

Corrections and changes to the Diptera Checklist (15) – Editor

The notes below refer to 4 losses due to synonymy, deletion of 4 species and addition of 131 species, resulting in a new total of **6953** species.

Changes

Pediciidae. The following addition reported by K. MERRIFIELD (2003. communication at meeting of British Entomological and Natural History Society on 13 May 2003 (*British Journal of Entomology and Natural History* **16**, 199) has been repeatedly overlooked:
Ula mixta Starý, 1983

Bibionidae. The following new synonymies are proposed in the present issue:
Bibio longipes Loew, 1864 = *Bibio lepidus* Loew, 1871, syn. nov.
Bibio lanigerus Meigen, 1818 = *Bibio hybridus* Haliday, 1833, synonymy reinstated
Bibio varipes Meigen, 1830 = *Bibio edwardsi* Freeman & Lane, 1985, syn. nov.

Mycetophilidae. The following addition results from J. KJAERANDSEN and P.J. CHANDLER (2006. On the identity of *Pseudexechia parallela* (Edwards, 1925) (Diptera: Mycetophilidae) and description of a new related species from Great Britain. *British Journal of Entomology and Natural History* **19**, 41-49):
Pseudexechia monica Kjaerandsen & Chandler, 2006

The following change results from A.I. ZAITZEV, J. JAKOVLEV and A.V. POLEVOI (2006. Palaearctic species of the *Boletina nitida*-group (Diptera: Mycetophilidae) including the description of a new species. *Studia dipterologica* **12** (2005), 243-253):
Boletina bidenticulata Sasakawa & Kimura, 1974 = *dispecta*: Edwards, 1941, misident.
Deletion of *Boletina dispecta* Dziedzicki, 1885

Sciaridae. The following taxonomic changes and additions result from F. MENZEL, J.E. SMITH and P.J. CHANDLER (2006. The sciarid fauna of the British Isles (Diptera: Sciaridae), including descriptions of six new species. *Zoological Journal of the Linnean Society* **146**, 1-147). Citations of Menzel, 1998 refer to the Sciaridae part of the checklist, of which he was the author:

Bradysia fenestralis (Zetterstedt, 1838) = *arcana*: Menzel, 1998, misident. This name is reinstated to the British list but true *B. arcana* is also added (see below).

Bradysia rufescens: Menzel, 1998, misident. comprised material of both *B. lobulifera* Frey, 1948 and *B. rectinervis* Frey, 1948, both of which are added to the British list while *rufescens* is deleted.

Corynoptera recurvispina Freeman, 1987 = *dentiforceps*: Menzel, 1998, misident. All British material previously referred to both names is conspecific, resulting in deletion of *C. dentiforceps*

Corynoptera irmgardis (Lengersdorf, 1980) = *subtilis*: Menzel, 1998, misident. but the true *C. subtilis* (Lengersdorf, 1929) is also newly added (see below).

Corynoptera tetrachaeta Tuomikoski, 1960 = *inexpectata*: Menzel, 1998, misident. [misspelt as *inexpectata*]; *C. tetrachaeta* is thus new to the list but true *C. inexpectata* Tuomikoski, 1960 is also newly added (see below).

Leptosciarella (Leptosciarella) nigrosetosa (Freeman, 1990) is reinstated and its synonymy with *truncatula* Mohrig & Menzel, 1997 is proposed; = *truncata*: Menzel, 1998, misident.

Lycoriella (Hemineurina) inflata (Winnertz, 1867) = *venosa*: Menzel, 1998, misident. and *L. venosa* (Staeger, 1840) is deleted from the British list.

Lycoriella (Lycoriella) subterranea (Märkel, 1844) = *vanderwieli*: Freeman, 1983, misident. The species identified as *vanderwieli* by Freeman was placed in error in synonymy of *L. cellaris* by Menzel (1998) and is now reinstated under the name *subterranea*.

Sciara nursei Freeman, 1983 is reinstated and its synonymy with *ulrichi* Menzel & Mohrig, 1998 is proposed; it also = *flavomarginata*: Menzel, 1998, misident., so *flavomarginata* Mohrig & Mamaev, 1982 is deleted from the British list.

The above changes overall result in four deletions: *Bradysia rufescens*, *Corynoptera dentiforceps*, *Lycoriella venosa* and *Sciara flavomarginata*.

In the same paper the following 114 species were added to the British Isles list, those marked + from Ireland as well as from Britain and the two species marked ++ from Ireland only:

Bradysia angustata Tuomikoski, 1960
Bradysia angustocularis Mohrig & Krivosheina, 1989
Bradysia arcana Menzel & Mohrig, 1998 [previously included due to a misident.]
Bradysia ascenda Rudzinski, 1994
Bradysia austera Menzel & Heller in Menzel, Smith & Chandler, 2006 +
Bradysia brevispina Tuomikoski, 1960
Bradysia bulbostyla Mohrig & Menzel, 1990 +
Bradysia cinerascens (Grzegorzek, 1884 - *Sciara*) +
Bradysia flavipila Tuomikoski, 1960 +
Bradysia helleri Menzel & Mohrig, 1998
Bradysia heydemanni (Lengersdorf, 1955 - *Neosciara*)
Bradysia hildae Heller, 2000
Bradysia holsatica Heller, 2004
Bradysia ismayi Menzel in Menzel, Smith & Chandler, 2006
Bradysia kassebeeri Heller, 1998
Bradysia lembkei Mohrig & Menzel, 1990
Bradysia lobata Hondru, 1968 +
Bradysia lobulifera Frey, 1948
Bradysia longistylia Mohrig & Krivosheina, 1982
Bradysia lucichaeta Mohrig & Krivosheina, 1989
Bradysia moesta Frey, 1948
Bradysia nigrispina Menzel in Menzel, Smith & Chandler, 2006
Bradysia peraffinis Tuomikoski, 1960 +
Bradysia postrufescens Mohrig & Menzel, 1990
Bradysia pseudocampestris Mohrig, 1978
Bradysia pseudodalmatina Mohrig & Röschmann, 1993
Bradysia rectinervis Frey, 1948 +

Bradysia reflexa Tuomikoski, 1960
Bradysia splendida Mohrig & Krivosheina, 1989
Bradysia subalpina Frey, 1948
Bradysia subrufescens Mohrig & Krivosheina, 1989
Bradysia tenuicauda Mohrig & Menzel, 1990
Bradysia trispinifera Mohrig & Krivosheina, 1979
Bradysia vernalis (Zetterstedt, 1851 - *Sciara*) +
Bradysia zonata Rudzinski, 1993
Camptochaeta camptochaeta (Tuomikoski, 1960 - *Corynoptera*)
Camptochaeta consimilis (Holmgren, 1869 - *Sciara*)
Camptochaeta vivax (Frey, 1948 - *Bradysia*)
Corynoptera bicuspidata (Lengersdorf, 1926- *Sciara*)
Corynoptera bistrispina (Bukowski & Lengersdorf, 1936 - *Neosciara*)
Corynoptera cavipes Mohrig, 1993
Corynoptera concinna (Winnertz, 1867 - *Sciara*)
Corynoptera cuniculata (Lengersdorf, 1942- *Neosciara*)
Corynoptera dentata (Bukowski & Lengersdorf, 1936 - *Neosciara*)
Corynoptera flavosignata Menzel & Heller in Menzel, Smith & Chandler, 2006
Corynoptera fritzi Mohrig & Rulik, 2001
Corynoptera furcifera Mohrig & Mamaev, 1987
Corynoptera hemiacantha Mohrig & Mamaev, 1992
Corynoptera inexpectata Tuomikoski, 1960 [previously included due to a misident.]
Corynoptera inundata Fritz, 1982 +
Corynoptera levis Tuomikoski, 1960
Corynoptera luteofusca (Bukowski & Lengersdorf, 1936 - *Neosciara*)
Corynoptera macricula Mohrig & Krivosheina, 1986
Corynoptera melanochaeta Mohrig & Menzel, 1992
Corynoptera obscuripila Tuomikoski, 1960
Corynoptera postforcipata Rudzinski, 1993
Corynoptera postglobiformis Mohrig, 1993
Corynoptera praeforcipata Mohrig & Mamaev, 1987
Corynoptera praeparvula Mohrig & Krivosheina, 1983
Corynoptera saccata Tuomikoski, 1960
Corynoptera semisaccata Mohrig & Mamaev, 1987
Corynoptera spinifera Tuomikoski, 1960
Corynoptera spoeckeri (Lengersdorf, 1930 - *Neosciara*)
Corynoptera subdentata Mohrig, 1985
Corynoptera subfurcifera Mohrig & Hövemeyer, 1992 +
Corynoptera subtilis (Lengersdorf, 1929 - *Sciara*) [previously included due to a misident.]
Corynoptera tetrachaeta Tuomikoski, 1960
Corynoptera uncata Menzel & Smith in Menzel, Smith & Chandler, 2006
Corynoptera verrucifera (Lengersdorf, 1952 - *Neosciara*)
Corynoptera winnertzi Mohrig, 1993
Cratyna (Cratyna) ambigua (Lengersdorf, 1934 - *Plastosciara*)
Cratyna (Cratyna) contracta Mohrig & Röschmann, 1996
Cratyna (Diversicratyna) perornata (Mohrig & Röschmann, 1993 - *Corynoptera*)
Cratyna (Peyerimhoffia) hybrida (Mohrig & Mamaev, 1974 - *Plastosciara*)
Cratyna (Spathobdella) falcata (Tuomikoski, 1960 - *Plastosciara*)
Cratyna (Spathobdella) perplexa (Winnertz, 1867 - *Sciara*)
Cratyna (Spathobdella) phili Menzel, 2002 ++

Cratyna (Spathobdella) tuberculata (Tuomikoski, 1960 - *Plastosciara*)
Epidapus (Epidapus) alnicola (Tuomikoski, 1957 - *Vimmeria*)
Epidapus (Epidapus) microthorax (Börner, 1903 - *Aptanogyna*)
Epidapus (Epidapus) subgracilis Menzel & Mohrig in Menzel, Smith & Chandler, 2006
Epidapus (Pseudoaptanogyna) absconditus (Vimmer, 1926 - *Aptanogyna*)
Epidapus (Pseudoaptanogyna) echinatum Mohrig & Kozánek, 1992
Leptosciarella (Hirtipennia) parcepilosa (Strobl, 1900 - *Trichosia*)
Leptosciarella (Leptosciarella) brevipalpa (Mohrig & Menzel, 1992 - *Trichosia*)
Leptosciarella (Leptosciarella) dimera (Tuomikoski, 1960 - *Trichosia*)
Leptosciarella (Leptosciarella) fuscipalpa (Mohrig & Mamaev, 1979 - *Trichosia*) +
Leptosciarella (Leptosciarella) subviatica Mohrig & Menzel, 1997
LYCORIELLA Frey, 1942 subgenus **COELOSTYLINA** Tuomikoski, 1960
Lycoriella (Coelostylina) freyi Tuomikoski, 1960
Lycoriella (Lycoriella) felix (Schmitz, 1919 - *Bradysia*)
Lycoriella (Lycoriella) inconspicua Tuomikoski, 1960
Lycoriella (Lycoriella) micria Mohrig & Menzel, 1990
Lycoriella (Lycoriella) parva (Holmgren, 1869 - *Sciara*)
Lycoriella (Lycoriella) subterranea (Märkel, 1844 - *Sciara*)
Phytosciara (Dolichosciara) ornata (Winnertz, 1867 - *Sciara*) ++
Phytosciara (Dolichosciara) saetosa (Lengersdorf, 1929 - *Sciara*)
Pseudolycoriella brunnea (Bukowski & Lengersdorf, 1936 - *Neosciara*) +
Pseudolycoriella koreensis (Mohrig & Menzel, 1992 - *Lycoriella*)
Scatopsiara (Scatopsiara) bucera Rudzinski, 1994
Scatopsiara (Scatopsiara) calamophila Frey, 1948 +
Scatopsiara (Scatopsiara) fluviatiliformis Mohrig & Mamaev, 1987
Scatopsiara (Scatopsiara) latiptera Rudzinski, 1995
Scatopsiara (Scatopsiara) subciliata Tuomikoski, 1960
Scatopsiara (Xenopygina) curvilinea (Lengersdorf, 1934 - *Neosciara*)
Scatopsiara (Xenopygina) dentifera (Frey, 1936 - *Sciara*)
Scatopsiara (Xenopygina) gabyae (Heller, 1998 - *Bradysia*)
Scatopsiara (Xenopygina) simillima (Tuomikoski, 1960 - *Corynoptera*)
TRICHODAPUS Mohrig & Menzel, 1997
Trichodapus rhenanus (Fritz, 1982 - *Lestremioides*)
Trichosia (Trichosia) acrotricha Tuomikoski, 1960
Trichosia (Trichosia) borealis (Frey, 1942- *Sciara*)
Trichosia (Trichosia) flavicoxa Tuomikoski, 1960 +
XYLOSCIARA Tuomikoski, 1957 subgenus **PROTOXYLOSCIARA** Tuomikoski, 1960
Xylosciara (Protoxylosciara) longiforceps (Bukowski & Lengersdorf, 1936- *Neosciara*)
Xylosciara (Xylosciara) betulae Tuomikoski, 1960
Xylosciara (Xylosciara) spectabilis Rudzinski, 1992

Cecidomyiidae

The following has been treated as a valid species (see Changes to Irish Diptera List below):
Rabdophaga clausilia (Bremer, 1847 - *Cecidomyia*) +

Psychodidae. The following changes result from the present issue:

Brunettia should be replaced by **ATRICHOBRUNETTIA** Satchell, 1953
Telmatoscopus valachicus Vaillant, 1963 is added

Ceratopogonidae. The following synonymies are proposed in *Dasyhelea* sensu stricto by R.

SZADZIEWSKI and P. DOMINIĄK (2006. New synonyms of European Ceratopogonidae (Diptera). *Annales Zoologici* **56**, 139-146). This would result in two deletions, but further clarification is necessary as *D. dufouri* of the British list is clearly a different species: *Dasyhelea* (*D.*) *dufouri* and *D.* (*D.*) *versicolor* placed in synonymy under *D.* (*D.*) *flavifrons*

Hybotidae. The following species was added by M. CHVÁLA and S.M. HEWITT (2006. *Tachydromia calcarata* (Strobl) (Diptera: Hybotidae) new to Britain, with redescription of both sexes, and its correct classification within the *T. interrupta* group of species. *Entomologica Fennica* **17**, 8-12):
Tachydromia calcarata (Strobl, 1910 - *Tachysta*)

The following species is added in the present issue:
Tachydromia smithi Chvála, 1966

Dolichopodidae. The phylogenetic study by S.E. BROOKS (2005. Systematics and Phylogeny of Dolichopodinae (Diptera: Dolichopodidae) *Zootaxa* **8**, 57, 1-158) resulted in the following new combination (transfer from *Hercostomus*):
Poecilobothrus chrysozygos (Wiedemann, 1817 - *Dolichopus*)

The following species is added in the present issue:
Dolichopus excisus Loew, 1859

Phoridae. The following species was added by R.H.L. DISNEY (2006. A new species of *Megaselia* Rondani (Dipt., Phoridae) from Britain and a new synonym. *Entomologist's monthly Magazine* **142**, 31-39):
Megaselia shawi Disney, 2006

Pipunculidae. The following synonymy has been previously overlooked. According to K. VON DER DUNK and P. LAUTERER (1998. More details on the rare *Eudorylas furvulus* Collin and *Microcephalops opacus* (Fallén) Comb.n. (Diptera: Pipunculidae). *Acta Musei Moraviae, Scientiarum biologiae* **82**, 163-171) it should be known as:
Microcephalops opacus (Fallén, 1816 - *Cephalops*) = *vestitus* Becker, 1900 (*Pipunculus*)

Syrphidae. OPINION 2153 (Case 3259) (2006. *Eristalis* Latreille, 1804 (Insecta, Diptera): confirmation that the gender is feminine: *Musca nemorum* Linnaeus, 1758, *M. arbustorum* Linnaeus, 1758 and *M. horticola* De Geer, 1776 (currently *Eristalis nemorum*, *E. arbustorum* and *E. horticola*): usage of the specific names conserved by the designation of neotypes. *Bulletin of Zoological Nomenclature* **63**(2), 146-147) results in the following changes:
Eristalis nemorum (Linnaeus, 1758 - *Musca*) replaces *E. interrupta*.
Eristalis horticola is confirmed as the valid name, rather than *E. lineata* which was used for this species in the European revision of the genus by Hippa *et al.* (2001).
Eristalis abusiva and *E. intricaria* are the only species that change the spelling of their names due to the recognition that *Eristalis* is of feminine gender.

Piophilidae. A.L. OZEROV (2004. On classification of the Family Piophilidae (Diptera). *Zoologicheskoe Zhurnal* **83**, 1353-1360) has proposed the following changes: restoration of subfamily Neottiophilinae as a separate family **Neottiophilidae**, synonymy of the tribe Mycetaulini with Piophilini (this is the situation already in the checklist) and an overhaul of McAlpine's generic classification resulting in the following new generic synonymies:
Liopiophila a junior synonym of *Prochyliza*

Parapiophila (as well as the non-British *Arctopiophila* and *Boreopiophila*) a junior synonym of *Allopiophila*

The following species change their assignment:

Allopiophila flavipes (Zetterstedt, 1847 - *Piophila*)

Allopiophila vulgaris (Fallén, 1820 - *Piophila*)

Prochyliza varipes (Meigen, 1830 - *Piophila*)

Neottiophilidae. [see Piophilidae regarding proposed restoration of family status].

Agromyzidae. D. GIBBS and M. VON TSCHIRNHAUS (2006. *Agromyza viciae* Kaltenbach, 1872 new for the British Isles and Norway with the first description of the male and a literature review. *Studia dipterologica* **12** (2005), 429-441) added the following: *Agromyza viciae* Kaltenbach, 1872

The following species are added in the present issue:

Cerodontha (*Cerodontha*) ***affinis*** (Fallén, 1823 - *Chlorops*)

Cerodontha (*Cerodontha*) ***phragmitophila*** Hering, 1935 [*Cerodonta*]

Ophiomyia ***nasuta*** (Melander, 1913 - *Agromyza*)

Phytobia ***mallochi*** (Hendel, 1924 - *Dizygomyza*)

Phytomyza ***ranunculicola*** Hering, 1949

Heleomyzidae. A paper by A.J. WOZNICA (2004. Redescription of *Scoliocentra* (*Leriola*) *brachypterna* (Loew, 1873) (Diptera: Heleomyzidae) with description of a new species from Europe. *Polskie Pismo Entomologiczne* **73**, 327-338) results in the deletion of *Scoliocentra* (*Leriola*) *brachypterna* from the British list and its replacement by the following species: *Scoliocentra* (*Leriola*) ***collini*** Woznica, 2004

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

Telomerina ***eburnea*** Roháček, 1983

Drosophilidae. The preoccupied synonym *leucostoma* in *Amiota* should be transferred from *alboguttata* to the synonymy of *albilabris* according to J. MÁCA (2003. Taxonomic notes on the genera previously classified in the genus *Amiota* Loew (Diptera: Drosophilidae, Steganinae). *Acta Universitatis Carolinae Biologica* **47**: 247-274).

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

Lispocephala ***fuscitibia*** Ringdahl, 1944

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

Carcelia ***laxifrons*** Villeneuve, 1912

Changes to the Irish Diptera List (5) – Editor

The additions reported here bring the confirmed Irish list to **3188** species.

Limoniidae

Idioptera ***pulchella*** (Meigen, 1830) (added by Ashe *et al.* 2005)

Sciaridae. The following species were added by Menzel *et al.* (2006), two of them *Cratyna phili* and *Phytosciara ornata* at present unrecorded from Britain:

Bradysia ***austera*** Menzel & Heller in Menzel, Smith & Chandler, 2006

Bradysia ***bulbostyla*** Mohrig & Menzel, 1990

Bradysia cinerascens (Grzegorzek, 1884)
Bradysia difformis Frey, 1948
Bradysia flavipila Tuomikoski, 1960
Bradysia hilariformis Tuomikoski, 1960
Bradysia inusitata Tuomikoski, 1960
Bradysia lobata Hondru, 1968
Bradysia normalis Frey, 1948
Bradysia peraffinis Tuomikoski, 1960
Bradysia rectinervis Frey, 1948
Bradysia scabricornis Tuomikoski, 1960
Bradysia strenua (Winnertz, 1867)
Bradysia trivittata (Staeger, 1840)
Bradysia vernalis (Zetterstedt, 1851)
Corynoptera inundata Fritz, 1982
Corynoptera perpusilla Winnertz, 1867
Corynoptera recurvispina Freeman, 1987
Corynoptera saetistyla Mohrig & Krivosheina, 1985
Corynoptera subfurcifera Mohrig & Hövemeyer, 1992
Cratyna (Spathobdella) phili Menzel, 2002 ++
Leptosciarella (Leptosciarella) fuscipalpa (Mohrig & Mamaev, 1979)
Leptosciarella (Leptosciarella) scutellata (Staeger, 1840)
Lycoriella (Lycoriella) castanescens (Lengersdorf, 1940)
Lycoriella (Lycoriella) cellaris (Lengersdorf, 1934)
Phytosciara (Dolichosciara) ornata (Winnertz, 1867) ++
Pseudolycoriella brunnea (Bukowski & Lengersdorf, 1936)
Pseudolycoriella subbruckii (Mohrig & Hövemeyer, 1992)
Scatopsiara (Scatopsiara) calamophila Frey, 1948
Scatopsiara (Scatopsiara) neglecta Menzel & Mohrig, 1998
Scatopsiara (Xenopygina) weiperti Menzel & Mohrig, 1991
Trichosia (Trichosia) flavicoxa Tuomikoski, 1960

Cecidomyiidae

Dasineura irregularis (Bremi, 1847) (added by O'Connor 2006)
Rabdophaga clausilia (Bremi, 1847 - *Cecidomyia*) (added by O'Connor 2006) (this was treated as a nomen dubium in the checklist but is accepted as a good species without further comment by M. REDFERN and P. SHIRLEY. *British Plant Galls* 2002. 531 pp. Field Studies Council)

Dolichopodidae

Achalcus britannicus Pollet, 1996 (added by Speight 2005)

References

- Ashe, P., O'Connor, J.P., Chandler, P.J., Stubbs, A.E. and Vane-Wright, R.I. 2005. The craneflies (Diptera) of Ireland, Part 3. Limoniidae: Dactylolabinae and Limnophilinae. *Bulletin of the Irish Biogeographical Society* **29**, 312-344.
- Menzel, F., Smith, J.E. and Chandler, P.J. 2006. The sciarid fauna of the British Isles (Diptera: Sciaridae), including descriptions of six new species. *Zoological Journal of the Linnean Society* **146**, 1-147.
- O'Connor, J.P. 2006. Records of Irish galls in 2005 including seven species new to Ireland. *Cecidology* **21**, 6-8.

Speight, M.C.D. 2005. *Achalcus britannicus* (Diptera, Dolichopodidae) new to Ireland.
Bulletin of the Irish Biogeographical Society **29**, 278-279.