

Changes to the Irish Diptera List (14) – Editor

This section appears as necessary to keep up to date the initial update of the Irish list in Vol. **10**, 135-146 and the recent checklist of Irish Diptera (Chandler *et al.* 2008). Species are listed under families, but with references listed separately. This section in the previous issue should have been numbered (13). The addition cited below brings the total Irish list to **3326** species.

Corrections

The following errors have been noted in Chironomidae in the Irish checklist:

p. 51. *Polypedilum aegyptium* should be included in subgenus *Tripodura*

p. 61. *Pseudosmittia scotica* should have been listed on p. 55 under the additional genus CAMPTOCLADIUS van der Wulp, 1874 as *C. stercorarius* of which *scotica* is a synonym

Changes

Mycetophilidae. The correction of *Exechia frigida* to *E. borealis* (see p. 162 below) also applies to the Irish list.

Syrphidae. The addition of *Dasysyrphus hilaris* (Zetterstedt, 1843 – *Scaeva*) (see p. 163 below) was also overlooked in the Irish checklist.

Corrections and changes to the Diptera Checklist (24) – 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 therefore asked to inform me of any errors or changes and I would like to 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. This section in the previous issue should have been numbered (23) rather than (22). The notes below refer to addition of 13 species and deletion of two, one of them due to synonymy, resulting in a new total of **7033** species.

Corrections

p 17 NEOEMPHERIA Osten Sacken [delete hyphen]

p 147 and p. 148 Note 8. *Melanochaeta pubescens* author spelling should be Thalhammer

Changes

Mycetophilidae. The following species were added in the Spring 2010 Dipterists Bulletin (*Fungus Gnats Recording Scheme Newsletter* 4, 1-7):

Exechia spinigera Winnertz, 1863 (also added formally in the present issue)

Phronia forcipula Winnertz, 1863 (also added formally in the present issue)

The following species are added in the present issue:

Xenexechia (Xenexechia) davatchii (Matile, 1969 – *Rymosia*)

Synplasta exclusa (Dziedzicki, 1910 – *Rymosia*)

The following correction is also made in the present issue:

Exechia borealis Lundström, 1912 = *E. frigida*: authors, misident., not (Boheman, 1865)

The following synonymy with a North American species was accepted by P.J. CHANDLER (2004. *Fauna Europaea*, www.faunaeur.org) but has not previously been noted here:

Palaeodocosia vittata (Coquillett, 1901 – *Docosia*) = *P. janickii* (Dziedzicki, 1923)

Trichoceridae. E. KRZEMIŃSKA, W. KRZEMIŃSKI and C. DAHL (2009. *Monograph of fossil Trichoceridae (Diptera). Over 180 million years of evolution*. Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, 171 pp.) proposed the following synonymy of *Diazosma* with a fossil genus:

CLADONEURA Scudder, 1894 = **DIAZOSMA** Bergroth, 1913

Simuliidae. It has been proposed by J.C. DAY, T.I GOODALL and R.J. POST (2008. Confirmation of the species status of the blackfly *Simulium galeratum* in Britain using molecular taxonomy. *Medical & Veterinary Entomology* 22, 55-61) that the following species should be raised from synonymy with *Simulium reptans*:

Simulium galeratum Edwards, 1920

Chironomidae. The following species and the genus HYDROBAENUS are added in the present issue:

Chaetocladius sp. Dorset [not yet identifiable with a named species]

Cladotanytarsus donmcbeari Langton & McBean, 2011

HYDROBAENUS Fries, 1830 (Subfamily Orthoclaadiinae)

Hydrobaenus distylus (Potthast, 1914 – *Dactylocladius*)

The following species is deleted in the present issue:

Pseudosmittia holsata Thienemann & Strenzke, 1940

Syrphidae. It was previously overlooked here that A.E. STUBBS and S.J. FALK (2002. *British hoverflies, an illustrated identification guide*. Second edition. British Entomological and Natural History Society, Reading) had recognised as distinct the following species that was included as a supposed misidentification of *Dasysyrphus venustus* in the checklist. It had also been recorded from Ireland by Speight (2000, 2008), on the basis of a manuscript key by D. Doczkal, with the comment that *D. venustus* of authors comprised several species of which the distribution had yet to be clarified:

Dasysyrphus hilaris (Zetterstedt, 1843 – *Scaeva*)

The following species are added in the present issue:

Dasysyrphus pauxillus (Williston, 1887 – *Syrphus*)

Syrphus nitidifrons Becker, 1921

Clusiidae. O. LONSDALE and S.A. MARSHALL (2008. Synonymy within *Clusia* and description of the new genus *Melanoclusia* (Diptera: Clusiidae: Clusiinae). *Annals of the Entomological Society of America* **101**(2), 327-330) are responsible for the following synonymy and new combination:

CLUSIA Haliday, 1838 = PARACLUSIA Czerny, 1903

Clusia tigrina (Fallén, 1820 – *Helomyza*)

Also following D.C. CALOREN and S.A. MARSHALL (1998. A revision of the New World species of *Clusiodes* Coquillett (Diptera: Clusiidae). *Studia dipterologica* **5**, 261-321) the subgenera of *Clusiodes* are not recognised but treated only as synonyms

Agromyzidae. A phylogenetic revision by I.S. WINKLER, S.J. SCHEFFER and L. MITTER (2009. Molecular phylogeny and systematics of leaf mining flies (Diptera: Agromyzidae): delimitation of *Phytomyza* Fallén sensu lato and included species groups with new insights on morphological and host-use evolution. *Systematic Entomology* **34**(2), 260-292) has proposed that *Chromatomyia* and *Napomyza* should be regarded as synonymous with *Phytomyza*, within which *Chromatomyia* is treated as synonymous with *Phytomyza* sensu stricto while *Napomyza* has the revised rank of subgenus. One of the new names proposed for homonyms also affects the British list:

PHYTOMYZA Fallén, 1810 = NAPOMYZA Haliday in Westwood, 1840 = CHROMATOMYIA Hardy, 1849

Phytomyza asteroides Winkler in Winkler, Scheffer & Mitter, 2009 = *Napomyza tripolii* Spencer, 1966 [not *Phytomyza tripolii* de Meijere, 1924]

Anthomyzidae. The following changes result from J. ROHÁČEK (2009b. A monograph of Palaearctic Anthomyzidae (Diptera) Part 2. *Časopis slezského zemského muzea, Série A, vedy přírodní* **58** (supplement 1), 180 pp):

Anthomyza anderssoni Roháček, 1984 is added

ARGANTHOMYZA Roháček, 2009

Arganthomyza socculata (Zetterstedt, 1857 – *Geomyza*) [transferred from *Anthomyza*]

CAREXOMYZA Roháček, 2009

Carexomyza caricis (Roháček, 1999 – *Paranthomyza*) [transferred from *Paranthomyza*]

Scathophagidae. The following new synonymy was proposed by F. ŠIFNER (2008. A catalogue of the Scathophagidae (Diptera) of the Palaearctic region, with notes on their taxonomy and faunistics. *Acta entomologica Musei nationalis Pragae* **48**, 111-186), on the basis that all distinguishing characters were within the range of variation. This catalogue also treated subgenera of *Cordilura* as of generic status:

Scoliaphleps ustulata Zetterstedt, 1838 = *S. hyalinipennis* (Ringdahl, 1936)

The following new synonymy, confirming one queried in the checklist, was also established by ŠIFNER (*op. cit.*):

Scathophaga inquinata Meigen, 1826 = *S. analis* Meigen, 1826

Scathophaga taeniopa Rondani, 1856 is recognised as a distinct species from *S. suilla* (they had previously been synonymised by ŠIFNER in 1975 as reported in the checklist) following M.V. BERNASCONI, C. VALSANGIACOMO, J.-C. PIEFARETTI and P.I. WARD (2001. Phylogeny of the genus *Scathophaga* (Diptera: Scathophagidae) conferred from mitochondrial DNA sequences. *Canadian Journal of Zoology* **79**, 517-524).

The names *Americina*, *Coniosternum* and *Amaurosoma* are used by ŠIFNER (*op. cit.*) for the genera *Parallelomma*, *Coniosternum* and *Nanna* of the 1998 checklist, without explanation and he did not cite the work of V. MICHELSEN (2001. Nomenclatorial notes on Scathophagidae (Diptera): the status of genus- and species-group names first proposed in “Die Dipteren von Steiermark. II. Theil.” by P. Gabriel Strobl, 1894. *Studia dipterologica* **8**, 323-326), in which the validity of the latter names as senior synonyms of names proposed by Becker in the same year was established.

As in previous works by this author the name *Parallelomma* is consequently used for *Cordilurina*, raised to generic level from subgenus of *Cordilura*. Subgenera were also not recognised in *Acanthocnema*, with *Clinocerooides* treated as a synonym.

Other differences from the British checklist are the treatment of *Parallelomma paridis* as a synonym of *P. vittatum* (as *Americina vittata*), *Nanna multisetosa* as a synonym of *N. flavipes* (as *Amaurosoma flavipes*) and different nomenclature of species of *Norellisoma* (use of *flavicornis* as the name for *opacum* of the British list). These changes are not accepted here pending further work to test their validity.

Cordilura similis is also treated as a separate species from *C. picticornis* and both are listed from Britain, *C. similis* on its usage by J.M. NELSON (1998. *Cordilura similis* Siebek (Diptera: Scathophagidae) a problematic species associated with *Carex aquatilis*. *Entomologist's Gazette* **49**, 199-201). The checklist used the name *picticornis* for *C. similis* following the Palaearctic Catalogue, but if these species are different it needs to be clarified which of them occurs in Britain.

Anthomyiidae. The following new name was proposed in the previous issue, but was omitted from the checklist changes section:

Delia penicilliventris Ackland, 2010 [= *Aricia criniventris* Zetterstedt, 1860; *Delia penicillaris*: authors, misident., not Rondani, 1866].