

OPINION 2100 (Case 3258)

Acmaeodera Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955 (Insecta, Coleoptera): usage conserved by designation of *Buprestis cylindrica* Fabricius, 1775 as the type species of *Acmaeodera*

Abstract. The Commission has ruled that usage of the widely used buprestid (jewel beetle) generic names *Acmaeodera* Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955 (family BUPRESTIDAE) are conserved by accepting the overlooked designation of *Buprestis cylindrica* Fabricius, 1775 as the type species of *Acmaeodera*.

Keywords. Nomenclature; taxonomy; Coleoptera; BUPRESTIDAE; *Acmaeodera*; *Acmaeoderella*; *Carininota*; *Acmaeodera cylindrica*; *Acmaeoderella flavofasciata*; jewel beetles.

Ruling

- (1) Under the plenary power it is ruled that all fixations of type species for the nominal genus *Acmaeodera* Eschscholtz, 1829 before that of *Buprestis cylindrica* Fabricius, 1775 by Volkovitsh (1979) are hereby set aside.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Acmaeodera* Eschscholtz, 1829 (gender: feminine), type species *Buprestis cylindrica* Fabricius, 1775 by the fixation of Volkovitsh (1979) as ruled in (1) above;
 - (b) *Acmaeoderella* Cobos, 1955 (gender: feminine), type species by original designation *Buprestis discoida* Fabricius, 1787.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *cylindrica* Fabricius, 1775, as published in the binomen *Buprestis cylindrica* (specific name of the type species of *Acmaeodera* Eschscholtz, 1829);
 - (b) *discoida* Fabricius, 1787, as published in the binomen *Buprestis discoida* (specific name of the type species of *Acmaeoderella* Cobos, 1955).

History of Case 3258

An application to conserve the current usage of the widely used buprestid (jewel beetle) generic names *Acmaeodera* Eschscholtz, 1829 and *Acmaeoderella* Cobos, 1955 (family BUPRESTIDAE) by accepting the designation of *Buprestis cylindrica* Fabricius, 1775 as the type species of *Acmaeodera* was received from C.L. Bellamy (*Plant Pest Diagnostics Lab., California Department of Food & Agriculture, Sacramento, California, U.S.A.*) and M.G. Volkovitsh (*Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia*) on 4 November 2002. After correspondence the case was published in BZN 60: 31–33 (March 2003). The title, abstract and keywords of the case were published on the Commission's website. Four comments in support of this case were received.

Decision of the Commission

On 1 September 2004 the members of the Commission were invited to vote on the proposals published in BZN 60: 32–33. At the close of the voting period on 1 December 2004 the votes were as follows: 24 Commissioners voted FOR the proposals, no Commissioners voted AGAINST, Ng was on leave of absence.

Voting for, Alonso-Zarazaga commented that the spelling of the specific name of the type species of *Acmaeoderella* Cobos, 1955 is *Buprestis discoida* Fabricius, 1787 not *Buprestis discoidea* as published in the application (BZN 60: 32–33, paras. 3, 5, 7(2)(b), (3)(b)). Although both spellings have been in use for this species the original spelling must be retained. See rulings (2)(b) and (3)(b) above.

Original references

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

Acmaeodera Eschscholtz, 1829, *Zoologischer Atlas*, p. 9.

Acmaeoderella Cobos, 1955, *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique*, 31(13): 5.

cylindrica, *Buprestis*, Fabricius, J.C., 1775, *Systema entomologia*, p. 220.

discoida, *Buprestis*, Fabricius, J.C., 1787, *Mantissa insectorum*, vol. 2, p. 184.

Editor's note:

The spelling of the specific name of the type species of *Acmaeoderella* Cobos, 1955, has been corrected from *Buprestis discoidea* Fabricius, 1787, as published in the application, to *Buprestis discoida*. See rulings (2)(b) and (3)(b) above.