

Checklist of the Empidoidea of Finland (Insecta, Diptera)

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Academic editor: J. Salmela | Received 28 January 2014 | Accepted 7 March 2014 | Published 19 September 2014

<http://zoobank.org/1F6C1BDE-2270-484A-96D6-21841F8B7267>

Citation: Kahanpää J (2014) Checklist of the Empidoidea of Finland (Insecta, Diptera). In: Kahanpää J, Salmela J (Eds) Checklist of the Diptera of Finland. ZooKeys 441: 183–207. doi: 10.3897/zookeys.441.7154

Abstract

An updated checklist of the Atelestidae, Brachystomatidae, Dolichopodidae, Empididae and Hybotidae (Diptera) recorded from Finland is presented. The genera with uncertain placement within superfamily Empidoidea (= the *Iteaphila* group) are also included in this paper.

Keywords

Checklist, Finland, Diptera, Atelestidae, Brachystomatidae, Dolichopodidae, Hybotidae, Empididae

Introduction

Empidoidea (dance flies and long-legged flies) is one of the most diverse lineages of Diptera with some 13,000 species currently recognized worldwide (Pape et al. 2011) and many more still undescribed. The superfamily is generally accepted as monophyletic, but its subdivision into families, subfamilies and tribes is still being debated.

The families Atelestidae, Brachystomatidae, Hybotidae and Empididae were traditionally all included in Empididae *sensu lato*. Chvála (1983) split the empidids into five

Table 1. Number of species by family.

Family	Number of species in			Level of knowledge
	World (Pape et al. 2011)	Europe	Finland	
Atelestidae	11	4	2	average
Brachystomatidae	147	13	4	average
Dolichopodidae	7235	790	260	good
Hybotidae	1972	442	143–144	average
Empididae	3049	803	175	average

families: Empididae *sensu stricto*, Hybotidae, Atelestidae, Dolichopodidae and Microphoridae. Sinclair and Cumming (2006) analyzed the whole superfamily Empidoidea, elevated Brachystomatidae to a full family and transferred Microphorinae to the long-legged flies (Dolichopodidae). Two of the Finnish genera, *Anthepiscopus* Becker and *Iteaphila* Zetterstedt, remain unassigned on family level (Sinclair and Cumming 2006, Shamshev and Sinclair 2009). The classification proposed by Sinclair and Cumming (2006) is adopted for this checklist.

The world fauna of the Empidoidea has recently been catalogued by Yang et al. (2006, 2007). The Finnish species were last listed by Kahanpää and Winqvist (2005) for Atelestidae, Brachystomatidae, Hybotidae and Empididae (plus Microphorinae) and by Kahanpää and Grichanov (2004) for Dolichopodidae. Two updates to the dolichopodid checklist have since been published (Kahanpää 2006, 2013).

Checklist

suborder Brachycera Macquart, 1834
 clade Eremoneura Lameere, 1906
 superfamily Empidoidea Latreille, 1809

Uncertain family position within Empidoidea (*incertae familiae*)

ITEAPHILA Zetterstedt, 1838

Iteaphila macquarti Zetterstedt, 1838

Iteaphila nitidula Zetterstedt, 1838

= *obscura* Zetterstedt, 1849

ANTHEPISCOPUS Becker, 1891

Anthepiscopus oedalinus (Zetterstedt, 1838)

EMPIDIDAE Latreille, 1809

HEMERODROMIINAE Schiner, 1862

Chelipodini Hendel, 1936

CHELIPODA Macquart, 1823

Chelipoda albisetata (Zetterstedt, 1838)

- Chelipoda inexpectata* Tuomikoski, 1966
Chelipoda vocatoria (Fallén, 1816)
PHYLLODROMIA Zetterstedt, 1837
Phyllostromia melanocephala (Fabricius, 1794)
Hemerodromiini Schiner, 1862
CHELIFERA Macquart, 1823
Chelifera concinnicauda Collin, 1927
 = *lapponica* Frey, 1950
 = *stigmatica* misid.
Chelifera flavella (Zetterstedt, 1838)
Chelifera frigeli (Zetterstedt, 1838)
Chelifera precabunda Collin, 1961
Chelifera precatória (Fallén, 1816)
Chelifera subangusta Collin, 1961
Chelifera trapezina (Zetterstedt, 1838)
HEMERODROMIA Meigen, 1822
Hemerodromia adulatoria Collin, 1927
Hemerodromia oratoria (Fallén, 1816)
Hemerodromia raptoria Meigen, 1830
EMPIDINAE Latreille, 1809
Empidini Latreille, 1809
EMPIS Linnaeus, 1758
sg. Anacrostichus Bezzi, 1909
Empis lucida Zetterstedt, 1838
sg. Coptophlebia Bezzi, 1909
Empis hyalipennis Fallén, 1816
sg. Empis Linnaeus, 1758
Empis acinerea Chvala, 1985
 = *cinerea* Zetterstedt, 1855 preocc.
Empis bicuspidata Collin, 1927
Empis caudatula Loew, 1867
Empis chioptera Meigen, 1804
Empis laminata Collin, 1927
Empis nigripes Fabricius, 1794
 = *pennaria* Fallén, 1816
 = *vernalis* Meigen, 1822
Empis pennipes Linnaeus, 1758
Empis prodromus Loew, 1867
Empis staegeri Collin, 1963
 = *planetica* misid.
Empis syrovatkai Chvála, 1985
 = *plumipes* Zetterstedt, 1842 preocc.
sg. Euempis Frey, 1953

- Empis picipes* Meigen, 1804
 = *maculipes* Zetterstedt, 1842
Empis tessellata Fabricius, 1794
sg. Kritempis Collin, 1926
Empis livida Linnaeus, 1758
sg. Leptempis Collin, 1926
Empis grisea Fallén, 1816
sg. Platyptera Meigen, 1803
Empis borealis Linnaeus, 1758
sg. Xanthempis Bezzi, 1909
Empis aemula Loew, 1873
Empis digramma Meigen in Gistel, 1835
 = *diagramma* misspelling
Empis laetabilis Collin, 1926
Empis stercorea Linnaeus, 1761
Empis univittata Loew, 1867
RHAMPHOMYIA Meigen, 1822
sg. Aclonempis Collin, 1926
Rhamphomyia galactoptera Strobl, 1893
sg. Amydroneura Collin, 1926
Rhamphomyia gibba (Fallén, 1816)
sg. Holoclera Schiner, 1860
Rhamphomyia bohémica Barták & Kubík, 2012
 = *caliginosa* misid.
 = *trigemina* misid.
Rhamphomyia culicina (Fallén, 1816)
Rhamphomyia nigripennis (Fabricius, 1794)
Rhamphomyia sciarina (Fallén, 1816)
Rhamphomyia umbripennis Meigen, 1822
Rhamphomyia variabilis (Fallén, 1816)
 = *tenuirostris* (Fallén, 1816)
sg. Lundstroemiella Frey, 1922
Rhamphomyia dudai Oldenberg, 1927
Rhamphomyia hybotina Zetterstedt, 1838
sg. Megacyttarus Bigot, 1880
Rhamphomyia anomalina Zetterstedt, 1838
Rhamphomyia anomalipennis Meigen, 1822
 = *anomala* misid.
Rhamphomyia crassirostris (Fallén, 1816)
 = *nigripes* auct. nec (Fabricius, 1794)
Rhamphomyia gufitar Frey, 1922
Rhamphomyia maculipennis Zetterstedt, 1842
 = *tephraea* misid.

- = *poissoni* misid.
Rhamphomyia nodipes (Fallén, 1816)
 = *spissirostris* (Fallén, 1816)
Rhamphomyia paradoxa Wahlberg, 1844
sg. *Pararhamphomyia* Frey, 1922
Rhamphomyia albidiventris Strobl, 1898
 = *woldstedti* Frey, 1913
Rhamphomyia albipennis (Fallén, 1816)
Rhamphomyia albitarsis Collin, 1926
Rhamphomyia albissima Frey, 1913
Rhamphomyia alpina Zetterstedt, 1838
Rhamphomyia amoena Loew, 1840
Rhamphomyia angulifera Frey, 1913
Rhamphomyia breviventris Frey, 1913
Rhamphomyia caesia Meigen, 1822
 = *filata* Zetterstedt, 1842
Rhamphomyia caudata Zetterstedt, 1838
 = *aethiops* Zetterstedt, 1838
Rhamphomyia chibinensis Frey, 1922
Rhamphomyia cribrata Oldenberg, 1927
Rhamphomyia curvula Frey, 1913
Rhamphomyia dentata Oldenberg, 1910
Rhamphomyia fascipennis Zetterstedt, 1838
Rhamphomyia filicaudula Frey, 1949
Rhamphomyia fuscipennis Zetterstedt, 1838
Rhamphomyia fuscula Zetterstedt, 1838
Rhamphomyia geniculata Meigen, 1830
 = *plumipes* auct. nec (Meigen, 1804)
Rhamphomyia griseola (Zetterstedt, 1838)
 = *dispar* Zetterstedt, 1838
 = *aperta* Zetterstedt, 1859
Rhamphomyia helleni Frey, 1922
Rhamphomyia lividiventris Zetterstedt, 1838
Rhamphomyia longestylata Frey, 1916
 = *caudata* auct. nec Zetterstedt, 1838
Rhamphomyia lucidula Zetterstedt, 1842
Rhamphomyia marginata (Fabricius, 1787)
Rhamphomyia modesta Wahlberg, 1844
Rhamphomyia murina Collin, 1926
Rhamphomyia niveipennis Zetterstedt, 1838
Rhamphomyia obscura Zetterstedt, 1838
Rhamphomyia obscuripennis Meigen, 1830
 = *nitidicollis* Frey, 1913

- Rhamphomyia physoprocta* Frey, 1913
Rhamphomyia pilifer Meigen, 1838
= *dentipes* Zetterstedt, 1842
= *glaucella* Zetterstedt, 1842
= *intermedia* Frey, 1922
Rhamphomyia plumifera Zetterstedt, 1838
Rhamphomyia poplitea Wahlberg, 1844
Rhamphomyia praestans Frey, 1913
Rhamphomyia pusilla Zetterstedt, 1838
Rhamphomyia rufipes Zetterstedt, 1838
= *lapponica* Frey, 1955
Rhamphomyia simplex Zetterstedt, 1849
Rhamphomyia subglaucella Frey, 1922
Rhamphomyia tibiella Zetterstedt, 1842
Rhamphomyia tipularia (Fallén, 1816)
Rhamphomyia unguiculata Frey, 1913
Rhamphomyia sp. aff. *albipennis*
sg. *Rhamphomyia* Meigen, 1822
Rhamphomyia albosegmentata Zetterstedt, 1838
Rhamphomyia cinerascens (Meigen, 1804)
Rhamphomyia coracina Zetterstedt, 1849
Rhamphomyia dorsata Becker, 1915
= *phanerostigma* Frey, 1918
Rhamphomyia hambergi Frey, 1916
Rhamphomyia ignobilis Zetterstedt, 1859
= *attenuata* Frey, 1913
Rhamphomyia laevipes (Fallén, 1816)
= *tephraea* Meigen, 1822
Rhamphomyia latifrons Frey, 1913
Rhamphomyia morio Zetterstedt, 1838
Rhamphomyia nitidula Zetterstedt, 1842
Rhamphomyia palmeni Frey, 1913
Rhamphomyia plumipes (Meigen, 1804)
= *vespertilio* Zetterstedt, 1842
Rhamphomyia reflexa Zetterstedt, 1838
Rhamphomyia spinipes (Fallén, 1816)
Rhamphomyia stigmosa Macquart, 1827
= *conformis* auct. nec Kowarz, 1867
Rhamphomyia sulcata (Meigen, 1804)
= *tibialis* auct. nec Meigen, 1822
Rhamphomyia trilineata Zetterstedt, 1859
= *sulcatina* Collin, 1926
= *tibialis* auct. nec Meigen, 1822

- = *propinqua* misid.
Rhamphomyia vesiculosa (Fallén, 1816)
 Hilarini Collin, 1961
HILARA Meigen, 1822
Hilara abdominalis Zetterstedt, 1838
 = *obscuritarsis* Zetterstedt, 1859
Hilara albitarsis von Roser, 1840
Hilara anglodanica Lundbeck, 1913
Hilara barbipes Frey, 1908
Hilara beckeri Strobl, 1892
Hilara biseta Collin, 1927
Hilara bistriata Zetterstedt, 1842
Hilara brevistyla Collin, 1927
Hilara campinosensis Niesiolowski, 1986
Hilara canescens Zetterstedt, 1849
Hilara chorica (Fallén, 1816)
Hilara clavipes (Harris, 1776)
 = *spinimana* Zetterstedt, 1838
Hilara clypeata Meigen, 1822
Hilara coracina Oldenberg, 1916
 = *quadrifaria* Strobl, 1892
Hilara cornicula Loew, 1873
Hilara discoidalis Lundbeck, 1910
Hilara diversipes Strobl, 1892
 = *germanica* Engel, 1941
Hilara eviana Straka, 1976
Hilara femorella Zetterstedt, 1842
Hilara gallica (Meigen, 1804)
Hilara griseola Zetterstedt, 1838
Hilara hirta Strobl, 1892
 = *hirtella* misid.
Hilara hybrida Collin, 1961
Hilara hyposeta Straka, 1976
Hilara implicata Collin, 1927
Hilara intermedia (Fallén, 1816)
 = *pubipes* Loew, 1873
Hilara interstincta (Fallén, 1816)
Hilara monedula Collin, 1927
 = *longifurca* auct. nec Strobl, 1892
Hilara lapponica Chvála, 2002
Hilara litorea (Fallén, 1816)
Hilara longivittata Zetterstedt, 1842
Hilara lurida (Fallén, 1816)

- Hilara nigritarsis* Zetterstedt, 1838
 = *infans* Zetterstedt, 1842
Hilara nitidula Zetterstedt, 1838
Hilara pilipes Zetterstedt, 1838
Hilara pseudochorica Strobl, 1892
Hilara pulchripes Frey, 1913
Hilara quadrifasciata Chvála, 2002
 = *quadrivittata* auct. nec Meigen, 1822
Hilara sturmii Meigen, 1822
 = *cingulata* misid.
Hilara submaura Collin, 1927
Hilara tanythrix Frey, 1913
Hilara tenuinervis Zetterstedt, 1838
Hilara woodiella Chvála, 1999
 CLINOCERINAE Collin, 1928
CLINOCERA Meigen, 1803
Clinocera appendiculata (Zetterstedt, 1838)
 = *simplicinervis* Frey, 1913
Clinocera aucta (Zetterstedt, 1849)
Clinocera nivalis (Zetterstedt, 1838)
Clinocera stagnalis (Haliday, 1833)
Clinocera wesmaeli (Macquart, 1835)
DOLICHOCEPHALA Macquart, 1823
Dolichocephala guttata (Haliday, 1833)
Dolichocephala irrorata (Fallén, 1815)
Dolichocephala thomasi Wagner, 1983
 = *ocellata* misid.
WIEDEMANNIA Zetterstedt, 1838
sg. Eucelidia Mik, 1881
Wiedemannia zetterstedti (Fallén, 1826)
sg. Philolutra Mik, 1881
Wiedemannia bohemani (Zetterstedt, 1838)
Wiedemannia simplex (Loew, 1862)
 = *fallaciosa* auct. nec Loew, 1873
sg. Wiedemannia Zetterstedt, 1838
Wiedemannia bistigma (Curtis, 1834)
 Uncertain subfamily position within Empididae (*incertae sedis*)
HORMOPEZA Zetterstedt, 1838
Hormopeza copulifera Melander, 1927
Hormopeza obliterateda Zetterstedt, 1838
RAGAS Walker, 1837
Ragas unica Walker, 1837

ATELESTIDAE Hennig, 1970

ATELESTINAE Hennig, 1970

ATELESTUS Walker, 1837

Atelestus pulicarius (Fallén, 1816)

MEGHYPERUS Loew, 1850

Meghyperus sudeticus Loew, 1850

HYBOTIDAE Meigen, 1820

TRICHININAE Chvála, 1983

TRICHINA Meigen, 1830

Trichina bilobata Collin, 1926

Trichina clavipes Meigen, 1830

Trichina elongata Haliday, 1833

Trichina opaca Loew, 1864

= *picipes* Tuomikoski, 1935

Trichina pallipes (Zetterstedt, 1838)

TRICHINOMYIA Tuomikoski, 1959

Trichinomyia flavipes (Meigen, 1830)

Trichinomyia fuscipes (Zetterstedt, 1838)

OCYDROMIINAE Schiner, 1862

Ocydromiini Schiner, 1862

CHVALAEA Papp & Földvári, 2001

Chvalaea sopiana Papp & Földvári, 2001

LEPTODROMIELLA Tuomikoski, 1936

*Leptodromiella crassiset*a Tuomikoski, 1936

LEPTOPEZA Macquart, 1834

Leptopeza borealis Zetterstedt, 1842

Leptopeza flavipes (Meigen, 1820)

OCYDROMIA Meigen, 1820

Ocydromia glabricula (Fallén, 1816)

Ocydromia melanopleura Loew, 1840

OEDALEINAE Chvála, 1983

ALLANTHALIA Melander, 1927

Allanthalia pallida (Zetterstedt, 1838)

ANTHALIA Zetterstedt, 1838

Anthalia schoenherri Zetterstedt, 1838

EUTHYNEURA Macquart, 1836

Euthyneura albipennis (Zetterstedt, 1842)

Euthyneura gyllenhali (Zetterstedt, 1838)

Euthyneura myrtilli Macquart, 1836

= *myricae* Haliday, 1851 misid.

OEDALEA Meigen, 1820

- Oedalea freyi* Chvála, 1983
Oedalea holmgreni Zetterstedt, 1852
Oedalea hybotina (Fallén, 1816)
Oedalea stigmatella Zetterstedt, 1842
Oedalea tibialis Macquart, 1827
Oedalea zetterstedti Collin, 1926
 TACHYDROMIINAE Meigen, 1822
 Symballophthalmini Sinclair & Cumming, 2006
SYMBALLOPHTHALMUS Mecker, 1889
Symballophthalmus dissimilis (Fallén, 1815)
Symballophthalmus fuscitarsis (Zetterstedt, 1859)
 = *scapularis* Collin, 1961
 Tachydromiini Meigen, 1822
PLATYPALPUS Macquart, 1827
Platypalpus agilis (Meigen, 1822)
Platypalpus albicornis (Zetterstedt, 1842)
Platypalpus albisetia (Panzer, 1806)
Platypalpus albocapillatus (Fallén, 1815)
Platypalpus alpinus Chvála, 1971
Platypalpus alter (Collin, 1961)
Platypalpus annulatus (Fallén, 1815)
 = *fulvipes* (Meigen, 1822)
Platypalpus annulipes (Meigen, 1822)
Platypalpus articulatooides (Frey, 1918)
 ? *Platypalpus articulatus* Macquart, 1827
Platypalpus ater (Wahlberg, 1844)
 = *atra* misspelling
Platypalpus boreoalpinus Frey, 1943
Platypalpus brachystylus (Bezzi, 1892)
 = *brunneitibia* (Strobl, 1899)
Platypalpus brevicornis (Zetterstedt, 1842)
Platypalpus calceatus (Meigen, 1822)
Platypalpus candicans (Fallén, 1815)
Platypalpus ciliaris (Fallén, 1816)
Platypalpus confiformis Chvála, 1971
Platypalpus confinis (Zetterstedt, 1842)
Platypalpus cothurnatus Macquart, 1827
Platypalpus cryptospina (Frey, 1909)
 = *tantulus* (Collin, 1961)
Platypalpus cursitans (Fabricius, 1775)
 = *bicolor* (Meigen, 1804)
Platypalpus ecalceatus (Zetterstedt, 1838)
Platypalpus excavatus Yang & Yao, 2007

- = *excisus* (Becker, 1907) preocc.
Platypalpus exilis (Meigen, 1822)
Platypalpus fenestella Kovalev, 1971
Platypalpus flavicornis (Meigen, 1822)
Platypalpus fuscicornis (Zetterstedt, 1842)
Platypalpus hackmani Chvála, 1972
Platypalpus infectus (Collin, 1926)
Platypalpus interstinctus (Collin, 1926)
Platypalpus laestadianorum (Frey, 1913)
Platypalpus lapponicus Frey, 1943
Platypalpus longicornis (Meigen, 1822)
Platypalpus longiseta (Zetterstedt, 1842)
 = *extricatus* (Collin, 1926)
Platypalpus luteicornis (Meigen, 1838)
 = *difficilis* (Frey, 1907)
 = *interjectus* (Lundbeck, 1910)
Platypalpus luteus (Meigen, 1804)
Platypalpus maculus (Zetterstedt, 1842)
Platypalpus maculimanus (Zetterstedt, 1842)
 = *articulatus* auct. nec Macquart, 1827
Platypalpus maculipes (Meigen, 1822)
Platypalpus major (Zetterstedt, 1842)
Platypalpus melancholicus (Collin, 1961)
Platypalpus minutus (Meigen, 1804)
Platypalpus nigricoxa (Mik, 1884)
Platypalpus nigratarsis (Fallén, 1816)
Platypalpus nigrosetosus (Strobl, 1893)
Platypalpus nonstriatus Strobl, 1901
Platypalpus notatus (Meigen, 1822)
Platypalpus pallidicornis (Collin, 1926)
Platypalpus pallidicoxa (Frey, 1913)
Platypalpus pallidiventris (Meigen, 1822)
 = *flavipes* (Fabricius, 1794)
Platypalpus pallipes (Fallén, 1815)
Platypalpus pectoralis (Fallén, 1815)
Platypalpus pseudofulvipes (Frey, 1909)
 = *coarctatus* (Collin, 1926)
Platypalpus pseudorapidus Kovalev, 1971
Platypalpus pulicarius (Meigen, 1830)
Platypalpus rapidus (Meigen, 1822)
Platypalpus sahlbergi (Frey, 1909)
Platypalpus scandinavicus Chvála, 1972
Platypalpus sordidus (Zetterstedt, 1838)

- Platypalpus stabilis* (Collin, 1961)
Platypalpus stackelbergi Kovalev, 1971
Platypalpus stigmatellus (Zetterstedt, 1842)
Platypalpus strigifrons (Zetterstedt, 1849)
Platypalpus subbrevis (Frey, 1913)
Platypalpus subtilis (Collin, 1926)
Platypalpus sylvicola (Collin, 1926)
Platypalpus tuomikoskii Chvála, 1972
Platypalpus unguiculatus (Zetterstedt, 1838)
Platypalpus verralli (Collin, 1926)
Platypalpus vividus (Meigen, 1838)
 = *albisetoides* Chvála, 1973
Platypalpus zetterstedti Chvála, 1971
TACHYDROMIA Meigen, 1803
Tachydromia aemula (Loew, 1864)
Tachydromia arrogans (Linnaeus, 1761)
Tachydromia connexa Meigen, 1822
Tachydromia incompleta (Becker, 1900)
Tachydromia lundstroemi (Frey, 1913)
Tachydromia morio (Zetterstedt, 1838)
Tachydromia punctifera (Becker, 1900)
Tachydromia sabulosa Meigen, 1830
Tachydromia terricola Zetterstedt, 1819
Tachydromia umbrarum Haliday, 1833
TACHYPEZA Meigen, 1830
Tachypeza fennica Tuomikoski, 1932
Tachypeza fuscipennis (Fallén, 1815)
Tachypeza heeri (Zetterstedt, 1838)
Tachypeza nubila (Meigen, 1804)
Tachypeza truncorum (Fallén, 1815)
Tachypeza winthemi (Zetterstedt, 1838)
Drapetini Collin, 1961
CHERSODROMIA Haliday, 1851
Chersodromia arenaria (Haliday, 1833)
Chersodromia cursitans (Zetterstedt, 1819)
CROSSOPALPUS Bigot, 1857
Crossopalpus curvinervis (Zetterstedt, 1842)
Crossopalpus curvipes (Meigen, 1822)
Crossopalpus humilis (Frey, 1913)
Crossopalpus nigritellus (Zetterstedt, 1842)
Crossopalpus setiger (Loew, 1859)
DRAPETIS Meigen, 1822
Drapetis arcuata Loew, 1859

- Drapetis assimilis* (Fallén, 1815)
Drapetis exilis Meigen, 1822
Drapetis infitialis Collin, 1961
Drapetis ingrlica Kovalev, 1972
Drapetis parilis Collin, 1926
Drapetis pusilla Loew, 1859
Drapetis simulans Collin, 1961
Elaphropeza Macquart, 1827
Elaphropeza ephippiata (Fallén, 1815)
STILPON Loew, 1859
Stilpon graminum (Fallén, 1815)
 HYBOTINAE Meigen, 1820
 Bicellariini Sinclair & Cumming, 2006
BICELLARIA Macquart, 1823
 = *Cyrtoma* Meigen, 1824
Bicellaria austriaca Tuomikoski, 1955
Bicellaria intermedia Lundbeck, 1910
Bicellaria nigra (Meigen, 1824)
Bicellaria pilosa Lundbeck, 1910
Bicellaria simplicipes (Zetterstedt, 1842)
Bicellaria spuria (Fallén, 1816)
Bicellaria subpilosa Collin, 1926
Bicellaria sulcata (Zetterstedt, 1842)
Bicellaria uvens Melander, 1928
 = *bisetosa* Tuomikoski, 1936
 Hybotini Meigen, 1820
HYBOS Meigen, 1803
Hybos culiciformis (Fabricius, 1775)
Hybos femoratus (Müller, 1776)
 = *femoralis* misspelling
Hybos grossipes (Linnaeus, 1767)
SYNDYAS Loew, 1857
Syndyas nigripes (Zetterstedt, 1842)
- BRACHYSTOMATIDAE** Melander, 1908
 TRICHOPEZINAE Vaillant, 1981
GLOMA Meigen, 1822
Gloma fuscipennis Meigen, 1822
HELEODROMIA Haliday, 1833
 sg. *Heleodromia* Haliday, 1833
Heleodromia immaculata Haliday, 1833
TRICHOPEZA Rondani, 1856
Trichopeza albocincta (Boheman, 1863)

= *albicincta* Frey, 1913

Trichopeza longicornis (Meigen, 1822)

DOLICHOPODIDAE Latreille, 1809

MICROPHORINAE Collin, 1960

MICROPHOR Macquart, 1827

= *Microphorus* misspelling

Microphor anomalus (Meigen, 1824)

Microphor crassipes Macquart, 1827

Microphor holosericeus (Meigen, 1804)

= *velutinus* Macquart, 1827

PARATHALASSIINAE Chvála, 1981

MICROPHORELLA Becker, 1909

Microphorella praecox (Loew, 1864)

DOLICHOPODINAE Latreille, 1809

DOLICHOPUS Latreille, 1796

= *Hygroceleuthus* Loew, 1857

sg. Dolichopus Latreille, 1796

Dolichopus acuticornis Wiedemann, 1817

Dolichopus annulitarsis Ringdahl, 1920

Dolichopus apicalis Zetterstedt, 1849

Dolichopus argyrotarsis Wahlberg, 1850

Dolichopus armillatus Wahlberg, 1850

= *stenhammari* var. b Zetterstedt, 1843

Dolichopus atripes Meigen, 1824

Dolichopus austriacus Parent, 1927

Dolichopus bonsdorffi Frey, 1915

Dolichopus brevipennis Meigen, 1824

Dolichopus caligatus Wahlberg, 1850

= *flavipes* misid.

= *albifrons* misid.

Dolichopus calinotus Loew, 1871

Dolichopus campestris Meigen, 1824

Dolichopus cilifemoratus Macquart, 1827

= *pseudocilifemoratus* Stackelberg, 1930

Dolichopus cinctipes Wahlberg, 1850

Dolichopus claviger Stannius, 1831

Dolichopus clavipes Haliday, 1832

Dolichopus costalis Frey, 1915

Dolichopus discifer Stannius, 1831

?= *nigricornis* Meigen, 1824

Dolichopus discimanus Wahlberg, 1851

Dolichopus fraterculus Zetterstedt, 1843

- Dolichopus griseipennis* Stannius, 1831
Dolichopus gubernator Mik, 1878
Dolichopus hilaris Loew, 1862
Dolichopus lancearius Hedström, 1966
Dolichopus latilimbatus Macquart, 1827
Dolichopus latipennis Fallén, 1823
Dolichopus lepidus Staeger, 1842
 = *cruralis* Wahlberg, 1850
 = *lapponicus* Becker, 1917
Dolichopus linearis Meigen, 1824
Dolichopus lineatocornis Zetterstedt, 1843
Dolichopus longicornis Stannius, 1831
Dolichopus longitarsis Stannius, 1831
Dolichopus maculipennis Zetterstedt, 1843
Dolichopus mannerheimi Zetterstedt, 1838
Dolichopus migrans Zetterstedt, 1843
Dolichopus nigripes Fallén, 1823
Dolichopus nitidus Fallén, 1823
Dolichopus notatus Staeger, 1842
 = *notabilis* Zetterstedt, 1843
Dolichopus nubilus Meigen, 1824
Dolichopus pennatus Meigen, 1824
Dolichopus picipes Meigen, 1824
 = *consimilis* Wahlberg, 1850
Dolichopus planitarsis Fallén, 1823
Dolichopus plumipes (Scopoli, 1763)
 = *parvicaudatus* Zetterstedt, 1843
 = *pectinitarsis* Stenhammar, 1851
Dolichopus popularis Wiedemann, 1817
Dolichopus pseudomigrans Ringdahl, 1928
Dolichopus punctum Meigen, 1824
Dolichopus remipes Wahlberg, 1839
Dolichopus rupestris Haliday, 1833
Dolichopus ruthei Loew, 1847
Dolichopus sabinus Haliday, 1838
Dolichopus setiger Negrobov, 1973
Dolichopus signatus Meigen, 1824
Dolichopus signifer Haliday, 1832
Dolichopus simplex Meigen, 1824
Dolichopus stenhammari Zetterstedt, 1843
 = *annulipes* Zetterstedt, 1838 invalidated
Dolichopus subpennatus d'Assis-Fonseca, 1976
Dolichopus trivialis Haliday, 1832

= *cilifemoratus* auct. nec Macquart, 1827

Dolichopus unguulatus (Linnaeus, 1758)

Dolichopus urbanus Meigen, 1824

Dolichopus vitripennis Meigen, 1824

Dolichopus wahlbergi Zetterstedt, 1843

Dolichopus zetterstedti Stenhammar, 1852

sg. *Macrodolichopus* Stackelberg, 1933

Dolichopus diadema Haliday, 1832

ETHIROMYIA Brooks, 2005

Ethiomyia chalybeus (Wiedemann, 1817)

GYMNOPTERNUS Loew, 1857

Gymnopternus aerosus (Fallén, 1823)

Gymnopternus angustifrons (Staeger, 1842)

Gymnopternus brevicornis (Staeger, 1842)

Gymnopternus celer (Meigen, 1824)

Gymnopternus metallicus (Stannius, 1831)

HERCOSTOMUS Loew, 1857

Hercostomus germanus (Wiedemann, 1817)

Hercostomus nigrilamellatus (Macquart, 1827)

Hercostomus nigriplantis (Stannius, 1831)

Hercostomus sahlbergi (Zetterstedt, 1838)

SYBISTROMA Meigen, 1824

Sybistroma discipes (Germar, 1817)

Sybistroma obscurellum (Fallén, 1823)

TACHYTRECHUS Haliday, 1851

= *Ammobates* Stannius, 18312 preocc.

Tachytrechus ammobates (Haliday, 1851)

= *plumipes* (Fallén, 1823) preocc.

Tachytrechus hamatus Loew, 1871

Tachytrechus notatus (Stannius, 1831)

SCIAPODINAE Becker, 1917

SCIAPUS Zeller, 1842

= *Sciopus* misspelling

Sciapus albifrons (Meigen, 1830)

Sciapus basilicus Meuffels & Grootaert, 1990

Sciapus lobipes (Meigen, 1824)

Sciapus longulus (Fallén, 1823)

Sciapus maritimus Becker, 1918

= *flavomaculatus* Ringdahl, 1949

Sciapus platypterus (Fabricius, 1805)

Sciapus wiedemanni (Fallén, 1823)

Sciapus zonatululus (Zetterstedt, 1843)

= *contristans* misid.

SYMPYCNINAE Aldrich, 1905

CAMPSICNEMUS Haliday, 1851= *Ectomus* Mik, 1878*Campsicnemus alpinus* (Haliday, 1833)*Campsicnemus armatus* (Zetterstedt, 1849)*Campsicnemus articulatus* (Zetterstedt, 1843)= *pilosellus* (Zetterstedt, 1843)= *dasyncnemus* Loew, 1857*Campsicnemus compeditus* Loew, 1857*Campsicnemus curvipes* (Fallén, 1823)*Campsicnemus femoratus* Ringdahl, 1949*Campsicnemus loripes* (Haliday, 1832)*Campsicnemus lumbatus* Loew, 1857*Campsicnemus marginatus* Loew, 1857*Campsicnemus paradoxus* (Wahlberg, 1844)*Campsicnemus picticornis* (Zetterstedt, 1843)*Campsicnemus pumilio* (Zetterstedt, 1843)= *pectinulatus* Loew, 1864*Campsicnemus pusillus* (Meigen, 1824)*Campsicnemus scambus* (Fallén, 1823)**LAMPROCHROMUS** Mik, 1878*Lamprochromus strobli* Parent, 1925**SYMPYCNUS** Loew, 1857*Sympycnus aeneicoxa* (Meigen, 1824)*Sympycnus pulicarius* (Fallén, 1823)?= *annulipes* (Meigen, 1824)?= *desoutteri* Parent, 1925**SYNTORMON** Loew, 1857= *Bathycranium* Strobl, 1892*Syntormon bicolorellus* (Zetterstedt, 1843)*Syntormon filiger* Verrall, 1912= *rufipes* misid.= *simplicipes* Frey, 1915*Syntormon freymuthae* Loew, 1873= *S. denticulatus* misid.*Syntormon metathesis* (Loew, 1850)*Syntormon pallipes* (Fabricius, 1794)*Syntormon pumilus* (Meigen, 1824)*Syntormon tarsatus* (Fallén, 1823)= *aulicus* misid.**TELMATURGUS** Mik, 1874*Telmaturgus tumidulus* (Raddatz, 1873)**TEUCHOPHORUS** Loew, 1857

= **Teucophorus** misspelling

Teuchophorus monacanthus Loew, 1859

Teuchophorus nigricosta (von Roser, 1840)

= *pectinifer* Kowarz, 1868

= *signatus* Zetterstedt, 1849

Teuchophorus spinigerellus (Zetterstedt, 1843)

DIAPHORINAE Schiner, 1864

ARGYRA Macquart, 1834

= **Leucostola** Loew, 1857

Argyra argentina (Meigen, 1824)

Argyra argyria (Meigen, 1824)

Argyra auricollis (Meigen, 1824)

Argyra diaphana (Fabricius, 1775)

Argyra elongata (Zetterstedt, 1843)

Argyra ilonae Geoffries, 1989

= *confinis* (Zetterstedt, 1849) preocc.

Argyra leucocephala (Meigen, 1824)

Argyra magnicornis (Zetterstedt, 1838)

Argyra setulipes Becker, 1918

Argyra setimana Loew, 1859

= *subarctica* misid.

Argyra spoliata Kowarz, 1879

Argyra vestita (Wiedemann, 1817)

ASYNDETUS Loew, 1869

Asyndetus latifrons (Loew, 1857)

CHRYSOTUS Meigen, 1824

Chrysotus angulicornis Kowarz, 1874

Chrysotus cilipes Meigen, 1824

Chrysotus cupreus (Macquart, 1827)

Chrysotus femoratus Zetterstedt, 1843

Chrysotus gramineus (Fallén, 1823)

= *microcerus* Kowarz, 1874

= *varians* Kowarz, 1874

Chrysotus laesus (Wiedemann, 1817)

= *amplicornis* Zetterstedt, 1849

Chrysotus neglectus (Wiedemann, 1817)

Chrysotus obscuripes Zetterstedt, 1838

= *kowarzi* Lundbeck, 1912

Chrysotus pulchellus Kowarz, 1874

Chrysotus suavis Loew, 1857

DIAPHORUS Meigen, 1824

Diaphorus hoffmannseggii Meigen, 1830

Diaphorus nigricans Meigen, 1824

Diaphorus oculatus (Fallén, 1823)

MELANOSTOLUS Kowarz, 1884

Melanostolus melancholicus (Loew, 1869)

MEDETERINAE Lioy, 1864

DOLICHOPHORUS Lichtward, 1902

Dolichophorus kerteszi Lichtward, 1902

MEDETERA Fischer von Waldheim, 1819

Medetera abstrusa Thuneberg, 1955

Medetera acanthura Negrobov & Thuneberg, 1970

Medetera adjaniae Gosseries, 1989

= *brevisetata* Parent, 1927 preocc.

Medetera ambigua (Zetterstedt, 1843)

Medetera apicalis (Zetterstedt, 1843)

Medetera belgica Parent, 1936 *sensu* Negrobov & Stackelberg, 1972

Medetera betulae Ringdahl, 1949

Medetera borealis Thuneberg, 1955

Medetera cuspidata Collin, 1941

Medetera dichrocera Kowarz, 1877

Medetera excellens Frey, 1909

Medetera fasciata Frey, 1915

Medetera freyi Thuneberg, 1955

Medetera fumida Negrobov, 1967

Medetera impigra Collin, 1941

Medetera incrassata Frey, 1909

Medetera infumata Loew, 1857

Medetera inspissata Collin, 1952

Medetera jacula (Fallén, 1823)

Medetera jugalis Collin, 1941

Medetera melancholica Lundbeck, 1912

Medetera muralis Meigen, 1824

Medetera nitida (Macquart, 1834)

= *stackelbergi* Parent, 1927

Medetera obscura (Zetterstedt, 1838)

Medetera pallipes (Zetterstedt, 1843)

Medetera parenti Stackelberg, 1925

= *collini* Thuneberg, 1955

Medetera pinicola Kowarz, 1877

= *nuortevai* Thuneberg, 1955

Medetera plumbella Meigen, 1824

Medetera prjachinae Negrobov & Stackelberg, 1974

Medetera protuberans Negrobov, 1967

Medetera pseudoapicalis Thuneberg, 1955

Medetera seguyi Parent, 1926

Medetera senicula Kowarz, 1877

Medetera setiventris Thuneberg, 1955

Medetera signaticornis Loew, 1857

Medetera striata Parent, 1927

Medetera tristis (Zetterstedt, 1838)

Medetera vagans Becker, 1917

= *fennica* Thuneberg, 1955

Medetera veles Loew, 1861

= *bilineata* Frey, 1915

Medetera zinovjevi Negrobov, 1967

SYSTEMUS Loew, 1857

Systemus bipartitus (Loew, 1850)

Systemus pallipes (von Roser, 1840)

= *adpropinquus* (Loew, 1857)

Systemus scholtzi (Loew, 1850)

THRYPTICUS Gerstäcker, 1864

Thrypticus atomus Frey, 1915

Thrypticus bellus Loew, 1869

Thrypticus cuneatus (Becker, 1917)

Thrypticus divisus Strobl, 1880

= *fennicus* Becker, 1917

Thrypticus intercedens Negrobov, 1967

Thrypticus laetus Verrall, 1912

Thrypticus nigricauda Wood, 1913

Thrypticus pollinosus Verrall, 1912

Thrypticus pruinosus Parent, 1932

Thrypticus smaragdinus Gerstäcker, 1864

Thrypticus tarsalis Parent, 1932

Thrypticus sp. A

HYDROPHORINAE Lioy, 1864

HYDROPHORUS Fallén, 1823

Hydrophorus albiceps Frey, 1915

Hydrophorus alpinus Wahlberg, 1844

Hydrophorus altivagus Aldrich, 1911

= *wahlgreni* Frey, 1915

Hydrophorus bipunctatus (Lehmann, 1822)

Hydrophorus borealis Loew, 1857

Hydrophorus brunnicosus Loew, 1857

Hydrophorus callosoma Frey, 1915

= *albesignatus* Ringdahl, 1919

Hydrophorus freyi Storå, 1954

Hydrophorus geminus Frey, 1915

Hydrophorus litoreus Fallén, 1823

- Hydrophorus nebulosus* Fallén, 1823
Hydrophorus norvegicus Ringdahl, 1928
Hydrophorus pectinatus Gerstäcker, 1864
 = *forcipatus* Frey, 1915
Hydrophorus pilipes Frey, 1915
Hydrophorus praecox (Lehmann, 1822)
Hydrophorus rufibarbis Gerstäcker, 1864
 = *micans* Frey, 1915
Hydrophorus signiferus Coquillett, 1899
 = *magnicornis* Frey, 1915
Hydrophorus viridis (Meigen, 1824)
LIANCALUS Loew, 1857
Liancalus virens (Scopoli, 1763)
PEODES Loew, 1857
Peodes petsamoensis Frey, 1930
SCELLUS Loew, 1857
Scellus spinimanus (Zetterstedt, 1843)
THINOPHILUS Wahlberg, 1844
sg. *Thinophilus* Wahlberg, 1844
Thinophilus flavipalpis (Zetterstedt, 1843)
Thinophilus ruficornis (Haliday, 1838)
 NEURIGONINAE Aldrich, 1905
NEURIGONA Rondani, 1856
Neurigona abdominalis (Fallén, 1823)
Neurigona pallida (Fallén, 1823)
Neurigona quadrifasciata (Fabricius, 1781)
Neurigona suturalis (Fallén, 1823)
Neurigona sp. A
 RHAPHIINAE Bigot, 1852
RHAPHIUM Meigen, 1803
 = *Xiphandrium* Loew, 1857
 = *Porphyrops* auctt.
Rhaphium albifrons (Zetterstedt, 1843)
Rhaphium appendiculatum (Zetterstedt, 1849)
 = *macrocerum* auct. nec Meigen, 1824
Rhaphium basale Loew, 1850
Rhaphium caliginosum Meigen, 1824
 = *zetterstedti* (Parent, 1925)
Rhaphium commune (Meigen, 1824)
 = *spinicoxa* Loew, 1850
Rhaphium confine Zetterstedt, 1843
Rhaphium crassipes (Meigen, 1824)
Rhaphium discolor Zetterstedt, 1838

- = *consobrinum* Zetterstedt, 1843
- = *riparium* auct. nec (Meigen, 1824: 53)
- Rhaphium elegantulum* (Meigen, 1824)
- Rhaphium fasciatum* Meigen, 1824
- Rhaphium fascipes* (Meigen, 1824)
- Rhaphium fissum* Loew, 1850
- Rhaphium glaciale* (Ringdahl, 1920)
- Rhaphium holmgreni* (Mik, 1878)
 - = *luteipenne* (Frey, 1915)
- Rhaphium lanceolatum* Loew, 1850
 - = *caliginosum* auct. nec Meigen, 1824
- Rhaphium laticorne* (Fallén, 1823)
 - = *nemorum* Meigen, 1830
- Rhaphium latimanum* Kahanpää, 2007
- Rhaphium longicorne* (Fallén, 1823)
- Rhaphium micans* (Meigen, 1824)
- Rhaphium monotrichum* Loew, 1850
 - = *auctum* misid.
- Rhaphium nasutum* (Fallén, 1823)
- Rhaphium nigribarbatum* (Becker, 1900)
- Rhaphium patulum* (Raddatz, 1873)
 - = *antennatum* misid.
- Rhaphium penicillatum* Loew, 1850
- Rhaphium riparium* (Meigen, 1824)
 - = *praerosum* Loew, 1850
- Rhaphium rivale* (Loew, 1869)
- Rhaphium tridactylum* (Frey, 1915)
- Rhaphium umbripenne* (Frey, 1915)
- ACHALCINAE Grootaert & Meuffels, 1997
- ACHALCUS** Haliday, 1857
- Achalculus cinereus* (Haliday, 1851)
- Achalculus flavicollis* (Meigen, 1824)
- Achalculus nigropunctatus* Pollét & Brunhues, 1996
- Achalculus vaillanti* Brunhues, 1987
- PELOROPEODINAE Robinson, 1970
- CHRYSOTIMUS** Loew, 1857
- Chrysotimus molliculus* (Fallén, 1823)
- MICROMORPHUS** Mik, 1878
- Micromorphus claripennis* (Strobl, 1899)
- XANTHOCHLORINAE Aldrich, 1905
- XANTHOCHLORUS** Loew, 1857
- Xanthochlorus ornatus* (Haliday, 1832)
- Xanthochlorus tenellus* (Wiedemann, 1817)

Excluded species

- Chelifera astigma* Collin, 1927 misidentified
Chrysotus arcticus Frey, 1915 not found within present borders
Chrysotus longipalpus Aldrich, 1896 imported
 = *pallidipalpus* van Duzee, 1933
Chrysotus ringdahli Parent, 1929 not found within present borders
Clinocera nigra Meigen, 1804 misidentified
Crossopalpus abditus Kovalev, 1972 not found within present borders
Dolichopus angustipennis Kertesz, 1901 not found within present borders
 = *adustus* Frey, 1915
Dolichopus grandicornis Wahlberg, 1850 not found within present borders
Dolichopus mediicornis Verrall, 1875 not found within present borders
Dolichopus plumitarsis Fallén, 1823 misidentified
Dolichopus propinquus Zetterstedt, 1852 misidentified
Drapetis incompleta Collin, 1926 misidentified
Empis punctata Meigen, 1804 not found within present borders
Gymnopternus assimilis (Stæger, 1842) misidentified
Hilara flavipes Meigen, 1822 misidentified
Hilara maura (Fabricius, 1776) not found within present borders
Hilara scrobiculata Loew, 1873 misidentified
Hilara tetragramma Loew, 1873 misidentified
Hydrophorus balticus (Meigen, 1824) not found within present borders
Hydrophorus ponojensis Frey, 1915 not found within present borders
Iteaphila furcata (Zetterstedt, 1842) not found within present borders
Medetera annulitarsus von Roser, 1840 misidentified
Medetera glauca Loew, 1869 misidentified
Medetera feminina Negrobov, 1967 misidentified
Medetera truncorum Meigen, 1824 imported
Oedalea flavipes Zetterstedt, 1842 misidentified
Parathalassius krogerusi Frey, 1927 nomen nudum
Rhamphomyia tibialis Meigen, 1822 misidentified
Rhaphium antennatum (Carlier, 1835) misidentified
Rhaphium obscuripes Zetterstedt, 1849 misidentified
Rhaphium suave (Loew, 1859) not found within present borders
Tachytrechus insignis (Stannius, 1831) misidentified
Trichoclinocera lapponica (Ringdahl, 1933) not found within present borders

Notes

Dolichopus caligatus Wahlberg, 1850 was synonymized with *D. flavipes* Stannius, 1831 by Becker (1918) but Collin (1940) reinstated *D. caligatus* as a valid species.

True *D. flavipes* (if it is a valid species) has not been found in Finland but some specimens have been recorded from Northwestern European Russia.

***Dolichopus stenhammari* Zetterstedt, 1843.** Zetterstedt (1838) first described this species as *Dolichopus annulipes*. Later he proposed *D. stenhammari* Zett., 1843 as an (unnecessary) replacement name for the taxon: *Porphyrops annulipes* Meigen, 1824 was recognized in *Dolichopus* at the time, but only as a junior synonym of what is now *Sympycnus pulicarius* (Fallén, 1823) (Zetterstedt 1843). Nonetheless this act means, according to article 59.3 of The Code (ICZN 1999), that *D. annulipes* Zett., 1838 is permanently invalid.

***Hilara pseudochorica* Strobl, 1892.** Erroneously deleted from the Finnish checklist by Kahanpää and Winqvist (2005).

***Iteaphila furcata* (Zetterstedt 1842).** Sinclair and Shamshev (2012) list a specimen from Kuusamo with code label 1546. According to R. Frey's notes this specimen was collected in 1917 from eastern Kuusamo, an area ceded to Russia in 1944.

***Neurigona* sp. A** is probably *N. uralensis* Becker, 1918.

***Platypalpus articulatus* and *P. maculimanus*.** According to Allen (1986) these two names are not synonymous and the species identified as *P. articulatus* Macquart by Chvála (1975, 1989) is in fact *P. maculimanus* (Zett.). Upon re-examination, all Finnish material previously identified as *P. articulatus* belonged to *P. maculimanus* and *P. articulatoides* Frey. It remains unclear whether the real *P. articulatus* occurs in Finland.

***Rhamphomyia* sp. nr. *albipennis*.** An apparently undescribed species near *R. albipennis* (Fallén, 1816) (K. Winqvist & M. Barták, priv. comm.).

***Sympycnus pulicarius* (Fallén, 1823).** Pollet (2004) (Fauna Europaea) treats *S. annulipes* (Meigen, 1824) and *S. desoutteri* Parent, 1925 as valid species and lists *S. pulicarius* (Fallén, 1823) as a synonym of the latter but notes that it might actually be a synonym of *S. annulipes*.

***Thrypticus* sp. A** is probably *T. incanus* Negrobov, 1967 described from the Leningrad Oblast, Russia (Negrobov 1967).

***Trichoclinocera lapponica* (Ringdahl, 1933).** The type locality of this species, "Lappland nära Tjuonajaur", (Ringdahl 1933) is in Sweden, not Finland as stated in Chvála and Wagner (1989).

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