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Checklist of the family Chloropidae (Diptera) of Finland

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Abstract

A checklist of 147 species the Chloropidae (Diptera) recorded from Finland. *Centorisoma elegantulum* Becker is recorded for the first time from Finland.

Keywords

Finland, Chloropidae, species list, biodiversity, faunistics

Introduction

The Chloropidae is a large family of acalyptrate Diptera. It belongs to superfamily Carnoidea with Milichiidae as the closest relative. The classification of the family used follows Andersson (1977) and Nartshuk (1983).

The North European chloropid fauna has recently been revised by Nartshuk and Andersson (2013). Details of Finnish chloropid literature, species distribution and ecology, and other details can be found in their book. In comparison with the neighbouring countries, Finland ranks second in the number of chloropid species after Sweden (189 species) but well ahead of Denmark (119 species) and Norway (97 species). The genera *Gaurax*, *Incertella* and *Rhopalopteron* need more attention as there are several species in these genera known from neighbouring countries but not from Finland.

This checklist is based mostly on museum material in the Finnish Natural History museum (MZH) studied by E. Nartshuk. The Finnish species were last listed in Nartshuk and Andersson (2013).

Number of species:

World: 2880 species (Pape et al. 2011)

Europe: 394 species

Finland: 149–150 species

Faunistic knowledge level in Finland: average

Checklist

suborder Brachycera Macquart, 1834

clade Eremoneura Lameere, 1906

clade Cyclorrhapha Brauer, 1863

infraorder Schizophora Becher, 1882

clade Muscaria Enderlein, 1936

parvorder Acalyptratae Macquart, 1835

superfamily Carnoidea Newman, 1834

CHLOROPIDAE Rondani, 1856

CHLOROPINAE Rondani, 1856

CENTORISOMA Hendel, 1907

Centorisoma elegantulum Becker, 1910 (see Notes)

CETEMA Hendel, 1907

= *Centor* Loew, 1866 preocc.

sg. *Cetema* Hendel, 1907

Cetema cereris (Fallén, 1820)

Cetema elongatum (Meigen, 1830)

Cetema myopinum (Loew, 1866)

Cetema neglectum Tonnoir, 1921

Cetema simile Ismay, 1985

CHLOROPS Meigen, 1803

= *Oscinis* Latreille, 1804

sg. *Chlorops* Meigen, 1803

Chlorops anthracophagoides Strobl, 1900 (see Notes)

Chlorops calceatus Meigen, 1830

Chlorops centromaculatus Duda, 1933

Chlorops geminatus Meigen, 1830

Chlorops gracilis Meigen, 1830

Chlorops hypostigma Meigen, 1830

Chlorops kirigaminensis Kanmiya, 1978

- = *zonulatus* auct. nec Wahlgren, 1913
Chlorops laetus Meigen, 1830
Chlorops meigenii Loew, 1866
 = *rufescens* Oldenberg, 1923
Chlorops nigripalpis (Duda, 1933)
 = *crassipalpis* Smirnov, 1958
Chlorops obscurellus (Zetterstedt, 1838)
 = *brunnipes* auct. nec (Zetterstedt, 1848)
Chlorops palpatus Smirnov, 1959
Chlorops pannonicus Strobl, 1893
Chlorops planifrons (Loew, 1866)
 = *triangularis* Becker, 1910
Chlorops pumilionis (Bjerkander, 1778)
Chlorops ringens Loew, 1866
Chlorops riparius Smirnov, 1958
Chlorops rossicus Smirnov, 1955
Chlorops rufinus (Zetterstedt, 1848)
 = *citrinellus* (Zetterstedt, 1848)
Chlorops scalaris Meigen, 1830
Chlorops scutellaris (Zetterstedt, 1838)
 = *laevicollis* Becker, 1910
 = *freyi* Duda, 1933
Chlorops serenus Loew, 1866
Chlorops speciosus Meigen, 1830
Chlorops troglodytes (Zetterstedt, 1848)
sg. Sclerophallus Beschovski, 1978
Chlorops limbatus Meigen, 1830
 = *brevimanus* Loew, 1866
Chlorops varsoviensis Becker, 1910
CHLOROPSINA Becker, 1911
Chloropsina distinguenda (Frey, 1909)
CRYPTONEVRA Lioy, 1864
Cryptonevra diadema (Meigen, 1830)
Cryptonevra flavitarsis (Meigen, 1830)
DIPLOTOXA Loew, 1863
Diplotoxa messoria (Fallén, 1820)
DIPLOTOXOIDES Andersson, 1977
Diplotoxoides dalmatina (Strobl, 1900)
EPICHLOROPS Becker, 1910
Epichlorops puncticollis (Zetterstedt, 1848)
EUTROPHA Loew, 1866
Eutropha fulvifrons (Haliday, 1833)
Eutropha variegata Loew, 1866

LASIOSINA Becker, 1910*Lasiosina albipila* (Loew, 1866)*Lasiosina brevisurstylata* Dely-Draskovits, 1977*Lasiosina herpini* (Guérin-Méneville, 1843)= *cinctipes* auct. nec (Meigen, 1830)*Lasiosina parvipennis* Duda, 1933**MELANUM** Becker, 1910*Melanum laterale* (Haliday, 1833)**MEROMYZA** Meigen, 1830**sg. *Meromyza*** Meigen, 1830*Meromyza curvinervis* (Zetterstedt, 1848)= *hybrida* Péterfi, 1961*Meromyza elbergi* Fedoseeva, 1979*Meromyza ingrlica* Nartshuk, 1992*Meromyza mosquensis* Fedoseeva, 1960*Meromyza nigriseta* Fedoseeva, 1960*Meromyza nigriventris* Macquart, 1835= *rostrata* Hubicka, 1966*Meromyza ornata* (Wiedemann, 1817)= *sororcula* Fedoseeva, 1962*Meromyza palposa* Fedoseeva, 1960*Meromyza pluriseta* Péterfi, 1961*Meromyza pratorum* Meigen, 1830*Meromyza rohdendorfi* Fedoseeva, 1974*Meromyza saltatrix* (Linnaeus, 1761)*Meromyza sibirica* Fedoseeva, 1961*Meromyza triangulina* Fedoseeva, 1960*Meromyza variegata* Meigen, 1830= *lidiae* Nartshuk, 1992*Meromyza zimzerla* Nartshuk, 1992**NEOHAPLEGIS** Beschovski, 1981*Neohaplegis tarsata* (Fallén, 1820)**PLATYCEPHALA** Fallén, 1820*Platycephala planifrons* (Fabricius, 1798)*Platycephala umbraculata* (Fabricius, 1794)**PSEUDOPACHYCHAETA** Strobl, 1902*Pseudopachychaeta approximatonervis* (Zetterstedt, 1848)*Pseudopachychaeta oscinina* (Fallén, 1813)= *heleocharis* (Nartshuk, 1964)*Pseudopachychaeta ruficeps* (Zetterstedt, 1838)**THAUMATOMYIA** Zenker, 1833*Thaumatomyia glabra* (Meigen, 1830)*Thaumatomyia hallandica* Andersson, 1966

- Thaumatomyia notata* (Meigen, 1830)
Thaumatomyia rufa (Macquart, 1835)
Thaumatomyia trifasciata (Zetterstedt, 1848)
TRICHIEURINA Duda, 1933
Trichieurina pubescens (Meigen, 1830)
OSCINELLINAE Becker, 1910
APHANOTRIGONUM Duda, 1932
Aphanotrigonum cinctellum (Zetterstedt, 1848)
 = *fasciella* (Zetterstedt, 1855)
Aphanotrigonum hungaricum Dely-Draskovits, 1981
Aphanotrigonum nigripes (Zetterstedt, 1848)
Aphanotrigonum trilineatum (Meigen, 1830)
 = *beschovskii* Dely-Draskovits, 1981
ASPISTYLA Duda, 1933
Aspistyla plumiger (Meigen, 1830)
CALAMONCOSIS Enderlein, 1911
sg. Calamoncosis Enderlein, 1911
Calamoncosis aprica (Meigen, 1830)
Calamoncosis duinensis (Strobl, 1909)
Calamoncosis minima (Strobl, 1893)
Calamoncosis oscinella (Becker, 1910)
sg. Rhapsiopyga Nartshuk, 1971
Calamoncosis glyceriae Nartshuk, 1958
COLLINIELLA Nartshuk & Andersson, 2013
Colliniella mejerei (Duda, 1932) (see Notes)
CONIOSCINELLA Duda, 1929
Conioscinella frontella (Fallén, 1820)
Conioscinella gallarum (Duda, 1933)
Conioscinella livida Nartshuk, 1970
Conioscinella mimula Collin, 1946
Conioscinella sordidella (Zetterstedt, 1848)
Conioscinella zetterstedti Andersson, 1966
DICRAEUS Loew, 1873
sg. Dicraeus Loew, 1873
Dicraeus tibialis (Macquart, 1835)
sg. Oedesiella Becker, 1910
Dicraeus fennicus Duda, 1932
Dicraeus rossicus Stackelberg, 1955
sg. Paroedesiella Anonymous in Imperial Institute of Entomology, 1937
Dicraeus nitidus Wahlgren, 1913
 = *napaeus* Collin, 1946
Dicraeus styriacus (Strobl, 1898)
 = *vallaris* Collin, 1946

Dicraeus vagans (Meigen, 1838)

ELACHIPTERA Macquart, 1835

Elachiptera cornuta (Fallén, 1820)

Elachiptera diastema Collin, 1946

Elachiptera scrobiculata (Strobl, 1901)

= *tenuiseta* (Frey, 1947)

Elachiptera tuberculifera (Corti, 1909)

ERIBOLUS Becker, 1910

Eribolus gracilior (de Meijere, 1918)

Eribolus hungaricus Becker, 1910

Eribolus nana (Zetterstedt, 1838)

= *sudeticus* Becker, 1910

Eribolus slesvicensis Becker, 1910

GAMPSOCERA Schiner, 1862

Gampsocera numerata (Heeger, 1858)

GAURAX Loew, 1863

Gaurax borealis (Duda, 1933)

Gaurax dubius (Macquart, 1835)

Gaurax ephippium (Zetterstedt, 1848)

= *strobilum* Karpis, 1981

Gaurax fascipes Becker, 1910

Gaurax macrocerus (Nartshuk, 1962)

Gaurax maculipennis (Zetterstedt, 1848)

HAPLEGINELLA Duda, 1933

Hapleginella laevifrons (Loew, 1858)

INCERTELLA Sabrosky, 1980

Incertella albipalpis (Meigen, 1830)

Incertella kerteszi (Becker, 1910)

Incertella nigrifrons (Duda, 1933)

Incertella scotica (Collin, 1946)

Incertella zuercheri (Duda, 1933)

LASIAMBIA Anonymous in Imperial Institute of Entomology, 1937

= *Lasiambia* Enderlein, 1936

= *Lasiambia* Sabrosky, 1941

Lasiambia brevibucca (Duda, 1932)

Lasiambia coxalis (von Roser, 1840)

= *oophila* (Hennig, 1941)

Lasiambia palposa (Fallén, 1820)

LIPARA Meigen, 1830

Lipara lucens Meigen, 1830

Lipara pullitarsis Doskočil & Chvála, 1971

= *rufitarsis* misid.

MICROCERCIS Beschovski, 1978

Microcercis trigonella (Duda, 1933)

OSCINELLA Becker, 1909

sg. *Oscinella* Becker, 1909

Oscinella angularis Collin, 1946

Oscinella cariciphila Collin, 1946

Oscinella frit (Linnaeus, 1758)

Oscinella maura (Fallén, 1820)

= *albisetata* (Meigen, 1830)

Oscinella nigerrima (Macquart, 1835)

Oscinella nitidissima (Meigen, 1838)

Oscinella pusilla (Meigen, 1830)

Oscinella ventricosi Nartshuk, 1956

Oscinella vindicata (Meigen, 1830)

= *hortensis* Collin, 1946

OSCINIMORPHA Lioy, 1864

Oscinimorpha minutissima (Strobl, 1900)

Oscinimorpha sordidissima (Strobl, 1893)

OSCINISOMA Lioy, 1864

Oscinisoma cognatum (Meigen, 1830)

POLYODASPIS Duda, 1933

Polyodaspis ruficornis (Macquart, 1835)

Polyodaspis sulcicollis (Meigen, 1838)

RHOPALOPTERUM Duda, 1929

Rhopalopterum anthracinum (Meigen, 1930)

Rhopalopterum atricillum (Zetterstedt, 1838)

= *atripes* (Duda, 1933)

Rhopalopterum atricorne (Zetterstedt, 1838)

= *platythorax* (Nartshuk, 1958)

Rhopalopterum brunneipenne Beschovski & Lansbury, 1987

Rhopalopterum fasciolum (Meigen, 1830)

Rhopalopterum femorale (Collin, 1946)

SIPHONELLA Macquart, 1835

Siphonella oscinina (Fallén, 1820)

SIPHUNCULINA Rondani, 1856

Siphunculina aenea (Macquart, 1835)

SPECCAFRONS Sabrosky, 1980

Speccafrons halophila (Duda, 1933)

TRACHYSIPHONELLA Enderlein, 1936

Trachysiphonella ruficeps (Macquart, 1835)

= *pygmaea* (Meigen, 1838)

Trachysiphonella scutellata (von Roser, 1840)

TRICIMBA Lioy, 1864

sg. *Nartshukiella* Beschovski, 1981

Tricimba cincta (Meigen, 1830)
= *sulcella* (Zetterstedt, 1848)
sg. *Tricimba* Lioy, 1864
Tricimba lineella (Fallén, 1820)

Excluded species

Chlorops figuratus (Zetterstedt, 1848) not found within present borders.

Notes

***Centorisoma elegantulum* Becker, 1910.** First records from Finland: 1 ex Ta: Heinola, Lusi, July 2013, leg. J. Kahanpää; 6 exx N: Loviisa, 2013, leg. Jari Flinck.
***Chlorops anthracophagoides* Strobl, 1900.** Recorded in Nartshuk (1998) from Eriksberg, which is a Finnish locality.
***Colliniella mejerei* (Duda, 1932).** Recently added to the list of Finnish Diptera (Kahanpää 2013).

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