

Case 2946**PLUTONIINAE Bollman, 1893 (Arthropoda, Chilopoda) and
PLUTONIINAE Cockerell, 1893 (Mollusca, Gastropoda): proposed
removal of homonymy**

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Abstract. This application proposes removal of the homonymy between the family-group names PLUTONIINAE Bollman, 1893 (centipedes) and PLUTONIINAE Cockerell, 1893 (slugs), which are respectively derived from the generic names *Plutonium* Cavanna, 1881 and *Plutonia* Morelet in Stabile, 1864. As the centipede name PLUTONIINAE Bollman is the senior homonym, it is proposed that the entire generic name *Plutonia* be used as the stem to form the gastropod subfamily name PLUTONIINAE Cockerell.

Keywords. Nomenclature; taxonomy; Chilopoda; Gastropoda; PLUTONIINAE; PLUTONIINAE.

1. The name PLUTONIINAE, published posthumously by Bollman (1893, pp. 165, 168) for a subfamily of the centipede family SCOLOPENDRIDAE Leach, 1815, derives from *Plutonium* Cavanna, 1881 (p. 169). The type species of *Plutonium* is by monotypy *P. zwierleini* Cavanna, 1881 (p. 169) from Sicily. The gastropod name PLUTONIINAE Cockerell, 1893 (p. 186) is based on *Plutonia* Morelet (published in Stabile, 1864, p. 121). The type species of *Plutonia* is by monotypy *Viquesnelia atlantica* Morelet, 1860 (p. 139, pl. 1) from the Azores. According to Article 55b of the Code such cases of family-group name homonymy are to be referred to the Commission for resolution.

2. Cockerell introduced the name PLUTONIINAE in the second part of his checklist of slugs, dated 21 December 1893. Bollman's work is a collection of all his printed papers plus unpublished manuscripts discovered after his death, and is dated simply 1893. A prefacing 'Advertisement' by S.P. Langley, then Secretary of the Smithsonian Institution, is dated 31 August 1893. A review of Bollman's work (Anonymous, 1894, p. 271) mentioned that it and two other U.S. National Museum Bulletins were published in 'October and November 1893.' This review was probably written by the journal's editors, one of whom was C.V. Riley, then Honorary Curator of Insects at the U.S. National Museum. Because of his position at the Museum and his authorship of an 'Introductory Note' to Bollman's work, Riley would have known when it was published, so the time span of October-November 1893 is

probably accurate. In accordance with standard practice, Jeekel (1971, endnote 18, p. 378) gave November 1893 as the publication date; in compliance with Article 21c(i) of the Code the date is deemed to be 30 November 1893. PLUTONIINAE Bollman therefore antedates PLUTONIINAE Cockerell by 21 days.

3. Because he believed that the mollusc generic name *Plutonia* Morelet in Stabile, 1864 might be preoccupied by the trilobite name *Plutonia* Hicks, which was in fact published in 1871 (p. 399), Collinge (1893, p. 201, footnote 13 in Cockerell's paper) suggested the replacement names *Vitriplutonia* and VITRIPLUTONIINAE 'if any change is necessary'. These names are junior objective synonyms and were published subject to a condition which is not met; they have never been adopted.

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

- (1) to use its plenary powers to rule that for the purposes of Article 29 of the Code the stem of the generic name *Plutonia* Morelet in Stabile, 1864 is PLUTONIA-;
- (2) to place the following names on the Official List of Generic Names in Zoology:
 - (a) *Plutonia* Morelet in Stabile, 1864 (gender: feminine), type species by monotypy *Viquesnelia atlantica* Morelet, 1860;
 - (b) *Plutonium* Cavanna, 1881 (gender: neuter), type species by monotypy *Plutonium zwierleini* Cavanna, 1881;
- (3) to place the following names on the Official List of Specific Names in Zoology:
 - (a) *atlantica* Morelet, 1860, as published in the binomen *Viquesnelia atlantica* (specific name of the type species of *Plutonia* Morelet in Stabile, 1864);
 - (b) *zwierleini* Cavanna, 1881, as published in the binomen *Plutonium zwierleini* (specific name of the type species of *Plutonium* Cavanna, 1881);
- (4) to place the following names on the Official List of Family-Group Names in Zoology:
 - (a) PLUTONIINAE Cockerell, 1893, type genus *Plutonia* Morelet in Stabile, 1864 (spelling emended by the ruling in (1) above) (Mollusca, Gastropoda);
 - (b) PLUTONIINAE Bollman, 1893, type genus *Plutonium* Cavanna, 1881 (Arthropoda, Chilopoda);
- (5) to place on the Official Index of Rejected and Invalid Generic Names in Zoology the name *Plutonia* Hicks, 1871 (a junior homonym of *Plutonia* Morelet in Stabile, 1864);
- (6) to place on the Official Index of Rejected and Invalid Family-Group Names in Zoology the name PLUTONIINAE Cockerell, 1893 (spelling emended to PLUTONIINAE by the ruling in (1) above).

Acknowledgements

The first author thanks A.A. Schileyko for bringing this nomenclatural conflict to his attention, and A. Minelli, R.L. Hoffman, H. Enghoff, K. Emberton and G. Rosenberg for their help. R. Hershler provided information about the mollusc names.

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Shelley, Rowland M and Backeljau, Thierry. 1995. "Plutoniinae Bollman, 1893 (Arthropoda, Chilopoda) And Plutoniinae Cockerell, 1893 (Mollusca, Gastropoda): Proposed Removal Of Homonymy." *The Bulletin of zoological nomenclature* 52, 150–152. <https://doi.org/10.5962/bhl.part.6752>.

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