; deposited in the collection of H Malicky, Lunz am See, Austria Nepal)  
*Ugandatrichia lampai* A Wells & J Huisman, 1992 : OL (Malaysia (Sarawak))  
*Ugandatrichia maliwan* H Malicky & P Chantaramongkol, 1991 : OL (Morphology of larval case and net in Thailand by H Malicky, 1999, Proc Internatn Symp Trich 9: 199-204)

Age class distribution of larvae, seasonal changes, in Thailand by I Thani & P Chantaramongkol, 1999, Proc Internatn Symp Trich 9: 411-413

Larva described and diagnosed by P Laudee, 2008, Zootaxa 1825: 29-39 Thailand)  
*Ugandatrichia manensis* FM Gibon, 1987 : AT (Ivory Coast)  
*Ugandatrichia mindanaensis* W Mey, 1998 : OL (Philippines (Mindanao))  
*Ugandatrichia mindoroensis* W Mey, 1995 : OL (Philippines)  
*Ugandatrichia minor* ME Mosely, 1939 : AT (Kenya)  
*Ugandatrichia navicularis* YG Xue & LF Yang, 1990 : OL (Male described originally Holotype--Male; China: Hainan, Bawangling (320 m), 25-IX-1988, collected by Xue Yingen; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Hainan))  
*Ugandatrichia nigra* ME Mosely, 1939 : AT (Uganda)

*Ugandatrichia nikataruwa* (F Schmid, 1958) : OL (Sri Lanka)  
*Moselyella nikataruwa* F Schmid, 1958  
*Ugandatrichia rhodesiensis* KMF Scott, 1976 : AT (Zimbabwe)  
*Ugandatrichia sanana* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 27 Vietnam)  
*Ugandatrichia sourya* (F Schmid, 1960) : OL (Pakistan)  
*Microptila sourya* F Schmid, 1960  
*Ugandatrichia spinata* A Wells & D Dudgeon, 1990 : OL (China (Hong Kong))  
*Ugandatrichia taiwanensis* LP Hsu & CS Chen, 2002 : OL (Male, female, larva, and pupa described originally Holotype--Male; Taiwan: Taichung County, Shiwersn Stream, 700 m, 21 Jan 1996; preserved in 75% ethanol; deposited in the National Museum of Natural Science, Taiwan Taiwan)  
*Ugandatrichia tanzaniensis* A Wells & T Andersen, 1995 : AT (Tanzania)  
*Ugandatrichia violacea* (KJ Morton, 1902) : OL (India)  
*Ithytrichia violacea* KJ Morton, 1902  
*Ugandatrichia yameogoi* FM Gibon, 1987 : AT (Guinea)

**Ulmerochorema DE Kimmins, 1953**

*Ulmerochorema breve* (ME Mosely, 1953) : AU (Australia)  
*Anachorema breve* ME Mosely, 1953  
*Ulmerochorema lentum* A Neboiss, 1962 : AU (Australia)  
*Ulmerochorema luxaturum* A Neboiss, 1962 : AU (Australia)  
*Ulmerochorema membrum* A Neboiss, 1962 : AU (Australia)  
*Ulmerochorema onychion* A Neboiss, 1977 : AU (Australia)  
*Ulmerochorema rubiconum* A Neboiss, 1962 : AU (Australia)  
*Ulmerochorema seonum* (ME Mosely, 1953) : AU (Australia)  
*Anachorema seonum* ME Mosely, 1953  
*Ulmerochorema stigma* (G Ulmer, 1916) : AU (Queensland)  
*Hydrobiosis stigma* G Ulmer, 1916  
*Ulmerochorema tasmanicum* (ME Mosely, 1953) : AU (Australia)  
*Anachorema tasmanicum* ME Mosely, 1953

**Verger L Navas, 1918**

*Verger affinis* (F Schmid, 1955) : NT (Chile)  
*Magellomyia affinis* F Schmid, 1955  
*Verger appendiculata* (G Ulmer, 1904) : NT (Tierra del Fuego)  
*Stenophylax ? appendiculata* G Ulmer, 1904  
 Syn.: *Algonquina chilensis* N Banks, 1920  
 Syn.: *Limnophilus extremus* , 1932  
 Syn.: *Limnophilus lonquimayus* , 1933  
 Syn.: *Limnophilus meridionalis* G Ulmer, 1905  
 Syn.: *Limnophilus patagonicus* G Ulmer, 1904  
 Syn.: *Limnophilus setipes* G Ulmer, 1904  
 Syn.: *Magellomyia moesta* N Banks, 1920  
 Syn.: *Nostrafilla stigmata* L Navas, 1918  
*Verger armatus* (G Ulmer, 1904) : NT (Patagonia)  
*Limnophilus armatus* G Ulmer, 1904  
*Verger bispinus* (F Schmid, 1957) : NT (Chile)  
*Magellomyia bispinus* F Schmid, 1957  
*Verger bruchina* (L Navas, 1918) : NT (Argentina)  
*Nostrafilla bruchina* L Navas, 1918  
*Verger capillatus* (G Ulmer, 1906) : NT (Argentina)  
*Limnophilus capillatus* G Ulmer, 1906  
 Syn.: *Ironoquia australis* N Banks, 1920  
*Verger curtior* (F Schmid, 1955) : NT (Chile)  
*Magellomyia curtior* F Schmid, 1955  
*Verger fuscovittatus* (F Schmid, 1955) : NT (Chile)

*Magellomyia fuscovittatus* F Schmid, 1955  
*Verger impluviatus* (E Blanchard, 1851) : NT (Transferred to *Verger* from *Phryganea* by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), *Insecta Mundi* 13(1-2): 78 Chile)  
*Phryganea impluviatus* E Blanchard, 1851  
*Verger kuscheli* (F Schmid, 1955) : NT (Chile)  
*Magellomyia kuscheli* F Schmid, 1955  
*Verger lutzi* (L Navas, 1918) : NT (Argentina)  
*Nostrafilla lutzi* L Navas, 1918  
Syn.: *Psilopsyche latchani* L Navas, 1935  
Syn.: *Psilopsyche pirioni* L Navas, 1930  
*Verger masafuera* (F Schmid, 1952) : NT (Chile (Juan Fernandez Islands))  
*Australomyia masafuera* F Schmid, 1952  
*Verger michaelsoni* (G Ulmer, 1904) : NT (Patagonia, Tierra del Fuego)  
*Limnophilus michaelsoni* G Ulmer, 1904  
*Verger modestus* (F Schmid, 1955) : NT (Magellan region)  
*Magellomyia modestus* F Schmid, 1955  
*Verger obliquus* (F Schmid, 1955) : NT (Chile)  
*Magellomyia obliquus* F Schmid, 1955  
*Verger porteri* (L Navas, 1907) : NT (Chile)  
*Halesus porteri* L Navas, 1907  
Syn.: *Australomyia masatierra* F Schmid, 1952  
*Verger quadrispinus* (F Schmid, 1955) : NT (Chile)  
*Magellomyia quadrispinus* F Schmid, 1955  
*Verger spinosus* (G Ulmer, 1904) : NT (Patagonia, Tierra del Fuego)  
*Anabolia spinosus* G Ulmer, 1904  
*Verger stenopterus* (F Schmid, 1955) : NT (Argentina)  
*Magellomyia stenopterus* F Schmid, 1955  
*Verger vespersus* (L Navas, 1933) : NT (Reported skating on the surface of Lago Toro, Osorno, Chile, according to JC Morse & S Chuluunbat, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 219-227 Chile)  
*Limnophilus vespersus* L Navas, 1933  
Syn.: *Magellomyia limnophilus* F Schmid, 1955

*Vietrichia* J Olah, 1989

*Vietrichia linghia* J Olah, 1989 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 27 Vietnam)

*Vodnik* ID Sukatsheva & P Vrsansky, 2006

*Wellsomina* DI Cartwright, 2010

*Wellsomina ampulla* DI Cartwright, 2010 : AU (Male (specimen CT-437 figured) and female (specimen CT-520 figured) described originally Holotype--Male; AUSTRALIA: Northern Territory, Alligator R, Two Mile Hole, 12°42'S, 132°09'E, 05-viii-1996, I Edwards; NMV, T-20815; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina baru* DI Cartwright, 2010 : AU (Male (specimen CT-484 figured) and female (specimen CT-487 figured) described originally Holotype--Male; AUSTRALIA: Northern Territory, ARRS Radon Springs, 12°45'S, 132°55'E, 13-14-iv-1988, 6V It tr, P Suter and A Wells; NMV, T-20716; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina bucera* DI Cartwright, 2010 : AU (Male (specimen CT-476 figured) described originally Holotype--Male; AUSTRALIA: Western Australia, Drysdale R headwaters, 30 km NW Mt Elizabeth HS, about 16°07'S, 126°00'E, 30-ix-1979, J Blyth; NMV, T-20777; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina furca* DI Cartwright, 2010 : AU (Male (specimen CT-474 figured) and female (specimen CT-535 figured) described originally near *Wellsomina saeta* DI Cartwright Holotype--Male; AUSTRALIA: Western Australia, Manning R nr Mt Barnett, 16°40'S, 125°56'E, 08-ix-1996, I Edwards; NMV, T-20796; deposited in Museum Victoria, Melbourne, Victoria, Australia)

**Australia)**

*Wellsomina gumurr* DI Cartwright, 2010 : AU (Male (specimen CT-469 figured) and female (specimen CT-534 figured) described originally near *Wellsomina saeta* DI Cartwright and *Wellsomina furca* DI Cartwright Holotype--Male; AUSTRALIA: Northern Territory, ARRS S Alligator R above Fisher Ck jn (about 13°34'S, 132°35'E) blue lt tr, 24-v-1988, P Suter and A Wells; NMV, T-20802; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina jalgoodoo* DI Cartwright, 2010 : AU (Male (specimen CT-472 figured) and female (specimen CT-518 figured) described originally Holotype--Male; AUSTRALIA: Northern Territory, Alligator R, Two Mile Hole, 12°42'S, 132°09'E, 05-viii-1996, I Edwards; NMV, T-20815; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina mattina* DI Cartwright, 2010 : AU (Male (specimen PT-1084 figured) and female (specimen PT-1083 figured) described originally Holotype--Male; AUSTRALIA: Northern Territory, Katherine River Gorge Nat Pk (about 14°29'S, 132°26'E), 13-viii-1979, J Blith; NMV, T-20850; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina naumanni* DI Cartwright, 2010 : AU (Male (specimen CT-485 figured) described originally Holotype--Male; AUSTRALIA: Western Australia, Charnley R, 2 km SW Rolly Hill, CALM site 25/2, 16°22'S, 125°12'E, 16-20-vi-1988, ID Naumann; deposited in the Australian National Insect Collection, Canberra, Australia Australia)

*Wellsomina saeta* DI Cartwright, 2010 : AU (Male (specimen PT-1086 figured) and female (specimen CT-516 figured) described originally Holotype--Male; AUSTRALIA: Western Australia, Wittenoom Gorge, 10 km E of Roebourne Rd, Pilbara, 24-x-1979, J Blyth; NMV, T-20783; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina stuarti* DI Cartwright, 2010 : AU (Male (specimen PT-1085 figured) and female (specimen CT-539 figured) described originally Holotype--Male; AUSTRALIA: Northern Territory, Alligator R, Two Mile Hole, 12°42'S, 132°09'E, 05-viii-1996, I Edwards; NMV, T-20815; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina tam* DI Cartwright, 2010 : AU (Male (specimen CT-422 figured) and female (specimen CT-423 figured) described originally Holotype--Male; AUSTRALIA: Queensland, Dulhunty R, Telegraph Crossing, 11°50'S, 142°30'E, 8-9-ii-1992, D Cartwright and A Wells; NMV, T-20747; deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Wellsomina thigi* DI Cartwright, 2010 : AU (Male (specimen CT-475 figured) described originally Holotype--Male; AUSTRALIA: Western Australia, Camp Ck, Mitchell Plateau (about 14°50'S, 125°50'E), lt tr, 31-i-1978, JE Bishop; NMV, T-20778); deposited in Museum Victoria, Melbourne, Victoria, Australia Australia)

*Westriplectes* A Neboiss, 1977

*Westriplectes albanus* (ME Mosely, 1953) : AU (Australia)

*Triplectides albanus* ME Mosely, 1953

*Westriplectes angelae* A Neboiss, 1978 : AU (Australia)

*Westriplectes pedderensis* A Neboiss, 1977 : AU (Australia)

*Wlitrichia* J Kjaerandsen, 1997

*Wlitrichia intropertica* J Kjaerandsen, 1997 : AT (Ghana)

*Wormaldia* R McLachlan, 1865

*Wormaldia abas* (H Malicky & P Chantaramongkol, 1996) : OL (Thailand)

*Doloclanes abas* H Malicky & P Chantaramongkol, 1996

*Wormaldia acheloos* (H Malicky & P Chantaramongkol, 1996) : OL (Thailand)

*Doloclanes acheloos* H Malicky & P Chantaramongkol, 1996

*Wormaldia acteon* (F Schmid, 1991) : OL (India)

*Doloclanes acteon* F Schmid, 1991

*Wormaldia alcmeon* (F Schmid, 1991) : OL (India)

*Doloclanes alcmeon* F Schmid, 1991

*Wormaldia algirica* JA Lestage, 1925 (Algeria)

*Wormaldia alicia* J Bueno-Soria, S Santiago-Fragosa, & R Barba-Alvarez, 2005 : NT (Male described originally, closely related to *Wormaldia endonima* HH Ross and EW King, *W dampfi* HH Ross and EW King, *W dorsata* J Bueno-Soria, *W isela* J Bueno-Soria, and *W luma* J Bueno-

Soria Holotype--Male; Mexico: Tabasco, Municipio de Huimanguillo Arroyo las Flores Villa de Guadalupe 2nd seccion Los Chimalapas, km 5 Ruta Malpasito-Carlos A Madrazo, 17°22'05"N, 93°36'25"W, 16-iii-2000, J Bueno, R Barba, A Rojas; deposited in the CNIN Mexico (Tabasco)

*Wormaldia alticola* (N Banks, 1937) : OL (Philippines)

*Doloclanes alticola* N Banks, 1937

*Wormaldia amalek* H Malicky, 2009 : OL (Male described originally near *Wormaldia dolophion* F Schmid Holotype--Male; LAOS: Hua Phan Prov, Mt Phou Pan, 1500-1900 m, 20°12'N, 104°01'E, 17-v-3-vi-2007, leg Carolus Holzschuh; deposited in the H Malicky Collection, Lunz am See, Austria Laos)

*Wormaldia ambigua* L Navas, 1916 (Spain)

*Wormaldia amyda* HH Ross, 1956 : OL (China (Jiangxi))

*Wormaldia anaactorion* (F Schmid, 1991) : OL (India)

*Doloclanes anaactorion* F Schmid, 1991

*Wormaldia anilla* (HH Ross, 1941) : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 13, 15-16, f 6-13, 129 Holotype--Male; CANADA: British Columbia, Stave Falls, along very small brook, 6-vii-1940, HH Ross & JA Ross; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 15) Canada)

*Dolophilus anilla* HH Ross, 1941

*Wormaldia arcopa* DG Denning, 1966 : NT (Panama)

*Wormaldia arizonensis* (S Ling, 1938) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruitter, 2006, Southwestern Naturalist 51(3): 326-337

Reported from Sierra Tarahumara region of Chihuahua, Mexico, by J Bueno-Soria, JJ Morrone, & R Barba-Alvarez, 2007, Proc Internatn Symp Trichoptera 12: 31-35

Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 16, 18-19, f 14-20, 129

Female described by DE Ruitter & DW Blinn, 2009, Braueria 36: 5, f 20a

Reported from Arizona by Blinn & Ruitter, 2009, Southwestern Naturalist 54(2): 182-194 Holotype--Male; UNITED STATES OF AMERICA: Arizona; in alcohol, CAS Type # 4629; deposited in the California Academy of Sciences, San Francisco, California, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 19) United States of America)

*Dolophilus arizonensis* S Ling, 1938

*Wormaldia arriba* F Sipahiler, 1999 (Spain)

*Wormaldia artillac* F Sipahiler, 1999 (France)

*Wormaldia asterusia* H Malicky, 1972 (Described originally as a subspecies of *Wormaldia triangulifera* R McLachlan, 1878, Rev Syn p 390-391, pl 41 f 1-2

Elevated to species level by H Malicky, 2005, Linzer biol Beitr 37(1): 549 Greece)

Syn.: *Wormaldia triangulifera*, 1983

*Wormaldia balcanica* K Kumanski, 1979 (Described originally as a subspecies of *Wormaldia khourmai*

A species according to K Kumanski, 1985, Fauna Bulg no 15: 167

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38 Bulgaria)

*Wormaldia beaumonti* F Schmid, 1952 (Described originally as species

Considered as a subspecies of *Wormaldia triangulifera* R McLachlan, 1878, by DE Kimmins, 1953, Ann Mag nat Hist (12) 6: 801, 808, f 5)

Elevated back to species by H Malicky, 2005, Linzer biol Beitr 37(1): 549 Spain)

*Wormaldia bicornis* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanmuping, 780 m, 30-VI-1998, sweeping, collected by Wu Hong; deposited in the Nanjing Agricultural University Insect Collection, Nanjing,

Jiangsu Province, People's Republic of China China (Zhejiang))

*Wormaldia bilamellata* C Sun, 1997 (China (Henan))

*Wormaldia birneyi* FJ Munoz-Quesada & RW Holzenthal, 2008 : NA (Male described originally in the *Wormaldia anilla* Group near *Wormaldia pachita* DG Denning, *Wormaldia shawnee* (HH Ross), and *Wormaldia strota* (HH Ross) Holotype--Male; UNITED STATES OF AMERICA: California, Del Norte County, Six River National Forest, small creek jct Smith River Hwy 199, 3 mi [= 4.8 km] NE of Hiouchi [~41°51'N, 124°00'W], 1-vi-1991, Baumann and Stark; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America United States of America)  
*Wormaldia bulgarica* K Novak, 1971 ([described originally as subspecies of *Wormaldia khourmai*

(a species according to K Kumanski, 1979, Acta zool Bulg no 13: 61, figs)] Bulgaria)

*Wormaldia cantabrica* MA Gonzalez & L Botosaneanu, 1983 (Spain)

*Wormaldia carinata* (F Schmid, 1991) (Japan)

*Doloclanes carinata* F Schmid, 1991

*Wormaldia ceudo* (H Malicky, 1993) : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 Indonesia (Sumatra))

*Doloclanes ceudo* H Malicky, 1993

*Wormaldia charalambi* H Malicky, 1980 (Greece)

*Wormaldia cheni* (LP Hsu & CS Chen, 1996) : OL (Referred to *Wormaldia* from *Doloclanes*? by A Neboiss, 1999, P Internatn Symp Trich 9: 286 Taiwan)

*Dolophilodes cheni* LP Hsu & CS Chen, 1996

*Wormaldia chinensis* (G Ulmer, 1932) (China (Beijing))

*Dolophiliella chinensis* G Ulmer, 1932

*Wormaldia clauseni* FJ Munoz-Quesada & RW Holzenthal, 2008 : NA (Male described originally in the *Wormaldia anilla* Group near *Wormaldia pachita* DG Denning, *Wormaldia shawnee* (HH Ross), and *Wormaldia strota* (HH Ross) Holotype--Male; CANADA: British Columbia, Agassiz [49°14'N, 121°46'W], 19-v-1927, HH Ross; Type INHS # 16199; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America Canada)

*Wormaldia clavella* W Mey, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Wormaldia congina* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Wormaldia conjungens* (W Mey, 1993) (China (Beijing))

*Doloclanes conjungens* W Mey, 1993

*Wormaldia copiosa* (R McLachlan, 1868) (Carinthia [Austria or Bosnia])

*Dolophilus copiosa* R McLachlan, 1868

Syn.: *Dolophilus cuprosus*, 1952

Syn.: *Hydropsyche columbina* FJ Pictet, 1834

*Wormaldia copiosa alticola* (Vaillant, 1974) (

~*copiosa* (R McLachlan, 1868, Tr ent Soc London p 303, pl 14 f 2), *Dolophilus*)

*Dolophilus copiosa alticola* Vaillant, 1974

*Wormaldia copiosa botosaneanui* GP Moretti, 1981 (~*copiosa* (R McLachlan, 1868, Tr ent Soc London p 303, pl 14 f 2), *Dolophilus*)

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Wormaldia copiosa calcicola* (F Vaillant, 1974) (

~*copiosa* (R McLachlan, 1868, Tr ent Soc London p 303, pl 14 f 2), *Dolophilus*)

*Dolophilus copiosa calcicola* F Vaillant, 1974

*Wormaldia cornuta* J Bueno-Soria & RW Holzenthal, 1986 : NT (Mexico (Chiapas))

*Wormaldia corvina* (R McLachlan, 1884) (Portugal)

*Dolophilus corvina* R McLachlan, 1884

*Wormaldia dampfi* HH Ross & EW King, 1956 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Mexico (Chiapas))

*Wormaldia daona* J Olah & H Malicky, 2010 : OL (Male described originally near *Wormaldia muoibon* H Malicky Holotype--Male; VIETNAM: Vinh Phuc Province, Tamdao, 11-v-1987, as the waterfall of the main stream, J Olah; deposited in the J Olah Collection, Debrecen, Hungary)



Vietnam)

*Wormaldia dentata* (FR Gui & LF Yang, 2001) : OL (China (Yunnan))

*Doloclanes dentata* FR Gui & LF Yang, 2001

*Wormaldia dexileon* (F Schmid, 1991) : OL (India)

*Doloclanes dexileon* F Schmid, 1991

*Wormaldia didactylus* (CH Sun & LF Yang, 2001) : OL (China (Yunnan))

*Doloclanes didactylus* CH Sun & LF Yang, 2001

*Wormaldia diribitus* (A Neboiss, 1999) : OL (Indonesia (Sulawesi))

*Doloclanes diribitus* A Neboiss, 1999

*Wormaldia dissecta* CH Sun & H Malicky, 2002 (Male described originally Holotype--Male; China: Shaanxi Province, Liuba County, 33.4N, 106.8E, Miaotaizi, 1400 m, 8-VI-1998, sweep, collected by DU Yuzhou & SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China (Shaanxi))

*Wormaldia dissita* DG Gibbs, 1973 : AT (Ghana)

*Wormaldia dizkiran* F Sipahiler, 2001 (Holotype--XXX?; TURKEY: Artvin, Borcka, Camili, Lodivake Yaylasi Turkey)

*Wormaldia dolophion* (F Schmid, 1991) : OL (India)

*Doloclanes dolophion* F Schmid, 1991

*Wormaldia dorsata* HH Ross & EW King, 1956 : NT (Mexico (Chiapas))

*Wormaldia dresiu* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)

*Doloclanes dresiu* H Malicky & P Chantaramongkol, 1993

*Wormaldia echinata* W Tobias, 1995 (Recorded from Italy by H Malicky, 2002, Entomofauna 23(1): 4

Endemic to Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22 France)

*Wormaldia endonima* HH Ross & EW King, 1956 : NT (Mexico (Chiapas))

*Wormaldia endymion* (F Schmid, 1991) : OL (India)

*Doloclanes endymion* F Schmid, 1991

*Wormaldia ephestion* F Schmid, 1991 : OL (India)

*Wormaldia esperonis* HH Ross & EW King, 1956 : NT (Mexico (Chiapas))

*Wormaldia etto* (H Malicky & P Chantaramongkol, 1993) : OL (Thailand)

*Doloclanes etto* H Malicky & P Chantaramongkol, 1993

*Wormaldia extensa* DE Kimmins, 1955 : OL (Myanmar)

*Wormaldia fletcheri* DE Kimmins, 1959 : AT (Uganda)

*Wormaldia fujinoensis* M Kobayashi, 1980 (Male redescribed by N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 229-231, f 1, 11A Holotype--Male; JAPAN: Honshu, Kanagawa, Fujino; not in the M Kobayashi collection at the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 229-230) Japan)

*Wormaldia gabriella* (N Banks, 1930) : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 25, 27-29, f 34-40, 130 Lectotype--Male; UNITED STATES OF AMERICA: California, Mts San Gabriel, 29-vi (?); MCZ # 16326; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 28) United States of America)

*Dolophiliella gabriella* N Banks, 1930

*Wormaldia gardensis* F Sipahiler, 1999 (France)

*Wormaldia gesugta* F Schmid, 1968 : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 29, 31, f 41-45, 131 Holotype--Male; UNITED STATES OF AMERICA: California, Del Norte Co, Gasquet [~41\*51'N, 124\*00'W], 4-vi-1965, F Schmid; CNC Type # 9645; deposited in the Canadian National Collection, Ottawa, Ontario, Canada ((FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 31) United States of America)

*Wormaldia graia* H Malicky & T Prommi, 2004 : OL (Male described originally Holotype--Male; Thailand: Kanchanaburi Province, Thongpapum District, 14\*38'N, 98\*35'E, 208 M, 9-10-11-2002, leg T Prommi; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Wormaldia gressitti* HH Ross, 1956 : OL (Listed from Indonesia (Sumatra) by H Malicky, 2007, Proceedings of the International Symposium on Trichoptera 12: 175-179 China (Guangdong))

*Wormaldia hamata* DG Denning, 1951 : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 31, 33, f 46-52, 131 Holotype--Male; UNITED STATES OF AMERICA: California, Trinity Co, Hayden Flats, Trinity River, 30-vii-1950, 1200 ft [= 366 m], CP Alexander; in alcohol; deposited in the California Academy of Sciences, San Francisco,

California, United States of America ((FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 33) United States of America)

*Wormaldia hemsinensis* F Sipahiler, 1987 (Turkey)

*Wormaldia hephoa* J Olah & H Malicky, 2010 : OL (Male described originally near *Wormaldia daona* J Olah & H Malicky Holotype--Male; VIETNAM: Bac Thai Province, Quang Chu, 25-25-v-1987, light, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Wormaldia hyperion* (F Schmid, 1991) : OL (India)

*Doloclanes hyperion* F Schmid, 1991

*Wormaldia ikizdere* F Sipahiler, 2000 (Turkey)

*Wormaldia insignis* (AV Martynov, 1912) : NT (Peru)

*Dolophilus insignis* AV Martynov, 1912

Syn.: *Wormaldia ostina* HH Ross, 1956

*Wormaldia inthanonensis* H Malicky & P Chantaramongkol, 1993 : OL (Thailand)

*Wormaldia ixion* (F Schmid, 1991) : OL (India)

*Doloclanes ixion* F Schmid, 1991

*Wormaldia joosti* K Kumanski, 1980 (Russia (Caucasus))

*Wormaldia juliani* K Kumanski, 1979 (Bulgaria)

*Wormaldia juliani vaillantorum* L Botosaneanu, 1980 (Described originally as a subspecies of *Wormaldia occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*

Transferred to a subspecies of *Wormaldia juliani* K Kumanski, 1979, *Acta zool Bulg* no 12: 58, figs, by L Botosaneanu, 2004, *Travaux du Museum National d'Histoire Naturelle "Grigore Antipa"* 46: 162)

*Wormaldia kadowakii* M Kobayashi, 1980 (Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 232-233, f 3, 11C Holotype--Male; JAPAN: Honshu, Shimane, Daito, 25-vi-1964, H Kadowaki; deposited in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 232) Japan)

*Wormaldia kakopteros* H Malicky, 1972 (Greece)

*Wormaldia kambaitiensis* (H Malicky, 1993) : OL (Male from Bhutan illustrated by H Malicky, 2007, *Linzer biol Beitr* 39(1): 492, 496, pl 7 Myanmar)

*Doloclanes kambaitiensis* H Malicky, 1993

*Wormaldia kaslu* H Malicky, 2011 : OL (Male described originally near *Wormaldia ahas* H Malicky & P Chantaramongkol, *Wormaldia dresiu* H Malicky & P Chantaramongkol, and *Wormaldia gressitti* HH Ross Holotype--Male; MALAYSIA: Sabah, Mt Kinabalu, 3230 m, 29\*iv-1982, leg M Horak; deposited in the Naturhistorisches Museum, Geneva, Switzerland Malaysia (Sabah))

*Wormaldia khourmai* F Schmid, 1959 (*Wormaldia subnigra* sensu AV Martynov may be this species according to L Botosaneanu & H Malicky, 1978, in J Illies, *Limnofauna Europaea*, p XX?)

Reported from Iran by A Mirmoayedi & H Malicky, 2002, *Zoology in the Middle East* 26: 163-168

Listed from northwestern Turkey by F Sipahiler, 2007, *Braueria* 34: 38 Iran)

*Wormaldia kimminsi* L Botosaneanu, 1960 (Described originally as a subspecies of *Wormaldia triangulifera*

Elevated to species by H Malicky, 1977, *Nachrichtenblatt bayer Ent* 26(4): 68 Macedonia (Perister))

*Wormaldia kisoensis* (M Tsuda, 1942) (Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 241-243, f 10, 11H

Recorded from Japan as *Kisaura kisoensis* by W Mey & T Nozaki, 2007, *Braueria* 33: 24 Holotype--Male; JAPAN: Honshu, Nagano, Kisofukushima, Chigono River according to N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 241 Japan)

*Nanagapetus kisoensis* M Tsuda, 1942

*Wormaldia kyana* (ME Mosely, 1939) : AT (Uganda)

*Dolophilus kyana* ME Mosely, 1939

*Wormaldia lacerna* DG Denning, 1958 : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 33-34, f 53-59, 130 Holotype--Male; UNITED STATES OF AMERICA: Washington, Klickitat Co, Satus Creek, near Goldendale, 2-x-1952, DG Denning; in

alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America ((FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 34) United States of America)

*Wormaldia langohri* L Botosaneanu & J Giudicelli, 2001 (Habitat in temporary streams Holotype--XXX?; FRANCE: Var, Esterel massif, Agay, Valbonette river France)

*Wormaldia laona* DG Denning, 1989 : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 36, 38-39, f 60-66, 131 Holotype--Male; UNITED STATES OF AMERICA: California, Santa Clara Co, Swanson Creek, Uvas Canyon Park, 2-vi-1974, DG Denning; in alcohol; deposited in the California Academy of Sciences, San Francisco, United States of America ((FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 39) United States of America)

*Wormaldia longicerca* K Kumanski, 1992 (Korean People's Democratic Republic)

*Wormaldia longicornuta* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Wormaldia longispina* L Tian & Y Li, 1993 : OL (China (Yunnan))

*Wormaldia lot* H Malicky & P Chantaramongkol, 2009 : OL (Male described originally near *Wormaldia acheloos* H Malicky & P Chantaramongkol Holotype--Male; THAILAND: Prov Kanchanaburi, Tong Pa Pum National Park, headquarters, 1000 m, 14\*41'N, 098\*24'E, 20-iv-2001; deposited in the H Malicky Collection, Lunz am See, Austria Thailand)

*Wormaldia luma* J Bueno-Soria & RW Holzenthal, 1986 : NT (Mexico (Oaxaca))

*Wormaldia lusitanica* MA Gonzalez & L Botosaneanu, 1983 (Portugal)

*Wormaldia matagalpa* OS Flint, 1995 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 46 Nicaragua)

*Wormaldia mediana* R McLachlan, 1878 (Forelegs described by G Spinelli and C Corallini, 2002, Proc Internatn Symp Trich 10: 29-36)

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81 Scotland, Hungary)

*Wormaldia mediana nielseni* GP Moretti, 1981 (~*mediana* R McLachlan, 1878, Rev Syn p 391)

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, Proceedings of the International Symposium on Trichoptera 12: 18-22)

*Wormaldia melanion* F Schmid, 1991 : OL (India)

*Wormaldia meosorum* (W Mey, 1996) : OL (Reported from Vietnam, as *Doloclanes meosorum*, by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Doloclanes meosorum* W Mey, 1996

*Wormaldia moesta* (N Banks, 1914) : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 39, 41-43, f 67-75, 130, 133 Lectotype--Male; UNITED STATES OF AMERICA: North Carolina (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 39); New York, St Lawrence Co, Tompkins Co, Coy Glen, Ithaca, vii-viii (?) (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 42); deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 39, 42) United States of America)

*Paragapetus moesta* N Banks, 1914

Syn.: *Dolophilus breviatus* N Banks, 1914

*Wormaldia mohri* (HH Ross, 1948) : NA (Male redescribed, transferred to *Wormaldia* subgenus *Doloclanes* by HH Ross, 1956, Evol Class Mount Caddisflies, p 38, 45, 65, 66, f 95)

Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 43, 45-46, f 76-83, 131 United States of America)

*Gatlinia mohri* HH Ross, 1948

*Wormaldia montana* (N Banks, 1937) : OL (Philippines)

*Doloclanes montana* N Banks, 1937

*Wormaldia moselyi* DE Kimmins, 1953 (Described originally as a subspecies of *Wormaldia triangulifera* R McLachlan, 1878, Rev Syn p 390-391, pl 41 f 1-2)

A distinct species according to H Malicky, 2005, Linzer biol Beitr 37(1): 549 France)

*Wormaldia muoiba* (H Malicky, 1995) : OL (Reported from Vietnam, as *Doloclanes muoiba*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Doloclanes muoiba* H Malicky, 1995

*Wormaldia muoibon* (H Malicky, 1995) : OL (Reported from Vietnam, as *Doloclanes muoibon*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Doloclanes muoibon* H Malicky, 1995

*Wormaldia muoihai* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Wormaldia muoimot* H Malicky, 1995 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

*Wormaldia muoinam* (H Malicky, 1995) : OL (Reported from Vietnam, as *Doloclanes muoinam*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)  
*Doloclanes muoinam* H Malicky, 1995

*Wormaldia muoisai* (H Malicky, 1995) : OL (Reported from Vietnam, as *Doloclanes muoisai*, by BJ Armitage, W Mey, TI Arefina, & PW Scheffer, 2005, Proceedings of the International Symposium on Trichoptera 11: 28 Vietnam)

Reported from another location in Vietnam by J Olah & H Malicky, 2010, *Braueria* 37: 15 Vietnam)  
*Doloclanes muoisai* H Malicky, 1995

*Wormaldia nabewarinus* M Kobayashi, 1969 (Male described near *Wormaldia triangulifera* and *Wormaldia subnigra* originally)

Referred back to *Wormaldia* from *Doloclanes* by A Neboiss, 1999, *P Internatn Symp Trich* 9: 286

Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 231-232, f 2, 11B

Recorded from Japan by W Mey & T Nozaki, 2007, *Braueria* 33: 24 Holotype--Male; Japan: Kanagawa Prefecture, Tanzawa, Nabewarizawa, 4 June 1967, M Kobayashi (M 2017); in alcohol; deposited in the Kanagawa Prefecture Museum, Yokohama, Japan Japan)  
*Wormaldia nigrorosea* F Schmid, 1991 : OL (India)  
*Wormaldia niensis* M Kobayashi, 1985 (Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 237-239, f 7, 11F Holotype--Male; JAPAN: Tsushima Island, Toyotama, Nii, 4-vi-1984, M Kobayashi; deposited in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 237) Japan)  
Syn.: *Wormaldia coreana* K Kumanski, 1992

*Wormaldia nyctimon* (F Schmid, 1991) : OL (Reported from India, Vietnam, Thailand by J Olah & H Malicky, 2010, *Braueria* 37: 15 India)  
*Doloclanes nyctimon* F Schmid, 1991

*Wormaldia occidea* (HH Ross, 1938) : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 46, 48-49, f 84-91, 129 Holotype--Male; UNITED STATES OF AMERICA: Oregon, Lincoln Co, Yew Creek, Alsea Mountains, 3-v-1936, RE Rieder; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 49) United States of America)  
*Dolophilus occidea* HH Ross, 1938  
Syn.: *Dolophilus cruzensis* S Ling, 1938

*Wormaldia occipitalis* (FJ Pictet, 1834) (Redlisted in Sweden according to B Gullefors, 2002, *Entomol Tidskr* 123(3): 133)

Temporal and spatial dynamics in the Breitenbach, Germany, discussed by R Wagner, 2002, *Lauterbornia* 43: 111-119

Midgut epithelial goblet cells described by C Corallini, 2007, Proceedings of the International Symposium on Trichoptera 12: 75-81

Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Switzerland)

*Hydropsyche occipitalis* FJ Pictet, 1834

Syn.: *Aphelocheira subaurata* JF Stephens, 1836

Syn.: *Hydropsyche columbina* FJ Pictet, 1834

Syn.: *Philopotamus longipennis* F Brauer, 1857

Syn.: *Philopotamus ramburii* F Kolenati, 1859

Syn.: *Tinodes (Oncocerus) pallescens* F Kolenati, 1859

Syn.: *Wormaldia lambda* L Navas, 1934

Syn.: *Wormaldia subterranea* M Radovanovic, 1932

*Wormaldia occipitalis bosniaca* L Botosaneanu, 1960 (

~*occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*)

*Wormaldia occipitalis hellenica* S Jacquemart, 1962 (

~*occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*)

*Wormaldia occipitalis meridionalis* F Vaillant, 1974 (

~*occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*)

*Wormaldia occipitalis morettii* A Viganò, 1981 (

~*occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*)

*Wormaldia occipitalis trifida* T Andersen, 1983 (

~*occipitalis* (FJ Pictet, 1834, *Rech Phryg* p 211-212, pl 19 f 8), *Hydropsyche*)

*Wormaldia oconee* JC Morse, 1989 : NA (Male redescribed by FJ Munoz-Quesada & RW

Holzenthall, 2008, *Zootaxa* 1838: 49, 51, f 92-95, 131 Holotype--Male; UNITED STATES OF AMERICA: South Carolina, Oconee Co, Coley Creek, Duke Power Company, 1400 ft [= 427 m], 20-21-vii-1987, SW Hamilton & KM Hoffman; in alcohol; deposited in the United States National Museum of Natural History, Smithsonian Institution, Washington, District of Columbia, United States of America (FJ Munoz-Quesada & RW Holzenthall, 2008, *Zootaxa* 1838: 51) United States of America)

*Wormaldia otaros* (A Neboiss, 1999) : OL (Indonesia (Sulawesi))

*Doloclanes otaros* A Neboiss, 1999

*Wormaldia pachita* DG Denning, 1956 : NA (Male redescribed by FJ Munoz-Quesada & RW

Holzenthall, 2008, *Zootaxa* 1838: 51, 53, f 96-100, f 132 Holotype--Male; UNITED STATES OF AMERICA: California, Nevada Co, Grass Valley, 2350 ft [= 716 m], 5-v-1946, HP Chandler; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (FJ Munoz-Quesada & RW Holzenthall, 2008, *Zootaxa* 1838: 53) United States of America)

*Wormaldia palma* OS Flint, 1991 : NT (Colombia)

*Wormaldia pauliani* HH Ross, 1956 : AT (Madagascar)

*Wormaldia planae* HH Ross & EW King, 1956 : NA, NT (Reported from Martinique by L

Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 47

Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthall, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 46

Male redescribed by FJ Munoz-Quesada & RW Holzenthall, 2008, *Zootaxa* 1838: 53, 55-56, f 101-107, 129

Holotype--Male; MEXICO: Chiapas; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (FJ Munoz-Quesada & RW Holzenthall, 2008, *Zootaxa* 1838: 53) Mexico (Chiapas))

*Wormaldia prolixa* OS Flint, 1991 : NT (Colombia)

*Wormaldia pulla* (R McLachlan, 1878) (Listed from Ukraine by B Szczesny & RJ Godunko, 2008, *Braueria* 35: 11-20 Switzerland)

*Dolophilus pulla* R McLachlan, 1878

*Wormaldia pulla marlieri* GP Moretti, 1981 (~*pulla* (R McLachlan, 1878, *Rev Syn* p 389, pl 41 f 1-3), *Dolophilus*)

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22)

*Wormaldia quadrata* CH Sun & H Malicky, 2002 (Male described originally Holotype--Male; China: Shaanxi Province, Ningshan County, 33.3N, 108.3E, huoditang Forest Farm, Banqiao Brook, 1600 m, 5-VI-1998, sweep, collected by John C MORSE, YANG Lianfang, and SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu

Province, People's Republic of China China (Shaanxi)  
*Wormaldia quadriphylla* C Sun, 1997 : OL (China (Hubei))  
*Wormaldia rara* (M Kobayashi, 1959) (Male and female described, genus spelled "Wormalia" in original description of *Wormaldia kurokawanus* M Kobayashi)

Male (as *Wormaldia kurokawanus*) redescribed by M Kobayashi, 1980, Bull Kanagawa Prefectural Mus 12: 99, pl 1 f 14, pl 6 f 5-8

*Wormaldia kurokawanus* M Kobayashi referred back to *Wormaldia* from *Doloclanes* by A Neboiss, 1999, P Internatn Symp Trich 9: 289

Male redescribed, cited in genus *Wormaldia* by N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 235

Reported from Hiroshima Prefecture (Japan) by T Nozaki & S Nakamura, 2007, Miscellaneous Reports of the Hiwa Museum for Natural History 48: 91-101 Holotype--Male; JAPAN: Kyushu, Fukuoka, Yoshii; not in the M Kobayashi collection in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 235, 236) Japan)

*Dolophilodes rara* M Kobayashi, 1959

Syn.: *Wormaldia kurokawanus* M Kobayashi, 1968

Syn.: *Wormaldia saekiensis* M Kobayashi, 1980

Syn.: *Wormaldia yunotakiensis* M Kobayashi, 1980

*Wormaldia relictata* (AV Martynov, 1935) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496

Reported from India, Nepal, Thailand, Vietnam, Laos by J Olah & H Malicky, 2010, Braueria 37: 15 India)

*Dolophiliella relictata* AV Martynov, 1935

*Wormaldia rhynchophysa* (CH Sun & FR Gui, 2001) : OL (China (Yunnan))

*Doloclanes rhynchophysa* CH Sun & FR Gui, 2001

*Wormaldia rufiventris* G Ulmer, 1908 : AT (East Africa)

*Wormaldia saldetica* L Botosaneanu & MA Gonzalez, 1984 (Reported from Spain by JM

Menendez & MA Gonzalez, 2009, Boln Asoc esp Ent 33(3-4): 337-353 Spain)

*Wormaldia sarawakana* (DE Kimmins, 1955) : OL (Malaysia (Sarawak))

*Doloclanes sarawakana* DE Kimmins, 1955

*Wormaldia scalaris* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanmuping, 780 m, 15-IX-1998, light trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Wormaldia serrata* (DE Kimmins, 1955) : OL (Myanmar)

*Doloclanes serrata* DE Kimmins, 1955

*Wormaldia serratosioi* F Vaillant, 1974 (France)

*Wormaldia shaanxiensis* CH Sun & H Malicky, 2002 (Male described originally

Belongs in genus *Kisaura* according to FJ Munoz-Quesada, 2006, personal communication  
Holotype--Male; China: Shaanxi Province, Ningshan County, 33,3N, 108,3E, Huoditang Forest Farm, Banqiao Brook, 1600 m, 5-VI-1998, sweeping, collected by John C MORSE, YANG Lianfang, & SUN Changhai; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Shaanxi))  
*Wormaldia shawnee* (HH Ross, 1938) : NA (Reported from Tennessee by GJ Wiggins, DA Etnier, JF Grant, PL Lambdin, & AJ Mayor, 2001, Entomological News 112(3): 187-190

Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 56, 57-58, f 108-112, 132 Holotype--Male; UNITED STATES OF AMERICA: Illinois, Herod, Gibbons Creek, 26-

v-1936, Mohr & Burks; reared, INHS Type 22262; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 58) United States of America)

*Dolophilus shawnee* HH Ross, 1938

*Wormaldia sikkimensis* (MS Saini, P Bajwa, & HS Ghattor, 2005) : OL (India (Sikkim))

*Doloclanes sikkimensis* MS Saini, P Bajwa, & HS Ghattor, 2005

*Wormaldia simulans* DE Kimmins, 1955 : OL (Myanmar)

*Wormaldia sinocornuta* W Mey, 1996 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29 Vietnam)

*Wormaldia sonlama* J Olah & H Malicky, 2010 : OL (Male described originally near *Wormaldia nycitimon* F Schmid Holotype--Male; VIETNAM: Cucphuong National Park, 18-x-1986, along karst spring brook in forested valley, J Olah; deposited in the J Olah Collection, Debrecen, Hungary Vietnam)

*Wormaldia spinifera* C Hwang, 1957 : OL (China (Fujian))

*Wormaldia spinosa* HH Ross, 1956 : OL (China (Jiangxi))

*Wormaldia strota* (HH Ross, 1938) : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 59, 61, f 115-119, 132 Holotype--Male; UNITED STATES OF AMERICA: Oklahoma, Le Flore Co, Page, 23-vi-1937, Standish-Kaiser; in alcohol; deposited in the Illinois Natural History Survey, Urbana, Illinois, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, Zootaxa 1838: 61) United States of America)

*Dolophilus strota* HH Ross, 1938

*Wormaldia subnigra* R McLachlan, 1865 (Reported from Oestfold and Akershus, Norway, by T Andersen, KA Johanson, S Kobro, & S Ligaard, 1993, Fauna norv Ser B 40: 1-12

Reported from Buskerud, Norway, by T Andersen, LO Hansen, KA Johanson, & BA Sagvolden, 1993, Fauna norv Ser B 40: 49-57

Adult head, maxillary palp illustrated by JO Solem & B Gullefors, 1996, in AN Nilsson, Aq Ins N Europe f 149

Considered possibly to develop in brackish water, Gulf of Bothnia, Sweden, according to B Gullefors, 2005, Proc Internatn Symp Trichoptera 11: 137-147

Reported in error from Japan by M Iwata, 1927, Zool Mag 39: 209-272, according to N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 243

Listed from northwestern Turkey by F Sipahiler, 2007, Braueria 34: 38

Reported from Gotland Island, Sweden, by B Gullefors & KA Johanson, 2007, Entomologisk Tidskrift 128(1-2): 68 Britain)

*Wormaldia subnigra suecica* S Jacquemart, 1962 (Described originally as a subspecies of *Wormaldia subnigra* R McLachlan, 1865, Tr ent Soc London (3) 5: 142, pl 13 f 24, 25, Britain, WP)

*Wormaldia sukranæ* F Sipahiler, 2007 (Male described originally near *Wormaldia triangulifera* R McLachlan Holotype--Male; TURKEY: Bolu, Aladaglar, Bospinarlar, 1350 m, 27-vi-1999, N40°34', E31°43', leg and coll Sipahiler; deposited in the F Sipahiler collection, Department of Biology Education, Hacettepe University, Beytepe, Ankara, Turkey Turkey)

*Wormaldia sumuharana* M Kobayashi, 1980 (Holotype--Male; JAPAN: Honshu, Niigata, Nagaoka, Sumuhara; not in the M Kobayashi collection in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, Proc Internatn Symp Trichoptera 11: 243) Japan)

*Wormaldia sunkosiana* (H Malicky, 1994) : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, Proceedings of the International Symposium on Trichoptera 11: 29

Reported from Nepal by H Malicky, 2006, Entomofauna Zeitschrift fuer Entomologie 27(20): 241-264

Reported from Bhutan by H Malicky, 2007, Linzer biol Beitr 39(1): 496 Nepal)

*Doloclanes sunkosiana* H Malicky, 1994

*Wormaldia tagananana* (G Enderlein, 1929) (Genetic population structure and dispersal reported by LC Kelly, SD Rundle, & DT Bilton, 2002, *Freshwater Biology* 47(9): 1642-1650 Spain (Canary Islands))

*Cabreraia tagananana* G Enderlein, 1929

*Wormaldia tarasca* J Bueno-Soria & RW Holzenthal, 1986 : NT (Mexico (Michoacan))

*Wormaldia therapion* F Schmid, 1991 : OL (India)

*Wormaldia thyria* DG Denning, 1950 : NA (Male redescribed by FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 61-62, f 122-128, 131 Holotype--Male; UNITED STATES OF AMERICA: North Carolina, [Henderson Co, (?)], Neels Creek, Game Refuge, Mt Mitchell, 30-v-1946, JF Hanson; in alcohol; deposited in the California Academy of Sciences, San Francisco, California, United States of America (FJ Munoz-Quesada & RW Holzenthal, 2008, *Zootaxa* 1838: 62) United States of America)

*Wormaldia timoleon* (F Schmid, 1991) : OL (India)

*Doloclanes timoleon* F Schmid, 1991

*Wormaldia triacanthophora* CH Sun, 1998 : OL (Male redescribed by CH Sun & H Malicky, 2002, *Linzer Biol Beitr* 34(1): 529, pl 6 China (Zhejiang))

*Wormaldia triangulifera* R McLachlan, 1878 (Larval habitat temporary water by U Kampwerth, 1998, *Lauterbornia* 34: 121-129

Reported from Spain by JM Menendez & MA Gonzalez, 2009, *Boln Asoc esp Ent* 33(3-4): 337-353 France, Carinthia)

*Wormaldia triangulifera laticerca* F Vaillant, 1974 (

~*triangulifera* R McLachlan, 1878, *Rev Syn* p 390-391, pl 41 f 1-2)

*Wormaldia tricuspis* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, Sanmuping, 780 m, 30-VI-1998, Malaise trap, collected by ZHAO Mingshui; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Wormaldia ulmeri* HH Ross, 1956 : OL (Described originally in subgenus *Doloclanes* Taiwan)

*Wormaldia unispina* CH Sun, 1998 : OL (China (Zhejiang))

*Wormaldia uonumana* M Kobayashi, 1980 (Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 239-241, f 8-9, 11G Holotype--Male; JAPAN: Honshu, Niigata, Yunotaki [? misspelling of Yunotani], 1-iii-1966, K Baba; deposited in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 240) Japan)

*Wormaldia vargai* H Malicky, 1981 (Slovenia)

*Wormaldia variegata* ME Mosely, 1930 (Endemic to geographic Italy (Sardinia, Corsica) according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22 France (Corsica))

Syn.: *Hydropsyche brevicornis* FJ Pictet, 1834

*Wormaldia variegata corsicana* F Vaillant, 1974 (~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

*Wormaldia variegata denisi* GP Moretti, 1981 (~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

*Wormaldia variegata maclachlani* DE Kimmins, 1953 (~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

Occurring in Italy according to F Cianficconi, C Corallini, & F Tucciarelli, 2007, *Proceedings of the International Symposium on Trichoptera* 12: 18-22)

*Wormaldia variegata mattheyi* F Schmid, 1952 ((described originally as species)

Treated as subspecies by DE Kimmins 1953 *Ann Mag nat Hist* (12) 6: 803, 808, f 10

~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

*Wormaldia variegata numidica* F Vaillant, 1974 (~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

*Wormaldia variegata vercorsica* F Vaillant, 1974 (~*variegata* ME Mosely, 1930, *Eos* 6: 169-170, 183, f 55-56)

*Wormaldia yakuensis* M Kobayashi, 1980 (Male redescribed by N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 233-235, f 4, 11D Holotype--Male; JAPAN: Yaku Island, 31-vi-1974, M Kobayashi; deposited in the Natural History Museum and Institute, Chiba, Japan (N Kuhara, 2005, *Proc Internatn Symp Trichoptera* 11: 233) Japan)



*Wormaldia yavuzi* F Sipahiler, 1996 (Turkey)

*Wormaldia zhejiangensis* CH Sun & H Malicky, 2002 : OL (Male described originally Holotype--Male; China: Zhejiang Province, Mt Tianmushan, over Kaishanlaodian, 1100-1200 m, 30-V-1998, light trap, collected by WU Hong; deposited in the Nanjing Agricultural University Insect Collection, Nanjing, Jiangsu Province, People's Republic of China China (Zhejiang))

*Xanthochorema* DE Kimmins, 1953

*Xanthochorema bifurcatum* F Schmid, 1989 : AU (New records from New Caledonia provided by KA Johanson, 2002, Zootaxa 42: 3

Male redescribed, female described by M Espeland & KA Johanson, 2008, in P Grandcolas, Zoologia Neocaledonica 6, Biodiversity studies in New Caledonia, Memoires du Museum National d'Histoire Naturelle 197: 90-93, f 36-47 New Caledonia)

*Xanthochorema calcaratum* F Schmid, 1989 : AU (New records from New Caledonia provided by KA Johanson, 2002, Zootaxa 42: 3

Male redescribed, female described by M Espeland & KA Johanson, 2008, in P Grandcolas, Zoologia Neocaledonica 6, Biodiversity studies in New Caledonia, Memoires du Museum National d'Histoire Naturelle 197: 93-96, f 48-59 New Caledonia)

*Xanthochorema caledon* DE Kimmins, 1953 : AU (New records from New Caledonia provided by KA Johanson, 2002, Zootaxa 42: 3

Male redescribed, female and larva associated by mitochondrial 16S and COI and described by KA Johanson, 2007, Entomological Science 10: 184, 186-192, tab 1-3, f 7-36 New Caledonia)

*Xanthochorema celadon* F Schmid, 1989 : AU (Male redescribed, female and larva associated by mitochondrial 16S and COI and described by KA Johanson, 2007, Entomological Science 10: 192-195, tab 1-3, f 37-63 New Caledonia)

*Xanthochorema christinae* M Espeland & KA Johanson, 2008 : AU (Male and female described originally Holotype--Male; NEW CALEDONIA: Province Sud, Dumbea River, branche nord, 2.2 km SE summit of Mt. Piditere, 22°07.503'S, 166°29.899'E, 25 m, 21-i-2004, loc 124, light trap, KA Johanson; in alcohol; deposited in the Museum national d'Histoire naturelle, Paris, France New Caledonia)

*Xanthochorema johnwardi* M Espeland & KA Johanson, 2008 : AU (Male and female described originally near *Xanthochorema nathaliae* M Espeland & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Dumbea River, branche nord, 2.2 km SE summit of Mt. Piditere, 22°07.503'S, 166°29.899'E, 25 m, 21-i-2004, loc 124, light trap, KA Johanson & C Poellabauer; in alcohol; deposited in the Museum national d'Histoire naturelle, Paris, France New Caledonia)

*Xanthochorema nathaliae* M Espeland & KA Johanson, 2008 : AU (Male and female described originally near *Xanthochorema johnwardi* M Espeland & KA Johanson Holotype--Male; NEW CALEDONIA: Province Sud, Monts Kouanemoa, on road between Noumea and Yate, 1.5 km E Pic Mouirange, 22°12.545'S, 166°40.246'E, 143 m, 9-xi-2003, loc 018, light trap, KA Johanson; in alcohol; deposited in the Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Xanthochorema neocaledonia* KA Johanson, 2002 : AU (Male described originally Holotype--Male; NEW CALEDONIA: Prov Sud, Sarramea, 207 m, stream near waterfall, 21°36.981'S, 165°51.154'E, Malaise trap, 18-21-xi-2001, Johanson, Pape & Viklund; in alcohol; deposited in Museum National d'Histoire Naturelle, Paris, France New Caledonia)

*Xanthochorema paniensis* JB Ward & NJ Mary, 2000 : AU (New Caledonia)

*Xenobiosella* IM Henderson, 1983

*Xenobiosella motueka* IM Henderson, 1983 : AU (New Zealand)

*Xiphocentron* F Brauer, 1870

subgenus *Antillotrichia* N Banks, 1941

*Xiphocentron (Antillotrichia) albolineatum* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 47 Dominica)

*Xiphocentron (Antillotrichia) borinquense* OS Flint, 1964 : NT (Puerto Rico)

*Xiphocentron (Antillotrichia) caenina* F Schmid, 1982 : NT (Argentina [not Mexico])

*Xiphocentron (Antillotrichia) cubanum* (N Banks, 1941) : NT (Occurring in eastern Cuba according to PL de Catillo, JCN Lopez, JLF Triana, & DG Lazo, 2007, Proceedings of the International Symposium on Trichoptera 12: 169-173 Cuba)

*Antillotrichia cubanum* N Banks, 1941

*Xiphocentron (Antillotrichia) cubanum caimitense* K Kumanski, 1987 (Described originally as a species)

Classified as a subspecies of *Xiphocentron cubanum* by L Botosaneanu, 1993, Ent Z 103: 296

~*cubanum* (N Banks, 1941, Mem Soc Cubana Hist nat 15: 401, pl 44 f 14, pl 45, f 27, 30, 37), *Antillotrichia*)

*Xiphocentron (Antillotrichia) cubanum nesidion* OS Flint, 1968 (described originally as a species

reduced to subspecies by L Botosaneanu & EJ Hyslop, 1998, Bull Inst r Sci natr Belgique Entomol 68: 18)

*Xiphocentron (Antillotrichia) cubanum orientale* L Botosaneanu, 1993 (

~*cubanum* (N Banks, 1941, Mem Soc Cubana Hist nat 15: 401, pl 44 f 14, pl 45, f 27, 30, 37), *Antillotrichia*)

*Xiphocentron (Antillotrichia) cuyense* OS Flint, 1983 : NT (Argentina)

*Xiphocentron (Antillotrichia) fuscum* OS Flint, 1968 : NT (Dominica)

*Xiphocentron (Antillotrichia) haitiense* (N Banks, 1941) : NT (Male described originally

Considered a synonym of *Xiphocentron cubanum* (N Banks) by L Botosaneanu, 1993, Ent Z 103: 298

Considered a subspecies of *Xiphocentron cubanum* (N Banks) by L Botosaneanu, 1996, Bull de l'Inst R des Sci Natur de Belgique, Entomol 66: 12

Resurrected as valid species by OS Flint & JL Sykora, 2004, Ann Carnegie Mus 73(1): 55-56  
Holotype--Male; HAITI: [Departement du Sud] Camp Perrin, nr 1000 ft [305 m], 8-27 Oct 1934, Darlington; deposited in the Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, United States of America Haiti)

*Antillotrichia haitiense* N Banks, 1941

*Xiphocentron (Antillotrichia) ilionea* F Schmid, 1982 : NT (Brazil)

*Xiphocentron (Antillotrichia) insulare* G Ulmer, 1913 : NT (Trinidad)

Syn.: *Melanotrichia trinitatis* JA Lestage, 1926

Syn.: *Xiphocentron (Xirocentron) nisus* F Schmid, 1982

*Xiphocentron (Antillotrichia) lobiferum* OS Flint & JL Sykora, 1993 : NT (Grenada)

*Xiphocentron (Antillotrichia) mezencius* F Schmid, 1982 : NA, NT (Mexico ("Rio Frio"))

*Xiphocentron (Antillotrichia) mnesteus* F Schmid, 1982 : NT (Venezuela)

*Xiphocentron (Antillotrichia) moncho* F Munioz-Quesada & RW Holzenthal, 1997 : NT (Costa Rica)

*Xiphocentron (Antillotrichia) nesidion* OS Flint, 1968 : NT (Jamaica)

*Xiphocentron (Antillotrichia) parentum* L Botosaneanu, 1988 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), Ephemera 6(1): 47 Martinique)

*Xiphocentron (Antillotrichia) pintadum* OS Flint, 1983 : NT (Argentina)

*Xiphocentron (Antillotrichia) piscicaudum* OS Flint, 1996 : NT (Tobago)

*Xiphocentron (Antillotrichia) prolixum* OS Flint, 1996 : NT (Trinidad)

*Xiphocentron (Antillotrichia) regulare* OS Flint, 1991 : NT (Colombia)

*Xiphocentron (Antillotrichia) rhamnes* F Schmid, 1982 : NT (Mexico (Veracruz))

*Xiphocentron (Antillotrichia) serestus* F Schmid, 1982 : NT (Mexico (Michoacan))

*Xiphocentron (Antillotrichia) steffeni* (G Marlier, 1964) : NT (Brazil)

*Melanotrichia steffeni* G Marlier, 1964

*Xiphocentron (Antillotrichia) stenotum* OS Flint, 1996 : NT (Tobago)

*Xiphocentron (Antillotrichia) sturmi* H Sturm, 1960 : NT (Colombia)

*Xiphocentron (Antillotrichia) surinamense* OS Flint, 1974 : NT (Surinam)

subgenus *Glyphocentron* F Schmid, 1982

*Xiphocentron (Glyphocentron) alcmeon* F Schmid, 1982 : NT (Guatemala)

*Xiphocentron (Glyphocentron) euryale* F Schmid, 1982 : NT (Costa Rica)

subgenus *Rhamphocentron* F Schmid, 1982

*Xiphocentron (Rhamphocentron) alecto* F Schmid, 1982 : NA, NT (Mexico (San Luis Potosi))

*Xiphocentron (Rhamphocentron) erato* F Schmid, 1982 : NA (Mexico (San Luis Potosi))

*Xiphocentron (Rhamphocentron) lavinia* F Schmid, 1982 : NT (Guatemala)

*Xiphocentron (Rhamphocentron) messapus* F Schmid, 1982 : NA (

Larva and pupa described by SW Edwards, 1961, Texas Journal of Science 13(1): 51-56, and GB Wiggins, 1977, Larvae of the North American Caddisfly Genera, p 364-365, as *Xiphocentron mexico* HH Ross are actually *Xiphocentron messapus* F Schmid, 1982, according to GB Wiggins, 1996, Larvae of the North American Caddisfly Genera, p 186

Occurrence in springs and spring-runs on Edwards Plateau, Texas by DE Bowles, SG Tiemann, & GW Easley, 2007, Proc Internatn Symp Trichoptera 12: 15-29 United States of America)

*Xiphocentron (Rhamphocentron) mexico* HH Ross, 1949 : NA (Larva and pupa described by SW Edwards, 1961, Texas Journal of Science 13(1): 51-56, and GB Wiggins, 1977, Larvae of the North American Caddisfly Genera, p 364-365, as *Xiphocentron mexico* HH Ross are actually *Xiphocentron messapus* F Schmid, 1982, according to GB Wiggins, 1996, Larvae of the North American Caddisfly Genera, p 186 Mexico (Neuvo Leon))

*Xiphocentron (Rhamphocentron) numanus* F Schmid, 1982 : NT (Mexico (Oaxaca))

subgenus *Sphagocentron* F Schmid, 1982

*Xiphocentron (Sphagocentron) evandrus* F Schmid, 1982 : NT (Costa Rica)

*Xiphocentron (Sphagocentron) julus* F Schmid, 1982 : NT (Mexico (Veracruz))

subgenus *Xiphocentron* F Brauer, 1870

*Xiphocentron (Xiphocentron) asilas* F Schmid, 1982 : NA (Mexico (San Luis Potosi))

*Xiphocentron (Xiphocentron) aureum* OS Flint, 1967 : NT (Mexico (Veracruz))

*Xiphocentron (Xiphocentron) bilimekii* F Brauer, 1870 : NA, NT ("Mexico")

*Xiphocentron (Xiphocentron) polemon* F Schmid, 1982 : NT (Mexico (Distrito Federal))

*Xiphocentron (Xiphocentron) tarquon* F Schmid, 1982 : NT (Mexico (Chiapas))

*Xiphocentron saltuum* (F Mueller, 1921) (Type country presumed to be Brazil according to FCJ Fischer, 1962, Trich Cat 3: 202

Transferred from *Tinodes* and *Hydropsyche* to *Xiphocentron* by OS Flint, RW Holzenthal, & SC Harris, 2000 ("1999"), Insecta Mundi 13(1-2): 81 Venezuela)

*Hydropsyche saltuum* F Mueller, 1921

*Xuthotrichia* ME Mosely, 1934

*Xuthotrichia aotea* JB Ward & IM Henderson, 2004 : AU (Male described originally Holotype-- Male; New Zealand: Buller, Lewis Pass, 1.6 km south, Malaise trap in snow tussock at beech forest edge, 24602, 58686, 850 m, Mathais Jaschhof, 26 November - 25 December 2001; in alcohol; deposited in the Canterbury Museum, Christchurch, New Zealand New Zealand)

*Xuthotrichia ochracea* ME Mosely, 1934 : AU (Australia)

*Yphria* LJ Milne, 1934

*Yphria californica* (N Banks, 1907) : NA (United States of America)

*Phryganea californica* N Banks, 1907

Syn.: *Polycentropus magnica* DG Denning, 1964

*Zelandopsyche* RJ Tillyard, 1921

*Zelandopsyche ingens* RJ Tillyard, 1921 : AU (Upstream flight described by MJ Winterbour & ALM Crowe, 2001, Freshw Biol 46: 1479-1489

Predation by fish in New Zealand reported by AR McIntosh, HS Greig, SA McMurtrie, P Nystrom, & MJ Winterbourn, 2005, Freshwater Biology 50(7): 1206-1218

**Adult size and fecundity increases resulting from predation by *Salmo trutta* reported by HS Greig & AR McIntosh, 2008, *Freshwater Biology* 53(8): 1579-1591 New Zealand)**  
***Zelandopsyche maclellani* AG McFarlane, 1981 : AU (New Zealand)**

***Zelandoptila* RJ Tillyard, 1924**

***Zelandoptila moselyi* RJ Tillyard, 1924 : AU (New Zealand)**

**Syn.: *Zelomyia trulla* AG McFarlane, 1956**

***Zelandoptila yuccabina* A Neboiss, 1990 : AU (Australia)**

***Zelolessica* AG McFarlane, 1956**

***Zelolessica cheira* AG McFarlane, 1956 : AU (Female described, male and larva redescribed by KA Johanson & JB Ward, 2002, *Rec Canterbury Mus* 16: 8, 13, 16, f 28-47, 55-57 Holotype--Male; New Zealand: near the Porter River in the Trelessic Basin, Canterbury, 14-i-1947, AG McFarlane ["Trelessic Basin" is an old name for MC Castle Hill Basin. The site is a small spring-fed creek emerging from under Highway 73 at metric coordinates NZMS 260 K34 052702, altitude 790 m (RA Savill, pers commun). (KA Johanson & JB Ward, 200?, *Rec Canterbury Mus* 16: 8)] New Zealand)**

***Zelolessica meizon* AG McFarlane, 1981 : AU (Male and female and larva redescribed KA Johanson & JB Ward, 2002, *Rec Canterbury Mus* 16: 7-8, f 1-27, 48-57 Holotype--Male; New Zealand: C(entral) O(tago), Rock and Pillar Range, 1280 m, 19-xi-1977, under stones by torrent, J Child (KA Johanson & JB Ward, 200?, *Rec Canterbury Mus* 16: 7) New Zealand)**

***Zephyropsyche* JS Weaver, 1993**

***Zephyropsyche monticola* T Ito, T Kagaya, and T Hattori, 2002 (male, female, pupa, larva, and case described Holotype--Male; Shimizu-sawa (139°10'49"N, 37°07'38"E, 800 m), Ginzan-daira, Yunotani-mura, Niigata Prefecture, 2-VII-1999, T Hattori (CBM-ZI 87576); deposited in the Natural History Museum and Institute, Chiba, Japan Japan)**

***Zephyropsyche odamiyamensis* T Ito and E Yamamoto, 2002 (male, female, pupa, larva, and case described life cycle pattern and sex ratio discussed by T Ito, E Yamamoto, M, Doi, and A Ohkawa, 2002, *Hyogo Freshwater Biology* 54: 21-40 Holotype--Male; Namakusa-dani (132°33'33"N, 55°00'33"E, 1200 m), Odamiyama, Oda-cho, Ehime Prefecture, 21-VI-1999, E Yamamoto, sweep (CBM-ZI 87578); deposited in the Natural History Museum and Institute, Chiba, Japan Japan)**

***Zephyropsyche schmidi* JS Weaver, 1993 : OL (Reported from Bhutan by H Malicky, 2007, *Linzer biol Beitr* 39(1): 498 India)**

***Zephyropsyche weaveri* H Malicky & P Chantaramongkol, 1994 : OL (Reported from Vietnam by BJ Armitage, W Mey, TI Arefina, & PW Schefter, 2005, *Proceedings of the International Symposium on Trichoptera* 11: 33 Thailand)**

***Zepsyche* AG McFarlane, 1960**

***Zepsyche acinaces* AG McFarlane, 1960 : AU (New Zealand)**

***Zumatrichia* ME Mosely, 1937**

***Zumatrichia angulata* OS Flint, 1970 : NT (Panama)**

***Zumatrichia anomaloptera* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 45 Grenada)**

***Zumatrichia antilliensis* OS Flint, 1968 : NT (Reported from Martinique by L Botosaneanu & A Thomas, 2005("2004"), *Ephemera* 6(1): 45-46 Dominica)**

***Zumatrichia attenuata* OS Flint, 1970 : NT (Costa Rica)**

***Zumatrichia bifida* OS Flint, 1970 : NT (Costa Rica)**

***Zumatrichia caudifera* OS Flint, 1970 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, *Proc Internatn Symp Trichoptera* 12: 44 Panama)**

***Zumatrichia chiriquiensis* OS Flint, 1970 : NT (Panama)**

***Zumatrichia diamphidia* OS Flint, 1970 : NT (Costa Rica)**

***Zumatrichia echinata* OS Flint, 1967 : NT (Guatemala)**

***Zumatrichia filosa* ME Mosely, 1937 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M**

Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Mexico (Chiapas))  
*Zumatrixia galtena* ME Mosely, 1937 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 Mexico (Chiapas))  
*Zumatrixia lezarda* H Malicky, 1980 : NT (Guadeloupe Island)  
*Zumatrixia longispina* J Bueno-Soria, 1983 : NT (Mexico (Veracruz))  
*Zumatrixia marica* OS Flint, 1981 : NT (Venezuela)  
*Zumatrixia multisetosa* OS Flint, 1970 : NT (Guatemala)  
*Zumatrixia notosa* (HH Ross, 1944) : NA (Mean frequency, maximum percent composition, percent of streams inhabited, and mean percent embeddedness reported in lower Colorado River Basin by DW Blinn & DE Ruiter, 2006, Southwestern Naturalist 51(3): 326-337 United States of America)  
*Leucotrichia notosa* HH Ross, 1944  
*Zumatrixia palmara* OS Flint, 1970 : NT (Listed from Nicaragua by ML Chamorro-Lacayo, J-M Maes, RW Holzenthal, & RJ Blahnik, 2007, Proc Internatn Symp Trichoptera 12: 44 El Salvador)  
*Zumatrixia rhamphiodes* OS Flint, 1970 : NT (Costa Rica)  
*Zumatrixia saluda* OS Flint, 1970 : NT (Panama)  
*Zumatrixia strobilina* OS Flint, 1970 : NT (Costa Rica)  
*Zumatrixia teapa* OS Flint, 1970 : NT (Mexico (Tabasco))  
*Zumatrixia vieja* OS Flint, 1970 : NT (Costa Rica)