

OPINION 1470

**SINUITIDAE Dall, 1913, MACLURITIDAE Carpenter, 1861 and
EUOMPHALIDAE de Koninck, 1881 (Gastropoda, Archaeogastropoda):
conserved**

Ruling

(1) Under the plenary powers the following names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:

- (a) *Protowartha* Ulrich & Schofield, 1897;
- (b) *Schizostoma* Bronn, [1834].

(2) Under the plenary powers the correct spelling of *Maclurite* Lesueur, 1818 is hereby ruled to be *Maclurites*.

(3) The following names are hereby placed on the Official List of Generic Names in Zoology:

- (a) *Sinuities* Koken, 1896 (gender: masculine), type species by designation by Bassler (1915) *Bellerophon bilobatus* Sowerby, 1839;
- (b) *Maclurites* Lesueur, 1818 (gender: masculine), type species by designation by de Koninck (1881) *Maclurites magna* Lesueur, 1818;
- (c) *Euomphalus* Sowerby, 1814 (gender: masculine), type species by designation by Meek & Worthen (1866) *Euomphalus pentangulatus* Sowerby, 1814.

(4) The following names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *bilobatus* Sowerby, 1839, as published in the binomen *Bellerophon bilobatus*, (specific name of the type species of *Sinuities* Koken, 1896);
- (b) *magna* Lesueur, 1818, as published in the binomen *Maclurites magna*, (specific name of the type species of *Maclurites* Lesueur, 1818);
- (c) *pentangulatus* Sowerby, 1814, as published in the binomen *Euomphalus pentangulatus*, (specific name of the type species of *Euomphalus* Sowerby, 1814).

(5) The following names are hereby placed on the Official List of Family-Group Names in Zoology:

- (a) SINUITIDAE Dall, 1913 (type genus *Sinuities* Koken, 1896);
- (b) MACLURITIDAE (correction of MACLUREADAE) Carpenter, 1861 (type genus *Maclurites* Lesueur, 1818);
- (c) EUOMPHALIDAE de Koninck, 1881 (type genus *Euomphalus* Sowerby, 1814).

(6) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:

- (a) *Protowartha* Ulrich & Schofield, 1897, as suppressed under the plenary powers in (1) (a) above;
- (b) *Schizostoma* Bronn, [1834], as suppressed under the plenary powers in (1) (b) above;
- (c) *Maclurite* Lesueur, 1818 (ruled in (2) above to be an incorrect spelling of *Maclurites*);
- (d) *Maclurita* Blainville, 1823 (an unjustified emendation of *Maclurites* Lesueur, 1818);
- (e) *Maclurea* Emmons, 1842 (an unjustified emendation of *Maclurites* Lesueur, 1818).

(7) The following names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology:

- (a) PROTOWARTHIIDAE Ulrich & Schofield, 1897 (invalid because the name of the type genus has been suppressed under the plenary powers in (1) (a) above);
- (b) SCHIZOSTOMATIDAE Eichwald, 1871 (invalid because the name of the type genus has been suppressed under the plenary powers in (1) (b) above).

History of Case 1212

An application was originally submitted to the Commission in March 1957. It was published in BZN 18: 337–339 (November 1961) and presented to the Commission for voting on 3 October 1962. A comment by Dr L. B. Holthuis pointed out that it was impossible to suppress a family-group name unless the generic name on which it was based, i.e. that of its type genus, was also suppressed. As a consequence of this comment an Opinion was never published and the case lapsed.

Recently the case was resurrected and analysed by the Secretariat. Of the original proposals, one, that concerning the conservation of ORIOSTOMATIDAE Wenz, 1938 by suppression of HORIOSTOMATIDAE Koken, 1897, was found to have an automatic solution under Art. 35(d) of the Code in that HORIOSTOMATIDAE, based on the unjustified emendation *Horiostoma* Fischer, 1885 is corrected to ORIOSTOMATIDAE Koken, 1897.

After correspondence with one of the original authors (Dr Ellis Yochelson, *U.S. Geological Survey, USDI, U.S. National Museum, Washington, U.S.A.*) the case was published in BZN 43: 199–204 (July 1986), and notice of it was given to ten general and five specialist journals. Some comments were received from Dr L. B. Holthuis, as a result of which, and of other considerations, the proposals in BZN 43: 201–202 were slightly modified, although their substance was not changed.

Decision of the Commission

On 1 September 1987 the members of the Commission were invited to vote on the proposals published in BZN 43: 201–202 as modified. At the close of the voting period on 1 December 1987 the votes were as follows:

Affirmative votes — 21: Alvarado, Bayer, Bernardi, Cocks, Cogger, Corliss, Dupuis, Gruchy, Hahn, Holthuis, Kabata, Kraus, Lehtinen, Melville, Mroczkowski, Savage, Schuster, Thompson, Trjapitzin, Uéno, Willink

Negative votes — 1: Heppell.

Ride was on leave of absence. No votes were returned by Halvorsen and Starobogatov.

Original references

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

Sinuities Koken, 1896, *Die Leitfossilien*, p. 393.

Maclurites Lesueur, 1818, *Journal of the Academy of Natural Sciences of Philadelphia*, 1(2): 312.

Euomphalus Sowerby, 1814, *The Mineral Conchology of Great Britain*, vol. 1, no. 9, p. 97.

bilobatus, *Bellerophon*, Sowerby, 1839, in Murchison, R. I. *The Silurian System, founded on geological researches. . .*, p. 643.

magna, *Maclurites*, Lesueur, 1818, *Journal of the Academy of Natural Sciences of Philadelphia*, 1(2): 312.

- pentangulatus*, *Euomphalus*, Sowerby, 1814, *The Mineral Conchology of Great Britain*, vol. 1, no. 9, p. 97.
- SINUITIDAE Dall, 1913, in Eastman, C. R. & Zittel, K. A. von, *Textbook of Palaeontology*, 2nd ed., vol. 1, p. 521.
- MACLURITIDAE Carpenter, 1861, *Annual Reports of the Smithsonian Institution*, 1861: 216.
- EUOMPHALIDAE de Koninck, 1881, *Musée Royal d'Histoire Naturelle de Belgique, Annales & (Série Paléontologique)*, 6: 106.
- Protowartha* Ulrich & Schofield, 1897, *Geological and Natural History Survey of Minnesota (Final Report)* 3(2): 848.
- Schizostoma* Bronn, [1834], *Lethea Geognostica oder Abbildungen und Beschreibungen der für die Gibeys-Formationen bezeichnendsten Versteinerungen*, vol. 1, p. 95.
- Maclurite* Lesueur, 1818, *Journal of the Academy of Natural Sciences of Philadelphia*, 1(2): 312.
- Maclurita* Blainville, 1823, *Dictionnaire des Sciences naturelles*, vol. 27, p. 519.
- Maclurea* Emmons, 1842, *Geology of New York*, part 2, p. 312.
- PROTOWARTHIDAE Ulrich & Schofield, 1897, *Geological and Natural History Survey of Minnesota, (Final Report)* 3(2): p. 847.
- SCHIZOSTOMATIDAE Eichwald, 1871, *Geognostica-paläentologische Bemerkungen, über die Halbinsel Mangischlak und die Aleutischen Inseln*, p. 119.