

Corrections and changes to the Diptera Checklist (11) - Editor

The notes below refer to deletion of 1 species, the loss of 3 names due to synonymy and addition of 22 species, resulting in a new total of **6796** species.

Keith Harris is responsible for the section reporting changes resulting from the World Catalogue of Cecidomyiidae.

Correction to Supplement (3)

Agromyzidae. *Agromyza idaeiana* (Hardy, 1853 – *Calyptomyza*); parentheses added to author.

Changes

Mycetophilidae. A. POLEVOI and K. HEDMARK (2004. New species of the genus *Boletina* Winnertz (Diptera: Mycetophilidae) from Fennoscandia. *Entomologica Fennica* **15**, 23-33) have indicated that *Boletina nigrofusca* of the British list is a misidentification and that the Scottish records relate to a species newly described from Russia (Karelia) and Finland:

Boletina kivachiana Polevoi & Hedmark, 2004 = *nigrofusca*: Edwards, 1925, misident..

Sciaridae. It should have been mentioned in the previous supplement that *Leptosciarella subspinulosa* should be deleted from the British checklist as well as the Irish list, its synonymy with *L. pilosa* having been confirmed (F. Menzel *pers. comm.*).

Cecidomyiidae. The following species was deleted from the British list by K.M. HARRIS (2003. Fruit galls on *Rumex obtusifolius* L. induced by *Contarinia rumicis* (Loew) (Diptera, Cecidomyiidae). *Cecidology* **18**, 23-27): *Contarinia scutati*

The following additions result from the paper by K.M. HARRIS in the present issue:

COLOMYIA Kieffer, 1892 (in Porricondylinae, Asynaptini)

Colomyia appendiculata Kieffer, 1901

BREMIA Rondani, 1860 (in Cecidomyiinae, Cecidomyiidi, Asphondyliini)

Bremia ciliata Kieffer, 1904

Bremia longipes (Kieffer, 1901 – *Dicrodiplosis*)

Bremia tristis Felt, 1914

Coquilletomyia dentata Felt, 1908 = *caricis* (Möhn, 1955 – *Picrodilposis*)

Coquilletomyia nigricornis Mamaev, 1973

EPIDIPLSIS Felt, 1908 = GERSONOMYIA Nijveldt, 1965 (in Cecidomyiinae, Cecidomyiidi, Cecidomyiini)

Epidiplosia filifera (Nijveldt, 1965 – *Gersonomyia*)

HYPERDIPLOSIS Felt, 1908 (in Cecidomyiinae, Cecidomyiidi, Cecidomyiini)

Hyperdiplosis bryanti (Felt, 1913 – *Coquilletomyia*)

Hyperdiplosis lobata (Felt, 1907 – *Coquilletomyia*)

KARSHOMYIA Felt, 1908 (in Cecidomyiinae, Cecidomyiidi, Cecidomyiini)

Karshomyia caulicola (Coquillett, 1895 – *Diplosis*)

Karshomyia ramosa (Kieffer, 1909 – *Bremia*)

TESSARADIPLOSIS Baylac, 1988 (in Cecidomyiinae, Cecidomyiidi, Cecidomyiini)

Tessaradiplosis entomophila (Perris, 1855 – *Cecidomyia*)

RHIZOMYIA Kieffer, 1898 (in Cecidomyiinae, Brachineuridi, Rhizomyiini)

Rhizomyia detrita Mamaev, 1967

Rhizomyia selecta Mamaev, 1967

CONIOPHORA Nijveldt, 1959 (in Cecidomyiinae, Lasiopteridi, Dasineurini))

Coniophora graminicola Nijveldt, 1959

Coniophora autumnalis (Mamaev, 1961 – *Procystiphora*)

The following change results from a note by K.M. HARRIS in the present issue:

COCCOPSILIS Harris, 2004 = COCCOPSIS de Meijere, 1901 resurrected from synonymy in *Holoneurus* (Porricondylinae, Holoneurini)

Coccopsilis marginata (de Meijere, 1901 – *Coccopsis*), from *Holoneurus*.

A Catalog of the Cecidomyiidae (Diptera) of the World (R.J. GAGNÉ. 2004. *Memoirs of the Entomological Society of Washington* **25**, 1-408) supports the following amendments to the British checklist. Bold type indicates new additions and corrections. The tribal groupings outlined by Gagné are used here but of necessity he left many genera unplaced, indicating the great need for further taxonomic research on this major family of Diptera. For reasons stated in his introductory comments on taxonomic considerations (*loc. cit.* p. 9) Gagné has reversed two changes in the British checklist proposed under Article 23.9 of the 4th Edition of the International Code of Zoological Nomenclature by K.P. BLAND (2000. *Dipterists Digest (Second Series)* **7**, 9-14). His reasons for doing this are noted under the two species affected, *Macrodiplosis roboris* and *Dasineura rosae*.

Lestremiinae

MONARDIA Kieffer, 1895

M. JASCHHOF (1998. *Studia dipterologica* – Supplement 4) transferred TRICHOPTEROMYIA Williston, 1896 and XYLOPRIONA Kieffer, 1913 to MONARDIA as subgenera. MONARDIA (subgenus MONARDIA) now includes *antennata* (Winnertz), *magna* Edwards, *monilicornis* (Zetterstedt), *obsoleta* Edwards, *stirpium* Kieffer and *ulmaria* Edwards; MONARDIA (subgenus TRICHOPTEROMYIA) includes *modesta* Williston, 1896 and MONARDIA (subgenus XYLOPRIONA) includes *atra* and *toxicodendri*.

Porricondylinae

Dicerurini

The transfer of *Tetraneuromyia ramosa* to PARATETRANEUROMYIA Spungis, 1987 has been noted previously, but not its synonymy with *P. nobilis*:

Paratetraneuromyia nobilis (Felt, 1913 - *Asynapta*) = *ramosa* (Panelius, 1965).

Holoneurini (ex Porricondylini)

CASSIDOIDES Mamaev, 1960 resurrected from synonymy in *Holoneurus*.

Cassidoides pini Mamaev, 1960 (from *Holoneurus*).

Porricondylini

Porricondyla albiceps (Walker 1856 – *Cecidomyia*) transferred from *nomina dubia* by S. PANELIUS (1965. *Acta zoologica fennica* **113**, p. 36)

Porricondyla lata Mamaev, 1965, resurrected from synonymy under *dilatata* Felt. Occurrence of *P. lata* in England is based on three males in the BMNH examined by S. PANELIUS (1965. *loc. cit.*, p. 48).

Cecidomyiinae

Cecidomyiidi

Supertribe Asphondyliidi is reduced to tribe Asphondyliini in Cecidomyiidi.

Blastodiplosis cocciferae is transferred to *Phyllodiplosis*.

Contarinia barbichei Kieffer, 1890 – justified emendation by Kieffer, 1898.

Contarinia cracca (Loew, 1850 – *Cecidomyia*) = *Contarinia cracca* Kieffer, 1897 – new synonymy.

Contarinia pisi (Loew, 1850 – *Cecidomyia*) = *Contarinia pisi* Winnertz, 1854 – new synonymy.

Contarinia solani (Rübsaamen, **1892**) – amended date.

Contarinia verna (Curtis, 1827) – new combination from *nomina dubia*. Curtis' original illustration shows that this species belongs in *Contarinia*.

GEODIPLOSIS synonymised in RESSELIELLA and *G. ranunculi* transferred; for convenience it is regarded as synonymous with *Lestodiplosis ranunculi*, already included in *Resseliella* in the checklist, although Kieffer described the latter (on the same page) as a predator of *Geodiplosis ranunculi*.

Hadrobremia longiventris (Kieffer, **1901**) – amended date.

Lestodiplosis firenii (Kieffer, 1888) – correct original spelling.

Loewiola serratulae (**Kieffer, 1905**) – authorship attributed to Kieffer in Goury & Guignon, 1905.

Macrodiplosis pustularis (Bremi, 1847) – new combination, = *Macrodiplosis dryobia* (F. Löw, 1877) – new synonymy.

Macrodiplosis roboris (Hardy, 1854 – *Cecidomyia*) = *Macrodiplosis volvens* (Kieffer, 1895) – reversal of designation of *roboris* Hardy as a *nomen oblitum* by K.P. BLAND (2000. *loc. cit.*) as he did not show that the conditions of Article 23.9.2 were met.

Mycodiplosis inimica (Fitch, 1861 – *Cecidomyia*) = *Mycodiplosis plasmoparae* Rübsaamen, 1906, = *Isodiplosis deuthera* Milne, 1960.

PHYLLODIPLOSIS Kieffer, 1912

Phyllodiplosis cocciferae (Tavares, 1901) – transferred from BLASTODIPLOSIS.

Delete PLEMELIELLA: the only British species, *betulicola*, has been transferred to RESSELIELLA.

RESSELIELLA Seitner, 1906 = GEODIPLOSIS Kieffer, 1909 – new synonymy.

Resseliella betulicola (Kieffer, 1889 – *Diplosis*) – new combination.

Resseliella ranunculi (Kieffer, 1909 – *Geodiplosis*) – new combination, = *Resseliella ranunculi* (Kieffer, 1909 – *Lestodiplosis*) – new synonymy.

Lasiopteridi

Lasiopterini

Hybolasioptera fasciata (Kieffer, 1904 – *Lasioptera*) = *Cecidomyia cerealis* of Lindeman, 1881 – misidentification of *Cecidomyia cerealis* Fitch, 1845.

Lasioptera francoisi (Kieffer, **1902**) – amended date.

Ledomyini

LAUTHIA Kieffer, 1912

Lauthia cardui (Kieffer, 1904) = *Ledomyia cardui* Kieffer, 1904 – new combination.

Oligotrophini

This tribe is now restricted to genera associated with galls on Cupressaceae (especially *Juniperinus*), including *Arceuthomyia* (which is doubtfully British), *Oligotrophus* and *Schmidtella* (which is probably a junior synonym of *Oligotrophus*).

Dasineurini (ex Oligotrophini)

Gagné included the following British genera in this tribe: *Arnoldiola*, *Bayeriola*, *Bremiola*, *Coniophora*, *Dasineura*, *Fabomyia*, *Geocrypta*, *Gephyraulax*, *Giraudiella*, *Hartigiola*, *Jaapiella*, *Janetiella*, *Kaltenbachiola*, *Lathyromyza*, *Macrolabis*, *Neomikiella*, *Rabdophaga*, *Rondaniola*, *Spurgia*, *Wachtliella* and *Zygiobia* and noted how little basis there is for separating some of these genera.

ARNOLDIOLA Strand, **1928** – amended date.

Arnoldiola gemmae (Giraud, 1868 – *Cecidomyia*) – new combination, = *Cecidomyia gemmae* Rübtsaamen, 1892, new synonymy.

Dasineura angelicae Rübtsaamen, **1916** – amended date.

Dasineura artemisiae Rübtsaamen, **1916** – amended date.

Dasineura aucupariae (Kieffer, **1909**) – amended date.

Dasineura auritae Rübtsaamen, **1916** – amended date.

Dasineura brassicae – see *Dasineura napi*.

Dasineura cardaminicola Rübtsaamen, **1916** – amended date.

Dasineura filicina – see *Dasineura pteridis*.

Dasineura marginemtorquens (Bremi, 1847) – transferred from *Rabdophaga*.

Dasineura miki (Kieffer, **1909**) – amended date.

Dasineura napi (Loew, 1850 – *Cecidomyia*), new combination, = *Dasineura brassicae* (Winnertz, 1853) – new synonymy.

Dasineura pteridis (Müller, 1871 – *Cecidomyia*), new combination, = *Dasineura filicina* (Kieffer, 1889) – new synonymy.

Dasineura rosae (Bremi, 1847) = *Cecidomyia rosarum* Hardy, 1854, synonymised by Hardy (1854), = *Wachtliella rosarum* (Hardy). This reverses the unjustified designation of *rosae* as a *nomen oblitum* by K.P. BLAND (2000. *loc. cit.*) as Hardy had already synonymised his name under *rosae* in 1854 (*The Scottish Gardener* **3**, 168-171) and R.J. GAGNÉ (1972. *Proceedings of the Entomological Society of Washington* **74**, 321-326) used *rosae*, so the conditions of Article 29.9.2 do not apply.

Dasineura symphyti (Rübtsaamen, **1892**) – amended date.

Dasineura tetensi (Rübtsaamen, **1892**) – amended date.

Dasineura tubicola – see *Dasineura tubicoloides*.

Dasineura tubicoloides Gagné, 2004 – new name for *Cecidomyia tubicola* Kieffer, 1889, junior primary homonym of *Cecidomyia tubicola* Osten Sacken, 1862.

Geocrypta campanulae (Müller, 1871 – *Cecidomyia*) – new combination, = *Cecidomyia trachelii* Wachtl, 1885 – new synonymy.

Jaapiella cirsiicola Rübtsaamen, **1916** – amended date.

Macrolabis jaapi Rübtsaamen, **1916** – amended date.

Macrolabis lamii Rübtsaamen, **1916** – amended date.

Neomikiella lychnidis (von Heyden) – see *Neomikiella lychnidis* (Vallot).

Neomikiella lychnidis (Vallot, 1827 – *Cecidomyia*) – new combination, = *Neomikiella lychnidis* (von Heyden, 1861) – new synonymy.

Rabdophaga cinerearum – see *Rabdophaga strobilina* (synonymy accepted; see Note 31 of checklist)

Rabdophaga jaapi Rübtsaamen, 1916 = *Rabdophaga repentis* Skuhrová, 1986 – proposed as a new name to avoid homonymy with *Dasineura jaapi* Rübtsaamen, 1914 when the species was assigned to *Dasineura* by Skuhrová.

Rabdophaga nielsenii Kieffer, 1906 – amended spelling and author attribution.

Rabdophaga strobilina (Bremi, 1847) = *Rabdophaga rosaria* (Loew, 1850), = *Rabdophaga cinerearum* (Hardy, 1850), = *Cecidomyia capreae* Hardy, 1854 – synonymy of *cinerearum* supported (listed separately in checklist for reasons stated in Note 31).

Spurgia capitigena – see *Spurgia euphorbiae*.

Spurgia euphorbiae (Vallot, 1827 – *Cecidomyia*) – new combination, = *Cecidomyia capitigena* Bremi, 1847 – new synonymy.

Wachtliella rosarum – see *Dasineura rosae*.

Poomyini (ex Oligotrophini)

Gagné included the British genera *Mayetiola* and *Pemphigocecis* (as synonyms) in this tribe: MAYETIOLA Kieffer 1896 = PEMPHIGOCECIS Rübsaamen, 1916 – synonymy by M. ERTEL (1975. *Stuttgarter Beiträge zur Naturkunde (A)* **267**, 1-64) accepted.

Mayetiola phalaris Barnes, **1927** – amended date.

Mayetiola graminis (Fourcroy, 1785 – *Cynips*) – new combination, = *Cecidomyia poae* Bosc d'Antic, 1817 – new synonymy.

Mayetiola poae – see *Mayetiola graminis*.

Mayetiola ventricola (Rübsaamen, 1899 – *Oligotrophus*) transferred from *Pemphigocecis*.

PEMPHIGOCECIS – see MAYETIOLA.

Rhopalomyiini (ex Oligotrophini)

Gagné included the British genera *Misopatha* and *Rhopalomyia* (as synonyms) in this tribe: MISOPATHA – see RHOPALOMYIA.

RHOPALOMYIA Rübsaamen, 1892 = MISOPATHA Kieffer, 1913 – synonymised by R.J. GAGNÉ (1994. *The gall midges of the Neotropical Region* p. 93).

Rhopalomyia grossulariae Felt 1911 is an unplaced species of Cecidomyiinae.

Rhopalomyia palearum (Kieffer, 1890) = *Misopatha palearum*.

Trotteriini (ex Oligotrophini)

Gagné included the following British genus in this tribe: *Trotteria*.

Unplaced Lasiopteridi

Gagné has been unable to determine tribal placings for many genera, including the following genera that are currently included in the British checklist: *Amerhapha*, *Blastomyia*, *Craneiobia*, *Cystiphora*, *Didymomyia*, *Iteomyia*, *Mikiola*, *Mikomya*, *Phegomyia*, *Physemocecis*, *Psectrosema*, *Sackenomyia*, *Semudobia* and *Taxomyia*.

Blastomyia origani (Tavares, **1901**) – amended date.

Cystiphora sonchi (Vallot, **1827** – *Cecidomyia*) – new combination, = *Cystiphora sonchi* (Bremi, 1847).

Iteomyia major (Kieffer, **1898**) – amended date.

Psectrosema tamaricis (De Stefani, 1902) – amended author.

Unplaced species of Cecidomyiinae

Gagné lists as unplaced the species of *Cecidomyia* described by Walker (1856) and recorded by Chandler (1998) as *nomina dubia*. Type specimens of most of these species are present in the Stephens Collection in the Natural History Museum, London. They are dry-mounted on pins and most are in such poor condition that it may not be possible to identify them to genus, let alone to species.

Culicidae. Authorship of RUSTICOIDUS, transferred as a subgenus from *Aedes* to *Ochlerotatus* by Reinert (2000), was omitted in this section in the previous issue. It is Shevchenko & Prudkina, 1973.

Chironomidae. The following species was added from Ireland in the previous issue and mentioned in the update of the Irish list but inadvertently omitted from the checklist changes section:

Chaetocladius insolitus Caspers, 1987++

The following species was added by B. MICHIELS and M. SPIES (2002 Description of *Conchapelopia hittmairorum* spec. nov., and redescription of similar western Palaearctic species (Insecta, Diptera, Chironomidae, Tanypodinae). *Spixiana* **25**, 251-272):

Conchapelopia hittmairorum Michiels & Spies, 2002

Dolichopodidae. **GYMNOPTERNUS** has been raised from a subgenus of *Hercostomus* to generic rank, to include all the species listed under it in the checklist, resulting from a comparative morphological study by M. POLLET (2004. A critical note on the systematic position of *Gymnopternus* (Diptera: Dolichopodidae). *Studia dipterologica* **10**, 537-548).

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

Earomyia netherlandica MacGowan, 2004

Odiiniidae. The following change is proposed in the present issue:

Odinia rossi MacGowan & Rotheray, 2004 = *Odinia betulae* MacGowan & Rotheray, 2002, preocc.

Chloropidae. The following synonymy was proposed by E.P. NARTSHUK (2002. Additions and corrections to Chloropidae (Diptera) of Poland. *Annales Zoologici* **52**(2), 319-325):

Dicraeus styriacus (Strobl, 1898) = *Dicraeus vallaris* Collin, 1946

[*D. styriacus* sensu Collin, 1946 is a different species (J. Ismay pers. comm.)].

Fanniidae and Muscidae. *Anthomyia elapsa* Walker, 1865 has been transferred from the synonymy of *Fannia scalaris* to that of *Hydrotaea irritans* by A.C. PONT (2004. Newly-discovered types of Muscidae and Anthomyiidae (Diptera) described by Francis Walker and located in the Melbourne Museum, Australia. *Studia dipterologica* **10**, 673-678).