

**OPINION 2153 (Case 3259)**

***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**

**Abstract.** The Commission has ruled that the gender of the generic name *Eristalis* Latreille, 1804 is feminine, and that the long established usage of the specific names *Eristalis nemorum* (Linnaeus, 1758), *E. arbustorum* (Linnaeus, 1758) and *E. horticola* (De Geer, 1776) is conserved by the designation of neotypes.

**Keywords.** Nomenclature; taxonomy; Diptera; SYRPHIDAE; *Eristalis*; *Eristalis arbustorum*; *Eristalis nemorum*; *Eristalis horticola*; bee-mimic hoverflies.

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**Ruling**

- (1) Under the plenary power it is hereby ruled that:
  - (a) the gender of the nominal genus *Eristalis* is feminine;
  - (b) all previous type fixations for the following nominal species are set aside and neotypes designated as stated:
    - (i) *Musca arbustorum* Linnaeus, 1758, the male specimen labelled Lpm, Sorsele, 10/8/58, leg. S. Gaunitz, R. Dahl Coll., BM 1997-740 designated as the neotype;
    - (ii) *Musca nemorum* Linnaeus, 1758, the male specimen labelled Sweden, Vstm, Nora district, Klacka Lerberg, 22.vi.1986, in horse paddock, leg. A.C. Pont, 'Er. interrupta (Poda) T.R. Nielsen det.' designated as the neotype;
    - (iii) *Musca horticola* De Geer, 1776, the male specimen labelled Sweden, Sk, Höör Lillöbukten, 2.viii.1980, leg. A.C. Pont, 'Eristalis horticola Deg. det. Tore Nielsen' designated as the neotype.
- (2) The entry on the Official List of Generic Names in Zoology for the name *Eristalis* Latreille, 1804 is hereby amended to indicate that its gender is feminine.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
  - (a) *arbustorum* Linnaeus, 1758, as published in the binomen *Musca arbustorum* and as defined by the neotype designated in (1)(b)(i) above;
  - (b) *nemorum* Linnaeus, 1758, as published in the binomen *Musca nemorum* and as defined by the neotype designated in (1)(b)(ii) above;
  - (c) *horticola* De Geer, 1776, as published in the binomen *Musca horticola* and as defined by the neotype designated in (1)(b)(iii) above.

**History of Case 3294**

An application to confirm that the gender of the generic name *Eristalis* Latreille, 1804 is feminine and to maintain long-established usage of the specific names *Musca*



*nemorum* Linnaeus, 1758, *M. arbustorum* Linnaeus, 1758 and *M. horticola* De Geer, 1776 by designating neotypes was received from Peter J. Chandler (*Berryfield Lane, Melksham, Wiltshire, U.K.*), Andrew Wakeham-Dawson (*Mill Laine Farm, Offham, East Sussex, U.K.*) and Angus McCullough (*108 Addison Gardens, London, U.K.*) on 8 December 2002. After correspondence the case was published in BZN 61: 241–245 (December 2004). The title, abstract and keywords of the case were published on the Commission's website. No comments were received on this application.

### Decision of the Commission

On 1 December 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 244. At the close of the voting period on 1 March 2006 the votes were as follows:

Affirmative votes: – 18: Bock, Bouchet, Brothers, Calder, Fortey, Halliday, Kerzhner, Lamas, Macpherson, Mahnert, Mawatari, Minelli, Nielsen, Papp, Patterson, Rosenberg, Štys and van Tol.

Negative votes – 1: Alonso-Zarazaga.

No votes were received from Ng and Song.

Voting against, Alonso-Zarazaga explained that he did not accept the evidence that the name of the nominal genus *Eristalis* Latreille, 1804 was feminine.

### Original references

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

*arbustorum*, *Musca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 591.

*Eristalis* Latreille, 1804, *Nouveau dictionnaire d'histoire naturelle*, 24 (sect. 3), p. 194.

*horticola*, *Musca*, De Geer, 1776, *Mémoires pour servir à l'histoire des Insectes*, vol. 6, p. 140.

*nemorum*, *Musca*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 591.



International Commission on Zoological Nomenclature. 2006. "OPINION 2153 (Case 3259) *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.*" *The Bulletin of zoological nomenclature* 63, 146–147.

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