

OPINION 2070 (Case 3184)***Tetrapedia* Klug, 1810, *T. diversipes* Klug, 1810 and *Exomalopsis* Spinola, 1853 (Insecta, Hymenoptera): usage of the names conserved by designation of a neotype for *T. diversipes***

Abstract. The Commission has designated a male specimen from Brazil as neotype for the anthophorine bee *Tetrapedia diversipes* Klug, 1810. The neotype is deposited in the Museum für Naturkunde der Humboldt-Universität, Berlin. The universal understanding of this nominal species and of the genera *Tetrapedia* Klug, 1810 and *Exomalopsis* Spinola, 1853, and tribes based on these generic names, are thereby conserved in accordance with Article 75.6 of the Code.

Keywords. Nomenclature; taxonomy; Hymenoptera; APIDAE; TETRAPEDIINI; EXOMALOPSINI; *Tetrapedia*; *Tetrapedia diversipes*; *Exomalopsis*; bees; Brazil.

Ruling

- (1) Under the plenary power all previous fixations of name-bearing type for the nominal species *Tetrapedia diversipes* Klug, 1810 are hereby set aside and the specimen from Nova Teutonia, Santa Catarina, Brazil, collected in October 1951 by L.E. Plaumann and deposited in the Museum für Naturkunde der Humboldt-Universität, Berlin, is designated as the neotype.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Tetrapedia* Klug, 1810 (gender: feminine), type species by monotypy *Tetrapedia diversipes* Klug, 1810;
 - (b) *Exomalopsis* Spinola, 1853 (gender: feminine), type species by subsequent designation by Taschenberg (1883) *Exomalopsis fulvopilosa* Spinola, 1853 (a junior synonym of *E. auropilosa* Spinola, 1853).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *diversipes* Klug, 1810, as published in the binomen *Tetrapedia diversipes* and as defined by the neotype designated in (1) above;
 - (b) *auropilosa* Spinola, 1853, as published in the binomen *Exomalopsis auropilosa* (senior synonym of *Exomalopsis fulvopilosa* Spinola, 1853, specific name of the type species of *Exomalopsis* Spinola, 1853).

History of Case 3184

An application to conserve the usage of the names of the species *Tetrapedia diversipes* Klug, 1810 and the genera *Tetrapedia* Klug, 1810 and *Exomalopsis* Spinola, 1853, by the designation of a neotype for *T. diversipes*, was received from Charles D. Michener (*Natural History Museum and Department of Ecology and Evolutionary Biology, University of Kansas, Lawrence, Kansas, U.S.A.*) and Jesus S. Moure (*Universidade Federal do Paraná, Curitiba, Paraná, Brazil*) on 22 December 2000. After correspondence the case was published in BZN 59: 34–37 (March 2002). The

title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

In the application proposal (2)(b) it was incorrectly stated that *Exomalopsis auropilosa* Spinola, 1853 was the type species of *Exomalopsis* by subsequent designation by Smith (1854). Correctly, *Exomalopsis fulvopilosa* Spinola, 1853 is the type species of *Exomalopsis* Spinola, 1853 by subsequent designation by Taschenberg (1883), and *Exomalopsis auropilosa* Spinola, 1853 is its senior synonym.

Decision of the Commission

On 1 September 2003 the members of the Commission were invited to vote on the proposals published in BZN 59: 36. At the close of the voting period on 1 December 2003 the votes were as follows: 21 Commissioners voted FOR the proposals, 1 Commissioner (Alonso-Zarazaga) voted AGAINST, no vote was received from Eschmeyer. Böhme and Patterson were on leave of absence.

Voting against, Alonso-Zarazaga commented that use of the names in the literature seems to be very low. The group of species involved is of no particular interest outside pure systematics and the Principle of Priority should be maintained in this case.

Original references

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

auropilosa, *Exomalopsis*, Spinola, 1853, *Memoire della Reale Accademia delle Scienze di Torino*, (2)13: 89.

diversipes, *Tetrapedia*, Klug, 1810, *Gesellschaft Naturforschender Freunde zu Berlin, Magazin für neuesten Entdeckungen in der gesammten Naturkunde*, 4: 35–36.

Exomalopsis Spinola, 1853, *Memoire della Reale Accademia delle Scienze di Torino*, (2)13: 89.

Tetrapedia Klug, 1810, *Gesellschaft Naturforschender Freunde zu Berlin, Magazin für neuesten Entdeckungen in der gesammten Naturkunde*, 4: 33–35.

The following is the reference for the designation of *Exomalopsis fulvopilosa* Spinola, 1853 as the type species of *Exomalopsis* Spinola, 1853:

Taschenberg, E.L. 1883. *Berliner Entomologische Zeitschrift*, 27: 82.



International Commission on Zoological Nomenclature. 2004. "(Case 3184).
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(Insecta, Hymenoptera): Usage Of The Names Conserved By Designation Of A
Neotype For T. Diversipes." *The Bulletin of zoological nomenclature* 61, 70–71.

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