

Corrections and changes to the Diptera Checklist (18) – Editor

The notes below refer to deletion of 1 species and addition of 10 species, resulting in a new total of **6983** species.

Keroplastidae. A new synonymy results from examination of types in the preparation of the Swedish checklist (KJAERANDSEN, J. *et al.* 2007. Annotated checklist of fungus gnats from Sweden (Diptera: Bolitophilidae, Diadocidiidae, Ditomyiidae, Keroplastidae and Mycetophilidae). *Insect Systematics & Evolution Supplement* No. **65**, 1-128):

Orfelia lugubris (Zetterstedt, 1851 – *Platyura*) = *O. tristis*

Mycetophilidae. A new synonymy results from KJAERANDSEN, J. *et al.* (2007. *op. cit.*):
Dynatosoma thoracicum (Zetterstedt, 1838 – *Mycetophila*) = *D. norwegiense*

The following addition and change result from P. LAŠTOVKA and J. ŠEVČÍK (2006. A review of the Czech and Slovak species of *Docosia* Winnertz (Diptera: Mycetophilidae), with atlas of the male and female terminalia. *Casopis Slezského Musea v Opave, Opava* (A) **55**, 1-37):

Docosia expectata Laštovka & Ševčík, 2006 = *Docosia* sp. indet. sensu Hutson *et al.*, 1980 [see Note 1 in checklist]

Docosia flavicoxa Strobl, 1900 = *D. pallipes* Edwards, 1941

Sciaridae. The following changes result from F. MENZEL and K. HELLER (2007. Bemerkungen zur Nomenklatur der Sciariden (Diptera, Bibionomorpha: Sciaridae). *Studia dipterologica* **13**(2006): 209-229):

COSMOSCIARA Frey, 1942

Cosmosciara pernicioso (Edwards, 1922), transferred from *Cratyna* subgenus *Peyerimhoffia*
Sciara mendax Tuomikoski, 1960 sp. restit. = *S. nursei* Freeman, 1983

Cecidomyiidae. The following new generic synonymy was proposed by K.M. HARRIS, S. SATO, N. UECHI and J. YUKAWA (2006. Redefinition of *Oligotrophus* (Diptera: Cecidomyiidae) based on morphological and molecular attributes of species from galls on *Juniperus* (Cupressaceae) in Britain and Japan. *Entomological Science* **9**, 411-421):

Oligotrophus = *Schmidtiella* and *Arceuthomyia*, resulting in the following new combinations:

Oligotrophus valerii (Tavares, 1904)

Oligotrophus gemmarum (Rübsaamen, 1914)

The following Nearctic species, which has become widely established in Europe, was added by M. SKUHRAVÁ, V. SKUHRAVÝ and G. CSÓKA (2007. The invasive spread of the gall midge *Obolodiplosis robiniae* in Europe, *Cecidology* 84-90):

OBOLODIPLOSIS Felt, 1908

Obolodiplosis robiniae (Haldeman, 1847 – *Cecidomyia*)

Ceratopogonidae. The following changes result from R. SZADZIEWSKI, W. GILKA and P. DOMINIÁK (2007. A redescription of *Forcipomyia squamigera* Kieffer, 1916 in all stages (Diptera: Ceratopogonidae). pp. 275-280. In Andersen, T., (Ed.) *Contributions to the Systematics and Ecology of Aquatic Insects – A tribute to Ole A. Saether*. The Caddis Press):

Forcipomyia squamigera Kieffer, 1916 = *tenuisquama*: Zilahi-Sebess, 1940, misident.

Forcipomyia bipunctata (Linnaeus, 1767) = *tenuisquama* Kieffer, 1924

A revision by R. SZADZIEWSKI, P. DOMINIAK and A. TÓTHOVA (2007. European *Atrichopogon* biting midges of the subgenus *Meloehalea* (Diptera: Ceratopogonidae). *Polskie Pismo Entomologiczne* **76**, 267-284) has resulted in the recognition that *A. meloesugans* is a distinct species from *A. winnertzi* and that the latter does not attack beetles of the genus *Meloe* but it was not confirmed that both species occur in Britain.

The following synonymy in a revision by R. SZADZIEWSKI, M. GWIZDALKA-KENTZER and E. SONTAG (2007. Predatory biting midges of the genus *Sphaeromias* (Diptera: Ceratopogonidae). *Polskie Pismo Entomologiczne* **76**, 293-302) reduces the species of *Sphaeromias* recognised in Britain and Europe to two:

Sphaeromias pictus (Meigen, 1818) = *miricornis* (Kieffer, 1919) and *candidatus* (Loew, 1856)

Empididae. The following species is added in the present issue:

Hilara woodiella Chvála, 1999

Dolichopodidae. The following species is added in the present issue:

Medetera insignis Girschner, 1888

A spelling error to an addition in a previous issue (2005. **12**, 77) requires correction:

Dolichophorus kerteszi [not *kerteszii*]

Syrphidae. The following species was added by M.C.D. Speight, J.-P. Sarthou and D.A. Levy, D.A. (2007 *Eupeodes goeldlini* (Dip.: Syrphidae) new to Britain, France and Ireland, with a key to separate it from related Atlantic zone species. *Entomologist's Record and Journal of Variation* **119**, 213-219) [+ indicates that a species is also new to the Irish list]:

Eupeodes goeldlini Mazánek, Láska & Bičík, 1999 +

Pipunculidae. The following new synonymy was proposed by C. KEHLMAYER (2006. The West Palaearctic species of *Jassidophaga* Aczél and *Verrallia* Mik described up to 1966 (Diptera: Pipunculidae). *Stuttgarter Beiträge zur Naturkunde, Series A (Biologie)* **697**, 1-34: *Jassidophaga fasciata* (von Roser, 1840 - *Pipunculus*) = *setosa* (Verrall, 1901)

The following changes, including the transfer of the name *varipes* from a species of *Pipunculus* to a species of *Cephalops* and the deletion of the name *hertzogi* from the British list, result from C. KEHLMAYER (2008. Finnish Pipunculidae (Diptera) studies Part I: Taxonomic notes on *Cephalops* Fallén, 1810, *Pipunculus* Latreille, 1802 and *Tomosvaryella* Aczél, 1939 *Zootaxa* **1672**, 1-42):

Cephalops varipes (Meigen, 1824 - *Pipunculus*) = *semifumosus* (Kowarz, 1887)

Pipunculus campestris Latreille, 1802 = *Pipunculus spinipes* Meigen, 1830 and *Pipunculus thomsoni* Becker, 1897, new synonyms

Pipunculus elegans Egger, 1860 = *Pipunculus spinipes*: authors, not Meigen, 1830

Pipunculus lenis Kuznetzov, 1991 = *Pipunculus thomsoni*: authors, not Becker, 1897

Pipunculus omissinervis Becker, 1889 = *Pipunculus phaeton* Coe, 1966: 49 and *Pipunculus hertzogi*: authors, not (Rapp, 1943) [*P. hertzogi* is a Nearctic species not synonymous with *phaeton*; the synonymy of *phaeton* with *omissinervis* is tentative and it may prove to be a distinct species]

Pipunculus violovitshi Kuznetzov, 1991 = *Pipunculus varipes*: authors, not Meigen, 1824

Agromyzidae. The following species is added in the present issue:

Phytomyza sedi Kaltenbach, 1869

The following species was added by R. EDMUNDS and W. ELLIS (2008. *Aulagromyza luteoscutellata* (de Meijere, 1924) (Dipt., Agromyzidae): new to Great Britain. *Entomologist's Record and Journal of Variation* **120**, 21-24):
Aulagromyza luteoscutellata (de Meijere, 1924 -*Paraphytomyza*)

Asteiidae. The following species was added by D.J. GIBBS and L. PAPP (2007. A review of the Holarctic species of *Leiomyza* Macquart, 1835 (Diptera: Asteiidae) with descriptions of two new species. *Studia dipterologica* **13**(2006): 241-248):
Leiomyza birkheadi Gibbs, 2007

Muscidae

The following species are added in the present issue:

Lispe longicollis Meigen, 1826

Lispe melaleuca Loew, 1847

Changes to the Irish Diptera List (8) – Editor

This section appears as necessary to keep up to date the initial update of the Irish list in Vol. **10**, 135-146. Species are listed under families, but with references listed separately. The additions reported here bring the confirmed Irish list to **3218** species.

Limoniidae

Ilisiaoccoecata Edwards, 1936 (Ashe *et al.* 2007a)

Molophilus curvatus Tonnoir, 1920 (Ashe *et al.* 2007a)

Rhypholophus bifurcatus Goetghebuer, 1920 (Ashe *et al.* 2007a)

Scleroprocta sororcula (Zetterstedt, 1851) (Ashe *et al.* 2007a)

Tipulidae

Nephrotoma crocata (Linnaeus, 1758) (Irish status confirmed: Ashe *et al.* 2007b)

Tipula (Platytipula) melanoceros Schummel, 1833 (Irish status confirmed: Ashe *et al.* 2007b)

Tipula (Vestiplex) montana Curtis, 1834 (Irish status confirmed: Ashe *et al.* 2007b)

Stratiomyidae

Odontomyia angulata (Panzer, 1798) (Gittings 2007)

Syrphidae

Eupeodes goeldlini Mazánek, Láska & Bičík, 1999 (Speight *et al.* 2007; see above)

Lauxaniidae

Sapromyza basalis Zetterstedt, 1847 (Chandler and Alexander 2008 in the present issue)

Drosophilidae

Hirtodrosophila confusa (Staeger, 1844) (O'Connor *et al.* 2007 following Alexander in press)

Sarcophagidae

Macronychia striginervis (Zetterstedt, 1838) (Chandler, O'Connor and Ronayne 2008 in the present issue)

References

Ashe, P., O'Connor, J.P., Chandler, P.J., Stubbs, A.E., Vane-Wright, R.I. and Alexander, K.N.A. 2007a. The craneflies (Diptera) of Ireland. Part 6. Limoniidae: Chioneinae. *Bulletin of the Irish Biogeographical Society* **31**, 358-408.

- Ashe, P., O'Connor, J.P., Chandler, P.J., Stubbs, A.E., Vane-Wright, R.I. and Alexander, K.N.A. 2007b. The crane flies (Diptera) of Ireland. Part 5. Tipulidae. *Bulletin of the Irish Biogeographical Society* **31**, 296-357.
- Gittings, T. 2007. *Odontomyia angulata* (Panzer, 1798) a soldierfly (Diptera, Stratiomyidae) new to Ireland. *Irish Naturalists' Journal* **28**, 419.
- O'Connor, J.P., Chandler, P.J., Ashe, P., Speight, M.C.D. and Nash, R. 2007. A review of the Irish lesser fruit-flies (Diptera: Drosophilidae). *Irish Naturalists' Journal* **28**, 506-516.