

Corrections and changes to the Diptera Checklist (51) – Editor

It is intended to publish here any corrections to the text of the latest Diptera checklist (publication date was 13 November 1998; the final cut-off date for included information was 17 June 1998) and to draw attention to any subsequent changes. All readers are asked to inform me of errors or changes, and I thank all those who have already brought these to my attention.

Changes are listed under families; names new to the British Isles list are in bold type. The notes below refer to the addition of 8 species, resulting in a total of **7267** species (of which 39 are recorded only from Ireland).

An updated version of the checklist, incorporating all corrections and changes that have been reported in *Dipterists Digest*, is available for download from the Dipterists Forum website. It is updated following publication of each issue of *Dipterists Digest*.

Limoniidae

The following generic synonymy was proposed by D. SANTOS and G.C. RIBEIRO (2023. The *Idioptera-Eloeophila* complex (Diptera: Limoniidae): a phylogenetic solution to an old taxonomic misunderstanding. *Arthropod Systematics & Phylogeny* **82**, 1-16), resulting in new combinations for all species of *Eloeophila*:

IDIOPTERA Macquart, 1834 = ELOEOPHILA Rondani, 1856

Idioptera apicata (Loew, 1871 – *Ephelia*)

Idioptera maculata (Meigen, 1804 – *Limonia*)

Idioptera mundata (Loew, 1871 – *Ephelia*)

Idioptera submarmorata (Verrall, 1887 – *Ephelia*)

Idioptera trimaculata (Zetterstedt, 1838 – *Limnobia*)

Idioptera verralli (Bergroth, 1912 – *Ephelia*)

Psychodidae. The following species is added in the present issue (p. 57):

Psychoda mycophila Vaillant, 1989

Simuliidae. The following correction was made by P.H. ADLER, M. CHERAIRIA, S.F. ARIGUE, B. SAMRAOUI and B. BELQAT (2015. Cryptic biodiversity in the cytogenome of bird-biting blackflies in North Africa. *Medical and Veterinary Entomology*, pp 1-14 doi: 10.1111/mve.12115 [*S. velutinum* is restricted to North Africa and the Canary Islands]):

Simulium (*Eusimulium*) **rubzovianum** (Sherban, 1961 – *Eusimulium*) = *S. (E.) velutinum*: misident., not (Santos-Abreu, 1922)

Dolichopodidae. The following species are added in the present issue (p. 74):

Medetera acanthura Negrobov & Thuneberg, 1970

Medetera belgica Parent, 1936

Medetera peloria Negrobov, 1967

Medetera mixta Negrobov, 1967

Syrphidae. The following species are added in the present issue:

Eumerus amoenus Loew, 1848 (p. 81)

Paragus (sensu stricto) **quadrifasciatus** Meigen, 1822 (p. 53)

Piophilidae. In the present issue (p. 72) the restoration from synonymy of the genera PARAPIOPHILA and LIOPIOPHILA is accepted. This follows other recent literature including the following:

G. GIORDANI, F. TUCCIA, D. MARTÍN-VEGA, C.S. ANGELL, J. PRADELLI and S. VANIN (2023. Morphological and molecular characterization of puparia of Piophilidae species of forensic relevance. *Medical & Veterinary Entomology* **37**(2), 339-358. doi: 10.1111/mve.12635).

Agromyzidae. M. VON TSCHIRNHAUS (2023. Taxonomic changes and clarifications in Agromyzidae and Chloropidae (Diptera). *Studia dipterologica* **24**(2)(2017), 273-296) corrected the date of description of *Aulagromyza tremulae* and transferred two species from *Phytomyza* to *Chromatomyia*:
Aulagromyza tremulae (Hering, 1956 – *Phytagromyza*)
Chromatomyia autumnalis (Hering, 1957 – *Phytomyza*)
Chromatomyia spinaciae (Hendel, 1936 – *Phytomyza*)

Chloropidae. M. VON TSCHIRNHAUS (2023: see under Agromyzidae) proposed the following new name for a homonym:
Rhopalopterum collini von Tschirnhaus, 2023 = *R. femorale* (Collin, 1946 - *Lioscinella*), preocc.

Fanniidae. The following species is added in the present issue (p. 87):
Fannia conspecta Rudzinski, 2003

Hippoboscidae. Three species treated as vagrants in the checklist have been confirmed to have resident populations by D.C. WAWMAN (2023. *Ornithomya biloba*, *Pseudolynchia garzettae* and *Pseudolynchia canariensis* (Diptera: Hippoboscidae): three new United Kingdom colonists and potential disease vectors. *Medical and Veterinary Entomology* 1-12; <https://doi.org/10.1111/mve.12703>). They were already included in the total of 15 species of this family, so there is no change to the composition of the list:
Ornithomya biloba Dufour, 1827
Pseudolynchia garzettae (Macquart in Webb & Berthelot, 1839 – *Olfersia*)
Pseudolynchia canariensis (Rondani, 1879 – *Olfersia*)

Changes to the Irish Diptera List (36) – Editor

This section appears, whenever necessary, to keep up to date the initial update of the Irish list in *Dipterists Digest* Vol. **10**, 135-146 and the latest checklist of Irish Diptera (Chandler, P.J., O'Connor, J.P. and Nash, R. 2008. *An annotated checklist of the Irish two-winged flies (Diptera)*. 261 pp. The Irish Biogeographical Society in association with The National Museum of Ireland). Species are listed under families. The gain of two species brings the total Irish list to 3481.

Platypezidae

Paraplatypeza bicincta (Szilády, 1941) (added by Mitchell and Byrne 2022)
Platypeza hirticeps Verrall, 1901 (added by Mitchell and Byrne 2022)

References

Mitchell, R. and Byrne, C. 2022. *Paraplatypeza bicincta* (Szilády, 1941) and *Platypeza hirticeps* Verrall, 1901 (Diptera: Platypezidae) new to Ireland. *Irish Naturalist's Journal* **39**, 98-99