

**Case 3393*****Dactylozodes* Chevrolat, 1838 (Insecta, Coleoptera): proposed conservation of usage**

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**Abstract.** The purpose of this application, under Article 23.9.3 of the Code, is to conserve the prevailing usage of the widely used generic name *Dactylozodes* Chevrolat, 1838 for a buprestid (jewel beetle) by suppression of its little-used senior subjective synonym *Lasionota* Mannerheim, 1837.

**Keywords.** Nomenclature; taxonomy; Coleoptera; BUPRESTIDAE; *Dactylozodes*; *Lasionota*; *Dactylozodes alternans*; South America; jewel beetles.

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1. An earlier application for the conservation of the generic name *Dactylozodes* by the same authors was received by the Commission in 2005 (Case 3308) but the case was closed in March 2006 (BZN 63(1): 82) as issues presented in the case were under revision.

2. The generic name *Lasionota* first appeared in the catalogues of Dejean (1833, p. 83; 1836, p. 94), although without description or definition or combination with any available specific name. Therefore, *Lasionota* Dejean is unavailable according to Article 12 of the Code.

3. Unbeknown to most subsequent workers, *Lasionota quadrifasciata* was described by Mannerheim (1837, p. 102) with *Lasionota* available from that act. Subsequently, *Lasionota* Dejean, 1833 was considered as a separate genus from *Dactylozodes* (e.g. Gemminger & Harold, 1869, p. 1394). Lacordaire (1857, p. 55) considered *Lasionota* Mannerheim, 1837 as a senior synonym of *Dactylozodes* Chevrolat, 1838 (e.g. Lacordaire, 1857, p. 55).

4. Chevrolat (1838, p. 79) established the generic name *Dactylozodes* for two new nominal species of buprestid beetles (family BUPRESTIDAE): *D. alternans* Chevrolat, 1838 (p. 80) and *D. tetrazonus* Chevrolat, 1838 (pp. 80–81). Neither was designated as the type species. *Dactylozodes* now includes 43 species and 11 subspecies found in subtropical and temperate regions of southern South America.

5. Gardner (1989, pp. 347–349) summarized the classification of *Dactylozodes* and designated *D. alternans* Chevrolat, 1838 as the type species (p. 347).

6. Moore (1997) revised *Dactylozodes* without reference to *Lasionota*.

7. *Lasionota* Mannerheim, 1837 has not been used as a valid name since Lacordaire (1857, p. 55). Bellamy (1998, pp. 377–378) argued that *Dactylozodes* should be retained in its prevailing use over *Lasionota* Mannerheim, 1837.

8. *Dactylozodes* Chevrolat, 1838 has been used continually since 1857, e.g. Lacordaire (1857, p. 56), Gemminger & Harold (1869, p. 1394), Kerremans (1893, p. 115; 1903, p. 214), Obenberger (1934, p. 769) and Bellamy (2003, p. 58; 2006, p. 150).

9. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to suppress the generic name *Lasionota* Mannerheim, 1837 for the purposes of the Principle of Priority but not for those of the Principle of Homonymy;
- (2) to place on the Official List of Generic Names in Zoology the name *Dactylozodes* Chevrolat, 1838 (gender: feminine), type species by subsequent designation by Gardner (1989) *Dactylozodes alternans* Chevrolat, 1838;
- (3) to place on the Official List of Specific Names in Zoology the name *alternans* Chevrolat, 1838, as published in the binomen *Dactylozodes alternans* (specific name of the type species of *Dactylozodes* Chevrolat, 1838);
- (4) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the name *Lasionota* Mannerheim, 1837, as suppressed in (1) above.

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Acknowledgement of receipt of this application was published in BZN **63**: 154.

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).