

Correspondence



https://doi.org/10.11646/zootaxa.4612.3.11

http://zoobank.org/urn:lsid:zoobank.org:pub:2A66CEBE-423B-4749-AAE7-E6BA1AA09D00

Bulbotrachystola, a substitute name for Centruroides Breuning, 1940 (Coleoptera: Cerambycidae)

FRANCESCO VITALI1 & DOUG YANEGA2

¹Nationalmusée fir Naturgeschicht, rue Münster 25, L-2160 Luxembourg, Luxembourg. E-mail: fvitali@mnhn.lu ²Department of Entomology, University of California, Riverside, CA 92521, USA. E-mai: dyanega@ucr.edu

The genus name *Centruroides* was first introduced by George Marx (in Howard, 1889: 211) for two species of scorpions in the family Buthidae: *C. exilicauda* (Wood, 1863) and *C. luctifer* n. sp. The latter species, coming from Indefatigable Is. (Galapagos), lacks a description and has been considered as a *nomen nudum* and synonym of *Centruroides exsul* (Meise, 1934) (Lambertz, 2013). Nonetheless, *exilicauda* Wood (*Buthus*) is an available and valid species name; thus, *Centruroides* is available according to the ICZN, 1999, Art. 12.2.5. ("the specific name or names can be unambiguously assigned to a nominal species-group taxon or taxa").

Presently, the genus *Centruroides* Marx comprises 73 valid species (Zicha, 2018). Breuning (1940: 411) established the homonymous genus name *Centruroides* when he described the cerambycid species *C. bulbifera* from Myanmar and placed it in the lamiine tribe Morimopsini. Subsequently, this genus has been mentioned in the revision of worldwide Morimopsini (Breuning, 1950) and in the catalogue of the types of the Smithsonian Institution (Lingafelter et al., 2014), without anyone noticing the homonymy. It is a very peculiar taxon, whose relationship to other genera of the tribe Morimopsini is unresolved, even if Bi (2016) suggested that it could be closely related to, or perhaps even synonymous, with *Echthistatodes* Gressitt, 1938.

The genus name is, nonetheless, a junior primary homonym of *Centruroides* Marx and a substitute name must be introduced according to the ICZN, Articles 56 and 60. There are no junior synonyms; therefore, Art. 60.3 applies. Hence, the new name *Bulbotrachystola* is proposed as follows:

Bulbotrachystola **nomen novum** for Centruroides Breuning, 1940 nec Marx, 1889; type species Centruroides bulbifera Breuning, 1940 (by monotypy).

Bulbotrachystola bulbifera (Breuning, 1940) n. comb.

References

Bi, W.-X. (2016) Studies on the flightless Lamiinae (Coleoptera: Cerambycidae) from China, I. Revision of the genus *Echthistatodes* Gressitt, 1938 and its allied genera with description of one new genus, two new species and one new subspecies. *The Japanese Journal of Systematic Entomology*, 22 (2), 291–301.

Breuning, S. von (1940) Novae species Cerambycidarum. X. Folia Zoologica et Hydrobiologica, 10 (2), 407-437.

Breuning, S. von (1950) Révision des "Morimopsini". Longicornia I. Lechevalier P., Paris, 147 pp. [pp. 116–262]

International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature.* 4th Edition. The Natural History Museum, London, 306 pp.

Lambertz, M. (2013) On the date and organ of publication for the endemic Galápagos scorpion *Centruroides exsul* (Scorpiones: Buthidae) by Wilhelm Meise, with a revision of its distribution and type material. *The Journal of Arachnology*, 41 (3), 412–414.

https://doi.org/10.1636/Ha13-37.1

Lingafelter, S.W., Nearns, E., Tavakilian, G., Monné, M. & Biondi, M. (2014) Longhorned Woodboring Beetles (Coleoptera: Cerambycidae and Disteniidae): Primary Types of the Smithsonian Institution. Smithsonian Institution Scholarly Press, Washington, D.C., 408 pp.

Marx, G. (1889) Arachnida of Albatross exploration. *In*: Howard L.O. Scientific results of explorations by steamer Albatross. *Proceedings of the United States National Museum*, 12, 207–211.

Zicha, O. (Ed.) (1999-2018) BioLib. Available from: http://www.biolib.cz. (accessed 15 April 2019)