

## Corrections and changes to the Diptera Checklist (1) - Editor

Corrections in Cecidomyiidae were supplied by Margaret Redfern, and Raymond J. Gagné who has compared the list with his world catalogue of the family in preparation.

As indicated in the Review of the German checklist (p. 62 below), a comparison has been made with the British list to assess the differences. This led to detection of some errors in the British list, which are included among those indicated below. There are also about 20 differences in specific nomenclature, authorship or publication dates, of which the validity has not yet been resolved and most of these have been referred to specialists.

In the notes below where names of genera and species are given as in the checklist, authorship is not stated here. Corrections are in page order; changes are listed under families; names new to the British list are given in bold type.

The notes below result in loss of five names due to synonymy (indicated by \*) and addition of 16 species, a net gain of 11 resulting in a new total of **6679** species.

### Corrections

- p. 24 Line 7 from bottom, delete b in Robbins (1995b); only one reference in that year is cited.
- p. 27 Delete *Anthodiplosis* from synonymy under AMETRODIPLOSIS.  
APHIDOLETES *urticariae* should be amended to *urticaria*.  
Delete *acarisuga*\* under ARTHROCNODAX (this species was also listed, correctly, under FELTIELLA).  
The authorship of *Camptodiplosis auriculariae* should be amended to Buxton & Barnes.
- p. 28 The authorship of *Contarinia artemisiae* should be Rübsaamen, not Kieffer.
- p. 29 The date for *Dichodiplosis langeni* should be 1910.  
The species name *affinis* was omitted before Barnes, 1928 in LESTODIPLOSIS.
- p. 30 The date for *Monobremia subterranea* should be 1913; it was a nomen nudum in 1898.
- p. 31 Under *Lasioptera arundinis* the host should be *Phragmites australis* (not *communis*).  
Under *L. rubi* the synonym and homonym *rubi* Heeger in Loew, 1850 cited as a nomen nudum, was validated in 1851; this does not affect the citation for *rubi* (Schrank, 1803).
- p. 33 The original genus for *Dasineura graminis* was *Dasyneura* (not *Perrisia*) so the parentheses should be deleted.
- p. 36 The authorship for *Rabdophaga nielsenii* should be Kieffer in Kieffer & Nielsen.  
*Rabdophaga rosaria* should be replaced by its senior synonym *strobilina* (Bremi, 1847 - *Cecidomyia*).
- p. 46 The last sentence of the introduction to Trichoceridae should be deleted, as the two species mentioned are not listed, but dealt with in Note 1.
- pp. 62-67 The last two names on each of these pages is listed as being on the following page in the Index. METRIOCNEMUS appears elsewhere on both pages 63 and 64.
- p. 64 The date for *Orthocladus maius* should be 1942, not 1992.
- p. 79 LEPTOGASTERINAE should be LEPTOGASTRINAE and the generic name LEPTOGASTER should appear before Meigen, 1803 in the following line.  
The author of NEOMOCHTHERUS should be Osten Sacken without a hyphen.

- p. 82 The date for *Platypalpus aristatus* should be 1926, not 1961.
- p. 102 Under DISNEY 1981a and 1981b, the volume number should be **116**: not 110.  
Under DISNEY 1982i, the volume number should be **33**: not 37.
- pp. 104, 106 and 108 References to Note 26 under CHEILOSIA, LAPPOSYRPHUS and SPHAEROPHORIA should be to Note 27; p. 105. Add Note 26 under CRIORHINA.
- p. 120 The second sentence in the introduction to Lonchaeidae is inaccurate, as *Silvestrodasiops* was not recognised in the checklist, but listed as a synonym of DASIOPS.
- p. 136 *Melanagromyza tripolii* author should be Hering, 1957, as description of the larva by Hering preceded (in April) that of the adult by Spencer, 1957 (in December).  
*Ophiomyia aquilegiana* author's name is correctly spelt Lundqvist (not Lundquist).
- p. 137 *Liriomyza huidobrensis* author should be in parentheses: (Blanchard, 1926 - *Agromyza*).
- p. 138 *Liriomyza trifolii* authorship should be (Burgess in Comstock, 1880 - *Oscinis*).  
*Phytomyza autumnalis* author should be Hering, 1957; although based on the larva only, (the adult being described by Griffiths, 1959) the name is valid from the earlier date according to ICZN Code Article 17 (2) as stated in the introduction to Cecidomyiidae.
- p. 147 Under RHOPALOPTERUM, *atricilla* should be on a separate line to *anthracinum*.
- p. 157 The citation of MÁCA 1980 should be **77**: 328-346. That given is for his 1977 paper.
- p. 166 Tribe Hydrophorini should be Hydrophoriini.
- p. 168 The authorship of *Pegomya rubivora* should be "in Slingerland" (not Slingusland).
- p. 170 *Fannia atripes* authorship should be Stein, 1916 without parentheses, not 1895.
- p. 215 Page xii listed under melanosoma should be under MELANOSTOMA.
- INDEX There was a problem with the programme used to produce this, which deleted generic names spelt the same as species names. The 44 such names identified (e.g. ATHERIX) were entered by hand; unfortunately some were missed and 11 have been noticed (BREMIA, CULICOIDES, DIPLOSIS, ECCOPTOMERA, FLABELLIFERA, HELIOPHILUS, MACROPTERA, NODICORNIS, OPACIFRONS, PLATYCEPHALA, POECILOPTERA); in these cases the genus is omitted and page numbers for the genus appear under the species name.

## Changes

**Limoniidae.** *Idiocera connexa* of the British list is a misidentification and should be replaced by *I. sziladyi* (Lackschewitz, 1940 - *Gonomyia*) as suggested in the Palaearctic Catalogue (this has been confirmed from genitalia figures supplied by Jaroslav Starý to Alan Stubbs, *pers. comm.*).

**Mycetophilidae.** The changes in ALLODIA and EXECHIA attributed to Kallweit (in press) were published by U. KALLWEIT (1998. *Studia dipterologica* **5**, 153-157).

**Sciaridae.** Some changes attributed to MENZEL & MOHRIG 1998 were not as indicated made in the monograph cited, which is not yet published, but did appear in a separate paper by these authors in *Studia dipterologica* **5**, 351-378 (published 29 December 1998). This included all the changes in generic status or synonymy, the description of the new genus PSEUDOLYCORIELLA, subgenus DIVERSICRATYNA and species *Bradysia arcana*, *Scatopsiara neglecta* and *Sciara ulrichi*. Other changes, i.e. new specific synonymies and corrections of misidentifications, attributed to MENZEL & MOHRIG 1998, have not yet

been published by these authors.

New changes affecting the British list in this paper were description of a new subgenus **ALLOZYGONEURA** Menzel & Mohrig, 1998 to include *Zygoneura calthae* and synonymy of *Scatopsciara pusilliformis*\* with *S. pusilla* (these two being listed separately in the checklist).

**Cecidomyiidae.** *Dasineura galiicaulis* Stelter on *Galium verum* was added by J. ROBBINS (1998. *Cecidology* **13**, 31). As Robbins stated, this name was given in Buhr (1964. *Bestimmungstabellen der gallen (Zoo- und Phytocecidien) an Pflanzen Mittel- und Nordeuropas*. Band 1. Fischer, Jena) and attributed to Stelter. However, as no description of the insect was published and, as indicated in the introduction to this family, names based only on galls and published after 1931 are not valid, this name must be treated as a nomen nudum (as it was by SKUHRAVÁ 1986) and should not be included on the British list.

The monograph of Lestremiinae by M. JASCHHOF, cited as Jaschhof (in press) was published: 1998. *Studia dipterologica Supplement* **4**, 1-552.

*Tetraneuromyia ramosa* was transferred to **PARATETRANEUROMYIA** Spungis, 1987 by V. SPUNGIS (1987. *Latvijas Entomologs* **30**, 15-42).

*Contarinia floricola* (Oettingen. 1927 - *Phytophaga*) is an earlier name for *C. poae* according to Raymond Gagné (*pers. comm.*)

**Trichoceridae.** STARÝ (1998. *Studia dipterologica* **5**, 175-186) has redefined subgenera in TRICHOCERA, such that most British species now belong to subgenus **METATRICHOCERA** Dahl, 1966. Only *hiemalis* and *major* remain in TRICHOCERA sensu stricto.

**Scatopsidae.** *Neorhegmoclemina catharinae*, cited as added by Peacey (in press), was added by M. PEACEY and J.W. ISMAY (1998. *Entomologist's monthly Magazine* **134**, 351-352).

CHANDLER (1998. *Dipterists Digest (Second Series)* **5**, 83-88) added the genus **PHARSOREICHERTELLA** Cook, 1956 and its species *P. simplicinervis* (Duda, 1928 - *Scatopse*). In the present issue changes are made to ANAPAUSIS, including confirmation of *retinervis* and addition of *dalmatina* Duda, 1928 and *floricola* Chandler, 1999.

**Dolichopodidae.** SYSTEMUS has been revised following examination of type specimens by C. KASSEBEER (1998. *Dipteron* **1**, 10-20), resulting in changes to the British list. *S. tener* is restored to specific rank. *S. pallidus*\* is, as suggested in Note 8, synonymised with *S. pallipes* and the synonymy of *alpinus* with *scholtzii* is confirmed.

*Campsicnemus umbripennis* Loew, 1856 subspecies *hispanicus* Strobl, 1899 has been found in Dorset by Ivan Perry (*pers. comm.*) (determined by Peter Dyte) (cited in *Bulletin of the Dipterists Forum* No. 47, p. 24); it will be added formally in the next issue of *Dipterists Digest*.

**Syrphidae.** The *Platycheirus* species mentioned in Note 27 was described as *P. splendidus* Rotheray, 1998 (*Entomologist's Gazette* **49**, 271-276).

**Pipunculidae.** *Eudorylas caledonicus* Ackland, 1999 is described in the present issue.

In the German checklist the name *opacus* Fallén, 1816 is used for *Microcephalops vestitus*. Apparently this synonymy is correct at the specific level, but its acceptance results in other problems because *opacus* is the type-species of EUDORYLAS and would involve transfer of this name to *Microcephalops* and application of a new name to the present concept of *Eudorylas* (Marc de Meyer *pers. comm.*). An application to ICZN is proposed (De Meyer

and Skevington in preparation) in order to maintain current usage so replacement of *vestitus* is not accepted here pending this application.

**Lonchaeidae.** *Lonchaea affinis* Malloch, 1920 is added in the present issue.

**Pallopteridae.** The species mentioned in Note 3 has been described as *Palloptera anderssoni* Rotheray & MacGowan (1999. *British Journal of Entomology and Natural History* **11**, 175-179).

**Tephritidae.** The record of *Bactrocera cucurbitae* (Imported species) was reported by A.A. ALLEN (1999. *Entomologist's Record and Journal of Variation* **111**, 36).

**Sciomyzidae.** *Pherbellia stylifera* Rozkošný, 1982 is added in the present issue (p. 29).

**Agromyzidae.** Details of *Phytomyza diversicornis* and *P. rostrata* were given by K.P. BLAND (1999. *Entomologist's Gazette* **50**, 51-52) and of *Aulagromyza lucens* by J.C. DEEMING (1999. *British Journal of Entomology and Natural History* **11**, 172-174). The three *Phytomyza* species associated with *Trollius*, included in the checklist, are confirmed in the present issue.

In the German checklist, M. VON TSCHIRNHAUS (1999. Agromyzidae, pp. 118-130), *Cerodontha* (subgenus *Dizygomyza*) *gallica*\* is newly synonymised with *C. (D.) morosa*.

**Braulidae.** *Braula schmitzi* has been confirmed and fully characterised by J.R. DOBSON (1999. *British Journal of Entomology and Natural History* **11**, 139-148).

**Chloropidae.** In the German checklist (H. WENDT. 1999. Chloropidae, pp. 140-143) *Elachiptera uniseta* is newly synonymised with *austriaca* Duda, 1932; this synonymy was based on examination of types of both species so is accepted here.

J.W. ISMAY (1999. *Entomologist's monthly Magazine* **135**, 1-37) has added the genus CHLOROPSINA Becker, 1911 including two new species *varleyi* Ismay, 1999 and *pulicaria* Ismay, 1999; he also formally added *Chlorops scutellaris*.

**Chyromyidae.** *Gymnochiromyia mihalyii* Soós, 1979 was added by M.J. EBEJER (1998. *Studia dipterologica* **5**, 19-29).

**Ephydriidae.** Late changes were made to the checklist to recognise that all species of HYDRELLIA included by Collin (1966) were British, as shown by specimens in his collection. The 1976 list had included some changes from this paper but not those indicated on p. 159; two species cited from British localities (*concolor* and *fusca*) and two others without locality details (*albifrons* and *fascitibia*) were thus added, but one other (*nigricans*) was not included because Collin queried his identification; this was thus assumed to require confirmation, but as later authors have evidently accepted Collin's interpretation of the name, it is considered here that *H. nigricans* (Stenhammar, 1844 - *Notiphila*) should be added to the list.

PHILYGRIA has been revised by V. HOLLMANN-SCHIRRMACHER (1998. *Studia dipterologica Supplement* **5**, 1-144), resulting in the following changes to the British list: NOSTIMA was synonymised with *Philygria* and *picta* transferred; although *semialata* was not mentioned, it is included in *Philygria* in the German checklist contributed by the same author.

*P. femorata* (Stenhammar, 1844 - *Notiphila*) = *posticata*: auctt., misident and replaces it on the British list.

*P. maculipennis*\* was synonymised with *P. interstincta*, of which it was considered a darker form.

*P. morans* (Cresson, 1930 - *Hydrina*) was added to the British list, based on specimens in the Cambridge University Museum.

**Anthomyiidae.** As subgenera in PEGOMYA were recognised in the latest *Anthomyiidae Newsletter* No 6 (February 1999), it is considered useful to indicate which species belong to the two subgenera (information from Michael Ackland):

Subgenus PEGOMYA sensu stricto (20 species): *betae*, *bicolor*, *conformis*, *cunicularis*, *depressiventris*, *dulcamarae*, *exilis*, *flavifrons*, *haemorrhoum*, *holostea*, *hyoscyami*, *interruptella*, *laticornis*, *nigrisquama*, *rugulosa*, *seitenstettensis*, *setaria*, *solennis*, *steini*, *versicolor* (this group have short ovipositors and larvae with three or more teeth on the mouth hooks; all are leaf miners).

Subgenus PHORAEA Robineau-Desvoidy, 1830 (26 species): *argyrocephala*, *caesia*, *calyprata*, *circumpolaris*, *deprimata*, *fulgens*, *furva*, *geniculata*, *incisiva*, *maculata*, *meridiana*, *notabilis*, *pallidoscutellata*, *provecta*, *pulchripes*, *rubivora*, *rufina*, *sociella*, *tabida*, *testacea*, *transgressa*, *transversa*, *ulmaria*, *vittigera*, *winthemi*, *zonata* (these have longer ovipositors and larvae with fewer teeth on their mouth hooks; most species are fungus feeders, although some develop in higher plants, where they are stem feeders, e.g. *rubivora* in *Rubus* and *Filipendula*).

**Muscidae.** The identification of *Musca chloris* Haliday with *Neomyia cornicina* (Note 5) has been confirmed from a specimen in Berlin labelled as *chloris*, which had been given by Haliday to Loew. The determination of *Atherigona varia* by Grainger (1998) has also been confirmed, so this species will be restored to the British list. (Adrian Pont *pers. comms*).

*Phaonia longicornis* Stein, 1916 is added in the present issue.

**Tachinidae.** Details of *Catharosia pygmaea* were published by S. FALK (1998. *British Journal of Entomology and Natural History* **11**, 1-5).