

PERISCELIDIDAE

Periscelidae

Papp (1984) listed four Palaearctic species, all of which were included in Kloet & Hincks (1976) but one of these is deleted here.

PERISCELIS Loew, 1858

winnertzi Egger, 1862

Subgenus *MYODRIS* Liow, 1864

MICROPERISCELIS Oldenberg, 1914

Syn. in Grimaldi & Mathis (1993)

Subgenus *PERISCELIS* sensu stricto

nigra (Zetterstedt, 1860 - *Asteia*)

annulata (Fallén, 1813 - *Notiphila*)

Excluded species

Periscelis annulipes Loew, 1858 is probably not British (Ismay, pers. comm.), no specimens having been traced.

References

GRIMALDI, D.A. & MATHIS, W.N. 1993. [see Stenomicrodidae].

PAPP, L. 1984. Family Periscelididae. In: Soós, Á. & Papp, L. (Eds) *Catalogue of Palaearctic Diptera* 9: 233-234.

ASTEIIDAE

The British species were revised by Chandler (1978) and there have been no further changes. Two subfamilies are recognised as in Papp (1984).

ASTEIINAE

ASTEIA Meigen, 1830

ASTIA Agassiz, 1846, emend.

amoena Meigen, 1830 -

concinna Meigen, 1830

elegantula Zetterstedt, 1847

LEIOMYZA Macquart, 1835

LECOMYZA Haliday in Curtis, 1837, unavailable

LIOMYZA Blanchard, 1840, emend.

dudai Sabrosky, 1956

Added by Chandler (1978)

laevigata (Meigen, 1830 - *Agromyza*) +

scatophagina (Fallén, 1823 - *Heteroneura*) +

flavipes (Fallén, 1823 - *Agromyza*)

glabricula (Meigen, 1830 - *Agromyza*)

Syn. restored by Chandler (1978)

SIGALOESSINAE

ASTIOSOMA Duda, 1927

rufifrons Duda, 1927

Added by Chandler (1978)

References

CHANDLER, P.J. 1978. A revision of the British Asteiidae (Diptera) including two additions to the British list. *Proceedings and Transactions of the British entomological and natural history Society* 11: 23-34.

PAPP, L. 1984. Family Asteiidae. In: Soós, Á. & Papp, L. (Eds) *Catalogue of Palaearctic Diptera* 10: 63-66.

MILICHIIDAE

The Milichiidae are here restricted as in Kloet & Hincks (1976), but as in Papp (1984) are restored to proximity with the Carnidae, formerly included in the family. It has been possible from examination of collections to confirm the occurrence of the species marked ?? in Kloet & Hincks (1976).

MADIZINAE

DESMOMETOPA Loew, 1866

palpalis (Wahlberg in Zetterstedt, 1848 - *Agromyza*)

New to List, Note 1

? *discipalpis* Papp, 1993

sordida (Fallén, 1820 - *Madiza*)

m-atrum (Meigen, 1830 - *Agromyza*)

LEPTOMETOPA Becker, 1903

latipes (Meigen, 1830 - *Agromyza*)

niveipennis (Strobl, 1900 - *Siphonella*) Confirmed as British, Note 1

MADIZA Fallén, 1810

britannica Hennig, 1937

glabra Fallén, 1820 -

pachymera Becker, 1908

New to List, Note 1

NEOPHYLLOMYZA Melander, 1913

VICHYLA Villeneuve, 1920

acyglossa (Villeneuve, 1920 - *Vichyia*)

New to List, Note 1

quercus Duda, 1935

leanderi Hendel, 1924

New to List, Note 1

PHYLLOMYZA Fallén, 1810

beckeri Kramer, 1920

Confirmed as British, Note 1

donisthorpei Schmitz, 1923

Valid species, Note 1

equitans (Hendel, 1919 - *Neophyllomyza*)

fagicola (Hendel, 1924 - *Neophyllomyza*)

lasiae (Duda, 1935 - *Hendelomyza*)

flavitaris (Meigen, 1830 - *Agromyza*)

formicae Schmitz, 1923

longipalpis (Schmitz, 1924 - *Neophyllomyza*)

New to List, Note 1

rubricornis Schmitz, 1923

New to List, Note 1

securicornis Fallén, 1823 -

MILICHIINAE

MILICHA Meigen, 1830

LOBIOPTERA Wahlberg, 1847

ludens (Wahlberg, 1847 - *Lobioptera*)

Imported species

Desmometopa varipalpis Malloch, 1927. Added by Sabrosky (1983) on an introduction at the Liverpool docks; widespread tropical species.

Notes

1. The additions and other changes indicated above are the result of a revision of British material (Chandler, in preparation). A probable fourth species of *Madiza* has also been found (Godfrey, pers. comm.).

References

- PAPP, L. 1984. Family Milichiidae. In: Soós, Á. & Papp, L. (Eds) *Catalogue of Palaearctic Diptera* 10: 110-118.
SABROSKY, C.W. 1983. A synopsis of the world species of *Desmometopa* Loew (Diptera, Milichiidae). *Contributions of the American Entomological Institute, Ann Arbor* 19: 1-69.

CARNIDAE

As indicated under Milichiidae, this family is maintained distinct as in Papp (1984). There has been no recent work on the British fauna.

CARNUS Nitzsch, 1818
hemapterus Nitzsch, 1818

MEONEURA Rondani, 1856
bicuspidata Collin, 1930
flavifacies Collin, 1930
frata Collin, 1937
glaberrima Becker, 1910
neglecta Collin, 1930

lacteipennis (Fallén, 1823 - *Agromyza*)
lamellata Collin, 1930
minutissima (Zetterstedt, 1860 - *Agromyza*)
neotiophila Collin, 1930 +
obscura (Fallén, 1823 - *Agromyza*)
prima (Becker, 1903 - *Psalidotus*)
seducta Collin, 1937
triangularis Collin, 1930
vagans (Fallén, 1823 - *Agromyza*)

Syn. by Papp (1977)

Syn. by Ozerov (1994)

References

- OZEROV, A.L. 1994. [A new species and new synonymy in the genus *Meoneura* (Diptera, Carnidae)]. *Zoologicheskii Zhurnal* 1994: 139-141.
PAPP, L. 1977. Notes on some Becker's types (Diptera, Carnidae and Risidae fam.n.). *Annales historico-naturales Musei nationalis Hungarici* 69: 185-189.
PAPP, L. 1984. Family Carnidae. In: Soós, Á. & Papp, L. (Eds) *Catalogue of Palaearctic Diptera* 10: 118-124.

BRAULIDAE

This family is here placed in Carnoidea, following the Nearctic Manual, while Papp (1984) placed it among the Ephydroidea.

BRAULA Nitzsch, 1818
coeca Nitzsch, 1818 +
schmitzi Örösi Pál, 1939

Added by Dobson (in press), Note 1

Notes

1. *Braula schmitzi* Örösi Pál, 1939 has been found among material of *B. coeca* pooled from samples submitted to the Central Science Laboratory by beekeepers, so their local provenance is unknown (Dobson, pers. comm.). It is provisionally presumed to be an introduction, although widespread in Europe.

References

- PAPP, L. 1984. Family Braulidae. In: Soós, Á. & Papp, L. (Eds) *Catalogue of Palaearctic Diptera* 10: 178-180.

TETHINIDAE

The discovery of *Pelomyia* has added a genus to the British list. Beschovski (1993) transferred most of the species included in *Rhinoessa* by Collin (1966) to *Tethina*, while Munari (1995) followed Collin's interpretation of their species composition, placing *Rhinoessa* as a subgenus of *Tethina*. Mathis & Munari (1996) are followed here in the recognition of two subfamilies; although they recognised *Rhinoessa* as a subgenus, they listed all species under *Tethina*, without indicating which species belonged to each subgenus. As Munari (1996) has accepted Beschovski's concept of *Rhinoessa*, this is also followed here but with subgeneric status provisionally maintained.

PELOMYIINAE

PELOMYIA Williston, 1893
occidentalis Williston, 1893

coronata: Hendel, 1934, misident.
New to List (J.H. Cole; Irwin, pers. comm.)

PELOMYIELLA Hendel, 1934
cinerella (Haliday, 1837 - *Opomyza*) +
mallochi (Sturtevant, 1923 - *Pelomyia*)
angustifacies (de Meijere, 1928 - *Pelomyia*)
kuntzei (Czerny, 1928 - *Pelomyia*)

British syntype, syn. in Soós (1984)

Subgenus *RIICNOESSA* Loew, 1862
grisea (Fallén, 1823 - *Anthomyza*) +

Subgenus *TETHINA* sensu stricto
flavigenis (Hendel, 1934 - *Rhinoessa*)
incisuralis (Macquart, 1851 - *Chlorops*)
simplex (Collin, 1966 - *Rhinoessa*)
strobliana (Mercier, 1923 - *Rhinoessa*)
longirostris: Collin, 1911, misident.
penita (Collin, 1966 - *Rhinoessa*)

Syn. by Beschovski (1993)

albosevulosa (Strobl, 1900 - *Rhinoessa*)
griseola: Czerny, 1928, misident.
illota (Haliday, 1838 - *Opomyza*) +
illota Haliday in Curtis, 1837 (*Tethina*), nomen nudum
griseola (van der Wulp, 1871 - *Madiza*)

TETHININAE

TETHINA Haliday, 1838
TETHINA Haliday in Curtis, 1837, nomen nudum

References

- BESCHOVSKI, V.L. 1993. Taxonomic and systematic notes on the genera *Tethina* Haliday, 1838 and *Rhinoessa* Loew, 1862 (Insecta: Diptera: Tethinidae). *Reichenbachia* 30: 103-107.
COLLIN, J.E. 1966. A revision of the Palaearctic species of *Tethina* and *Rhinoessa*. *Bolletino del Museo civico di Storia naturale di Venezia* 16 (1963): 19-32.
MATHIS, W.N. & MUNARI, L. 1996. World Catalog of the Family Tethinidae (Diptera). *Smithsonian Contributions to Zoology* 584: 1-27
MUNARI, L. 1995. Tethinidae. In: Minelli, A. et al. (Eds) *Checklist delle specie della Fauna Italia* 75: 14-15.