

Corrections and changes to the Diptera Checklist (25) – 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. The notes below refer to addition of 10 species and deletion of one due to synonymy, resulting with the adjustment indicated by P. CHANDLER (2011. Checklist of British Isles Diptera updated. *Bulletin of the Dipterists Forum* No. **71**, 10-11) in a new total of **7044** species (of which 34 including one addition are recorded only from Ireland).

Limoniidae. J. STARÝ (2011. *Gonomyia* (*Gonomyia*) *lucidula* de Meijere and allies (Diptera: Limoniidae). *Entomologica Fennica* **21**, 232-242) has recognised that *G. abscondita*, queried as a synonym of *G. lucidula* in the checklist but recognised as distinct in a manuscript key by Alan Stubbs, is a good species (also see C.M. DRAKE in present issue): *Gonomyia* (*Gonomyia*) ***abscondita*** Lackschewitz, 1935

Keroplastidae. The following new species is described in the present issue, replacing *Macrorrhyncha rostrata* on the British list:
Macrorrhyncha ***hugoi*** Kjærandsen & Chandler, 2011 [= *M. rostrata*: Chandler, 1992, misident., not (Zetterstedt, 1851)]

Sciaridae. The following changes result from H. HIPPA, P. VILKAMAA and K. HELLER (2010. Review of the Holarctic *Corynoptera* Winnertz, 1867, s.str. (Diptera: Sciaridae) *Zootaxa* **2695**, 1-177), who included 30 of the 55 British species assigned to this genus in the checklist in their concept of CORYNOPTERA sensu stricto (*bicuspidata*, *bistrispina*, *curvispinosa*, *flavicauda*, *flavosignata*, *furcifera*, *grothae*, *hypopygialis*, *inexpectata*, *irmgardis*, *levis*, *luteofusca*, *macricula*, *membranigera*, *minima*, *perpusilla*, *saccata*, *saetistyla*, *semisaccata*, *setosa*, *sphenoptera*, *subfurcifera*, *subtilis*, *tetrachaeta*, *trepida*, *uncata*, *waltraudis* and the species listed below):

Corynoptera consumpta (Freeman, 1987) sp. restit. = *C. sedula*: Menzel & Mohrig, 2000, not Mohrig & Krivosheina, 1985

Corynoptera patula Hippa, Vilkamaa & Heller, 2010 = *C. hemiacantha*: Menzel *et al.* 2006, not Mohrig & Mamaev, 1992

Corynoptera perornata Mohrig & Röschmann, 1993 (restored to this genus from *Cratyna* subgenus *Diversicratyna*)

Corynoptera triacantha Tuomikoski, 1960 = *C. fritzi* Mohrig & Rulik, 2001, new synonymy

Cecidomyiidae. The generic assignment of the following species was changed by K. HARRIS (2009. *Dasineura helianthemi* (Hardy): a new generic assignment for *Contarinia helianthemi* (Hardy). *Cecidology* **24**, 50-53):
Dasineura helianthemi (Hardy, 1850 - *Cecidomyia*)

The following species, listed under ‘Excluded species’ in the checklist, was confirmed as British by A. HALSTEAD and K. HARRIS (2011. The Aquilegia flower bud gall midge

Macrolabis aquilegiae (Kieffer) (Diptera: Cecidomyiidae) confirmed as being present in Britain. *Cecidology* **26**, 2-3, Plate 1):

Macrolabis aquilegiae (Kieffer, 1909 - *Perrisia*)

Chironomidae. The following changes result from D.A. MURRAY (2010. Records of Chironomidae (Diptera) in Ireland – twenty additions and notes on four morphotypes. *Bulletin of the Irish Biogeographical Society* **34**, 85-96):

Metriocnemus (*Metriocnemus*) *inopinatus* Strenzke, 1950 ++ new to the British Isles from Ireland

Micropsectra roseiventris (Kieffer, 1909 - *Tanytarsus*) = *M. fusca* of the British list, following E. STUR and T. EKREM (2006. a revision of West Palaearctic species of the *Micropsectra atrofasciata* species group (Diptera: Chironomidae). *Zoological Journal of the Linnean Society* **146**, 165-225) [*M. fusca* Meigen was based only on a female, which cannot be confirmed as conspecific].

Neozavrelia cuneipennis (Edwards, 1929) = *N. longappendiculata* Albu, 1980, transfer from *Stempellinella* and synonymy following T. EKREM (2006. A redescription of *Neozavrelia cuneipennis* (Edwards) comb. nov., with a checklist of *Neozavrelia* species of the world (Diptera: Chironomidae). *Zootaxa* **1153**, 1-16).

Rhagionidae. The family Spaniidae, recognised in recent literature including the Irish checklist (2008) and the Dipterist's Handbook (2010) was found in a phylogenetic study by P. KERR (2010. Phylogeny and classification of Rhagionidae, with implications for Tabanomorpha (Diptera: Brachycera). *Zootaxa* **2592**, 1-133) to nest within the Rhagionidae so it is concluded that it should be recognised only as a subfamily of Rhagionidae.

British genera are assigned to the following subfamilies: CHRYSOPILINAE (*Chrysopilus*), RHAGIONINAE (*Rhagio*) and SPANIINAE (*Ptiolina*, *Spania*, *Symphoromyia*).

Hybotidae. In the world catalogue (YANG, D., ZHANG, K., YAO, G. and ZHANG, J. 2007. *World Catalog of Empididae*. vi + 599 pp. China Agricultural University Press) the following new name was proposed for a secondary homonym:

Platypalpus excavatus Yang & Yao, 2007 [= *P. excisus*, described as *Tachydromia excisa* Becker, 1907, preocc. by *Tachista excisa* Loew, 1864 (now *Tachydromia*)]

Sciomyzidae. The following synonymy, that has been previously overlooked, was proposed by J.-H. STUKE (2005. Die Sciomyzoidea (Diptera: Acalyptratae) Niedersachsens und Bremens. *Drosera* **2005**, 135-166):

Herbellia goberti (Pandellé, 1902) (= *P. stylifera* Rozkošný, 1982)

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

Liriomyza puella (Meigen, 1830 - *Agromyza*)

Sphaeroceridae. The following species is added in the present issue (J.H. COLE in Dipterists Day Exhibits 2009 and 2010):

Opacifrons maculifrons (Becker, 1907 - *Limosina*)

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

Psilopa polita (Macquart, 1835 – *Hydrellia*)

Muscidae. It should be noted that a subfamily AZELIINAE is now recognised to include the two tribes Azeliini and Reinwardtiini, while Muscini and Stomoxyini are retained in MUSCINAE. This classification was followed in C.J.B. CARVALHO, M.S. COURI, A.C. PONT, D. PAMPLONA and S.M. LOPES (2005. A Catalogue of the Muscidae (Diptera) of the Neotropical Region, *Zootaxa* **860**, 1-282. Magnolia Press, Auckland, New Zealand).

The following synonymy was proposed by A.C. PONT (2011. The Muscidae described by J.W. Zetterstedt (Insecta: Diptera). *Zootaxa* **2852**, 1-83). It should be noted that *M. detrita* was the name used before 1986 for the species now known as *M. orthonevra*. It also results that *arctica* (which is a good species not found in the British Isles) should be deleted from the synonymy of *Spilogona contractifrons*, *hirsutulus* should be transferred from synonymy of *Thricops cunctans* to that of *T. innocuus* and *duplaris* from synonymy of *Helina reversio* to that of *H. obscurata*:

Mydaea detrita (Zetterstedt, 1845 – *Anthomyza*) (= *M. electa* (Zetterstedt, 1860))

Tachinidae. The following species, including one in an additional genus, are added in the present issue:

THELYCONYCHIA Brauer & von Bergenstamm, 1889 (Exoristinae, Tribe Eryciini)

Thelyconychia solivaga (Rondani, 1861 - *Masicera*)

Eumea mitis (Meigen, 1824 - *Tachina*)

Phytomyptera minutissima (Zetterstedt, 1844- *Tachina*)

Phytomyptera zonella (Zetterstedt, 1844- *Tachina*)

Changes to the Irish Diptera List (15) – 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. The additions cited below bring the total Irish list to **3351** species.

Mycetophilidae. The following species are added in the present issue (Alexander and Chandler 2011):

Docosia morionella Mik, 1884

Allodia (subgenus *Brachycampta*) *pistillata* (Lundström, 1911)

Brevicornu nigrofusum (Lundström, 1909)

Exechia cincta Winnertz, 1863

Chironomidae. The following 21 species were added by Murray (2010); *Micropsectra roseiventris* (see page 68 above) had previously been recorded from Ireland under the name *M. fusca*:

Cladopelma bicarinatum (Brundin, 1947)

Cladopelma virescens (Meigen, 1818)

Cryptochironomus redekii (Kruseman, 1933)

Demicryptochironomus (Irmakia) neglectus Reiss, 1988

Parachironomus varus (Goetghebuer, 1921)

Cladotanytarsus iucundus Hirvenoja, 1962

Cladotanytarsus lepidocalcar Krüger, 1938

Neozavrelia cuneipennis (Edwards, 1929) (see above)

Stempellina almi Brundin, 1947

Tanytarsus gibbosiceps Kieffer, 1922

Tanytarsus lactescens Edwards, 1929

Tanytarsus palettaris Verneaux, 1969

Bryophaenocladus aestivus Brundin, 1947

Bryophaenocladus ictericus (Meigen, 1830)

Bryophaenocladus xanthogyne (Edwards, 1929)

Metriocnemus (Metriocnemus) inopinatus Strenzke, 1959

Rheocricotopus (Psilocricotopus) tirolus Lehmann, 1969

Smittia nudipennis (Goetghebuer, 1913)

Arctopelopia melanosoma (Goetghebuer, 1933)

Labrundinia longipalpis (Goetghebuer, 1921)

Tanypus (Tanypus) kraatzi (Kieffer, 1912)

References

- Alexander, K.N.A. and Chandler, P.J. 2011. A notable assemblage of fungus gnats (Diptera, Sciarioidea) from St John's Wood, County Roscommon, Ireland. *Dipterists Digest (Second Series)* 18, 27-42.
- Murray, D.A. 2010. Records of Chironomidae (Diptera) in Ireland – twenty additions and notes on four morphotypes. *Bulletin of the Irish Biogeographical Society* 34, 85-96.