

OPINION 1870

***Sicus* Scopoli, 1763 and *Myopa* Fabricius, 1775 (Insecta, Diptera): conserved by the designation of *Conops ferrugineus* Linnaeus, 1761 and *C. buccatus* Linnaeus, 1758 as the respective type species; and *Coenomyia* Latreille, 1796 placed on the Official List**

Keywords. Nomenclature; taxonomy; Diptera; CONOPIDAE; COENOMYIIDAE; XYLOPHAGIDAE; *Sicus*; *Myopa*; *Coenomyia*; *Conops buccatus*; *Conops ferrugineus*; *Musca ferruginea*.

Ruling

- (1) Under the plenary powers all previous fixations of type species are hereby set aside for the following nominal genera:
 - (a) *Sicus* Scopoli, 1763 and *Conops ferrugineus* Linnaeus, 1761 is designated as the type species;
 - (b) *Myopa* Fabricius, 1775 prior to the designation by Curtis (1838) of *Conops buccatus* Linnaeus, 1758.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Sicus* Scopoli, 1763 (gender: masculine), type species by designation under the plenary powers in (1)(a) above *Conops ferrugineus* Linnaeus, 1761;
 - (b) *Myopa* Fabricius, 1775 (gender: feminine), type species by subsequent designation by Curtis (1838) *Conops buccatus* Linnaeus, 1758, as ruled in (1)(b) above;
 - (c) *Coenomyia* Latreille, 1796 (gender: feminine), type species by subsequent monotypy by Latreille ([1802]) *Musca ferruginea* Scopoli, 1763.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *ferrugineus* Linnaeus, 1761, as published in the binomen *Conops ferruginea* (sic) (specific name of the type species of *Sicus* Scopoli, 1763);
 - (b) *buccatus* Linnaeus, 1758, as published in the binomen *Conops buccata* (sic) (specific name of the type species of *Myopa* Fabricius, 1775);
 - (c) *ferruginea* Scopoli, 1763, as published in the binomen *Musca ferruginea* (specific name of the type species of *Coenomyia* Latreille, 1796).
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
 - (a) *Cylindrogaster* Lioy, 1864 (a junior objective synonym of *Sicus* Scopoli, 1763);
 - (b) *Myopella* Robineau-Desvoidy, 1853 (a junior objective synonym of *Myopa* Fabricius, 1775);
 - (c) *Sicus* Latreille, 1796 (a junior homonym of *Sicus* Scopoli, 1763);
 - (d) *Sicus* Fabricius, 1798 (a junior objective synonym of *Coenomyia* Latreille, 1796 and a junior homonym of *Sicus* Scopoli, 1763).

History of Case 2881

An application for the conservation of the generic names *Sicus* Scopoli, 1763 and *Myopa* Fabricius, 1775 by the designation of *Conops buccatus* Linnaeus, 1758 as the

type species of *Myopa* was received from Dr Sidney Camras (*Field Museum of Natural History, Chicago, Illinois, U.S.A.*) on 22 February 1993. After correspondence the case was published in BZN 51: 31–34 (March 1994). Notice of the case was sent to appropriate journals.

Comments from Dr Curtis W. Sabrosky (*Medford, New Jersey, U.S.A.*) and from Dr Terry A. Wheeler (*University of Guelph, Guelph, Ontario, Canada*), published in BZN 51: 260–261 (September 1994), supported the proposals to conserve the names *Sicus* Scopoli, 1763 and *Myopa* Fabricius, 1775 (family CONOPIDAE) as currently understood (with *Conops ferrugineus* Linnaeus, 1761 and *C. buccatus* Linnaeus, 1758 as the respective type species).

Drs Sabrosky and Wheeler both pointed out, however, that the proposed rejection of *Coenomyia* Latreille, 1796 as a junior objective synonym of *Sicus* Scopoli was an error and should not have been included in the application (cf. paras. 6 and 7(4)(b)). They noted that '*Sicus ferrugineus* F.' (= Fabricius), included as the single species in *Coenomyia* by Latreille ([1802]), was a subsequent usage of *Musca ferruginea* Scopoli, 1763 and a taxon distinct from *Conops ferruginea* (recte *ferrugineus*) Linnaeus, 1761. The name *Coenomyia* is in use and refers to a widespread Holarctic genus (family COENOMYIIDAE or XYLOPHAGIDAE). Sabrosky (1961) had designated *Musca ferruginea* Scopoli as the type of *Sicus* Fabricius, 1798, rendering the latter a junior objective synonym of *Coenomyia*, as well as being a junior homonym of *Sicus* Scopoli (cf. paras. 6 and 7(4)(f) of the application).

A further comment from Dr Donald W. Webb (*Illinois Natural History Survey, Champaign, Illinois, U.S.A.*) also pointed out that the rejection of *Coenomyia* should be dropped.

In a comment by Mrs A. Gentry (*The Secretariat, ICZN*), approved and endorsed by the author of the application and published in BZN 52: 74–75 (March 1995), the proposed rejection of *Coenomyia* was withdrawn and replaced by a proposal to place the name on the Official List.

Scopoli (1763) placed two nominal species in the new genus *Sicus*. He attributed *buccata* (recte *buccatus*) to Linnaeus (1758) but did not give the authorship and date of *ferrugineus*. Almost all authors from Fabricius (1775) onwards (para. 1 of the application and the comments by Drs Sabrosky and Wheeler) have accepted *Sicus ferrugineus* of Scopoli (1763) as a synonym of *Conops ferrugineus* Linnaeus, 1761 and Coquillett's (1910) designation of *C. ferrugineus* as the type of the genus.

A comment from Dr F.C. Thompson (*Systematic Entomology Laboratory, Smithsonian Institution, Washington, U.S.A.*) supported the proposals to conserve the current concepts of *Sicus* and *Myopa* but noted that in 1767 Linnaeus himself (*Systema Naturae*, Ed. 12, pp. 1005, 1006) treated *Conops ferrugineus* Linnaeus, 1761 and *Sicus ferrugineus* Scopoli, 1763 (which he renamed *C. testacea*, recte *testaceus*, presumably to avoid secondary homonymy in *Conops*) as distinct taxa, and that the type designation for *Sicus* by Coquillett (1910), which referred only to *Conops ferrugineus* Linnaeus (a nominal species not originally included in *Sicus*) and did not mention *Sicus ferrugineus* Scopoli, was therefore invalid. To avoid any confusion in the future it was proposed that *Conops ferrugineus* Linnaeus, 1761 be designated the type of *Sicus* Scopoli, 1763 under the plenary powers, in accord with accustomed usage and the application.

Dr Thompson also pointed out that *Conops testaceus* Linnaeus, 1767 (= *Sicus ferrugineus* Scopoli, 1763) is the first species mentioned in association with *Stomoxoides* Schaeffer, 1766 (included as a synonym of *Conops* Linnaeus, 1758 by Linnaeus, 1767) and that *C. testaceus* is therefore the type species by subsequent monotypy of *Stomoxoides* (cf. para. 5 of the application). The proposed placement of the name *Stomoxoides* on the Official Index (para. 7(4)(a) of the application) as a junior objective synonym of *Sicus* Scopoli was therefore withdrawn.

Decision of the Commission

On 1 December 1996 the members of the Commission were invited to vote on the revised proposals. At the close of the voting period on 1 March 1997 the votes were as follows:

Affirmative votes — 24: Bock, Bouchet, Brothers, Cocks, Dupuis, Eschmeyer, Heppell, Kabata, Kerzhner, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Nielsen, Nye, Papp, Patterson, Savage, Schuster, Song, Štys

Negative votes — none.

No vote was received from Cogger.

Ride was on leave of absence.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

buccatus, *Conops*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 605.

Coenomyia Latreille, 1796, *Précis des caractères génériques des insectes, disposés dans un ordre naturel*, p. 159.

Cylindrogaster Lioy, 1864, *Atti dell'Istituto Veneto di Scienze, Lettere ed Arti*, (3)9(2): 1327.

ferruginea, *Musca*, Scopoli, 1763, *Entomologica carniolica exhibens insecta ...*, p. 340.

ferrugineus, *Conops*, Linnaeus, 1761, *Fauna svecica sistens animalia sveciae regni*, Ed. 2, p. 468.

Myopa Fabricius, 1775, *Systema entomologiae ...*, p. 798.

Myopella Robineau-Desvoidy, 1853, *Bulletin de la Société des Sciences Historiques et Naturelles de l'Yonne*, 7: 98.

Sicus Fabricius, 1798, *Supplementum Entomologiae Systematicae*, pp. 547, 554.

Sicus Latreille, 1796, *Précis des caractères génériques des insectes, disposés dans un ordre naturel*, p. 158.

Sicus Scopoli, 1763, *Entomologica carniolica exhibens insecta ...*, p. 369.

The following is the reference for the designation of *Conops buccatus* Linnaeus, 1758 as the type species of the nominal genus *Myopa* Fabricius, 1775:

Curtis, J. 1838. *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland*, pl. 677, text.

The following is the reference for the fixation of *Musca ferruginea* Scopoli, 1763 as the type species of the nominal genus *Coenomyia* Latreille, 1796:

Latreille, P.A. [1802]. *Histoire naturelle, générale et particulière des crustacés et des insectes*, vol. 3, p. 439.



International Commission on Zoological Nomenclature. 1997. "Opinion 1870. *Sicus* Scopoli, 1763 and *Myopa* Fabricius, 1775 (Insecta, Diptera): conserved by the designation of *Conops ferrugineus* Linnaeus, 1761 and *C. buccatus* Linnaeus, 1758 as the respective type species; and *Coenomyia* Latreille, 1796 placed on the Official List." *The Bulletin of zoological nomenclature* 54, 133–135.

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