

HOMONYMY IN THE FAMILIES HARPIDAE HAWLE & CORDA, 1847 (TRILOBITA) AND HARPIDAE BRONN, 1849 (MOLLUSCA, GASTROPODA). Z.N.(S.)2331

By J. G. M. Raven (*Binnenweg 46, 2264 MK Leidschendam, The Netherlands*)

The problem of homonymy in the HARPIDAE was first raised as part of Z.N.(S.)1938, published in *Bull. zool. Nom.*, vol. 28, pp. 57–58. In Opinion 1023 in *Bull. zool. Nom.*, vol. 31, pp. 127–129, a ruling was made on part of the case but the HARPIDAE problem was deferred, pending further investigation. The present application seeks to resolve this issue.

2. Homonymy, as defined in Article 55 of the Code, exists between the family-group names HARPIDAE Hawle & Corda, 1847 (Trilobita) and HARPIDAE Bronn, 1849 (Mollusca, Gastropoda). Both family-group names are correctly derived as specified in Articles 11(e) and 29 of the Code, the former from the generic name *Harpes* Goldfuss, 1839 (p. 358) and the latter from the generic name *Harpa* [Röding], 1798 (p. 149).

3. In 1847 Hawle & Corda (p. 161) erected the trilobite family HARPIDES based on the genus *Harpes* Goldfuss, 1839. Miller, 1889 (p. 524) corrected the name to HARPIDAE.

4. In 1849 Bronn (p. 469) erected the gastropod family HARPINA based on the genus *Harpa* [Röding], 1798. Chenu, 1859 (p. 204) used the name HARPIDAE in the modern sense.

5. In accordance with Article 55(a) of the Code, I refer this case to the Commission. Although there are no formal grounds for preferring conservation of one family-group name over the other, in view of the following facts it is requested that the trilobite name be conserved; firstly that the trilobite family antedates that of the gastropods, and secondly, that the trilobite family contains more genera and species than the gastropod family, namely twelve genera (Moore, 1959) as against three (Rehder, 1973).

6. In altering the spelling of the gastropod family-group name, I believe the insertion of the letter 'a' preceding the ending 'idae' could be sufficiently distinct. Therefore I request that the gastropod family be emended as HARPAIDAE. The procedure of using the complete name has precedent in the case of *Merops* (Aves) and *Merope* (Insecta), where each resulted in the family name MEROPIDAE. To avoid homonymy, the Commission ruled that *Merope* (Insecta) should form the family name MEROPEIDAE (Opinion 140, 1943).

7. I therefore request that the Commission:

- (1) use its plenary powers to rule that the stem of the generic name *Harpa* [Röding], 1798 (Gastropoda) for the purposes of Article 29 is HARPA-;

- (2) place the following names on the Official List of Generic Names in Zoology:
 - (a) *Harpes* Goldfuss, 1839 (Trilobita), (gender: feminine), type species, by monotypy, *Harpes macrocephalus* Goldfuss, 1839;
 - (b) *Harpa* [Röding], 1798 (Gastropoda), (gender: feminine), type species, by monotypy, *Buccinum harpa* Linnaeus, 1758;
- (3) place the following names on the Official List of Family-Group Names in Zoology:
 - (a) HARPIDAE Hawle & Corda, 1847 (type genus *Harpes* Goldfuss, 1839) (Trilobita);
 - (b) HARPAIDAE Bronn, 1849 (type genus *Harpa* [Röding], 1798) (Gastropoda).

I wish to thank Professor L. B. Holthuis (Rijksmuseum voor Natuurlijke Historie, Leiden) for his considerable help in the preparation of this appeal.

REFERENCES

- BRONN, H. G. 1849. *Handbuch der Geschichte der Natur*, 3(3) *Index Palaeontologicus*. Stuttgart, 980 pp.
- CHENU, J. C. 1859. *Manuel de conchyliologie et de paléontologie conchyliologique*, vol. 1. Paris, vii + 508 pp., 3707 figs.
- GOLDFUSS, G. A. 1839. Beiträge zur Petrefactenkunde. *Nova Acta Acad. Caes. Leop. Carol.*, vol. 19(1), pp. 358 & 359.
- HAWLE, I. & CORDA, A. J. C. 1847. *Prodrom einer Monographie der Böhmischen Trilobiten*. K. Böhm. Gesell. Wiss. (Prague), (Abhandl.), 5, 176 pp., 7 pl.
- LINNAEUS, C. 1758. *Systema Naturae* ed. 10, Holmiae, p. 738.
- MILLER, S. A. 1889. *North American geology and paleontology*. 644 pp., 1194 figs.
- MOORE, R. C. (Ed.) 1959. *Treatise on invertebrate paleontology, part O, Arthropoda 1*. Kansas University Press, xix + 560 pp.
- REHDER, H. A. 1973. The Family Harpidae of the world. *Indo-Pacif. Mollusca*, vol. 3(16), pp. 207-274.
- [RÖDING], P. F. 1798. *Museum Boltenianum* part 2, viii + 199 pp.



Raven, J. G. M. 1985. "Homonymy In The Families Harpidae Hawle & Corda, 1847 (Trilobita) And Harpaidae Bronn, 1849 (Mollusca; Gastropoda). Z.n.(S.) 2331." *The Bulletin of zoological nomenclature* 42, 79–80.

<https://doi.org/10.5962/bhl.part.869>.

View This Item Online: <https://www.biodiversitylibrary.org/item/44484>

DOI: <https://doi.org/10.5962/bhl.part.869>

Permalink: <https://www.biodiversitylibrary.org/partpdf/869>

Holding Institution

Natural History Museum Library, London

Sponsored by

Natural History Museum Library, London

Copyright & Reuse

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: International Commission on Zoological Nomenclature

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.