OPINION 575

ADDITION TO THE OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY OF SIX FAMILY-GROUP NAMES IN THE CLASS CEPHALOPODA, ORDER AMMONOIDEA

RULING.—(1) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

(a) Amaltheus Montfort, 1808 (gender: masculine), type-species, by original designation, *Amaltheus margaritatus* Montfort, 1808 (Name No. 1378);
(b) Oxynoticeras Hyatt, 1875 (gender: neuter), type-species, by selection by S. S. Buckman, 1909, *Ammonites oxynotus* Quenstedt, F. A., 1843 (Name No. 1379);
(c) Phymatoceras Hyatt, 1867 (gender: neuter), type-species, by monotypy, *Phymatoceras robustum* Hyatt, 1867 (Name No. 1380);
(d) Pleuroacanthites Canavari, 1883 (gender: masculine), type-species, by selection by Haug, 1889, *Ammonites biformis* J. de C. Sowerby, 1831 (Name No. 1381);
(e) Polymorphites Haug, 1887 (gender: masculine), type-species, by selection by S. S. Buckman, 1892, *Ammonites polymorphus* Quenstedt, F. A., 1845 (Name No. 1382);
(f) Olcostephanus M. Neumayr, 1875 (gender: masculine), type-species, by original designation, *Ammonites astierianus* d'Orbigny, 1840 (Name No. 1383).

(2) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

(a) margaritatus Montfort, 1808, as published in the binomen *Amaltheus margaritatus* (type-species of *Amaltheus* Montfort, 1908) (Name No. 1685);
(b) oxynotus Quenstedt, F. A., 1843, as published in the binomen *Ammonites oxynotus* (type-species of *Oxynoticeras* Hyatt, 1875) (Name No. 1686);
(c) robustum Hyatt, 1867, as published in the binomen *Phymatoceras robustum* (type-species of *Phymatoceras* Hyatt, 1867) (Name No. 1687);
(d) biformis J. de C. Sowerby, 1831, as published in the binomen *Ammonites biformis* (type-species of *Pleuroacanthites* Canavari, 1883) (Name No. 1688);
(e) polymorphus Quenstedt, F. A., 1845, as published in the binomen *Ammonites polymorphus* (type-species of *Polymorphites* Haug, 1887) (Name No. 1689);
(f) astierianus d'Orbigny, 1840, as published in the binomen *Ammonites astierianus* (type-species of *Olcostephanus* M. Neumayr, 1875) (Name No. 1690).

(3) The following family-group names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers specified:

(a) AMALTHEIDAE (correction of AMALTHEOIDAE) Hyatt, 1867 (type-genus Amaltheus Montfort, 1808) (Name No. 276);
(b) OXYNOTICERATIDAE (correction of OXYNOTIDAE) Hyatt, 1875 (type-genus Oxynoticeras Hyatt, 1875) (Name No. 277);
(c) PHYMATOCERATIDAE (correction of PHYMATIOIDAE) Hyatt, 1900 (type-genus Phymatoceras Hyatt, 1867) (Name No. 278);
(d) PLEUROACANTHITIDAE (correction of PLEURACANTHITIDAE) Hyatt, 1900 (type-genus Pleuroacanthites Canavari, 1883) (Name No. 279);
(e) POLYMORPHITIDAE (correction of POLYMORPHIDAE) Haug, 1887 (type-genus Polymorphites Haug, 1887) (Name No. 280);
(f) OLCOSTEPHANIDAE (correction of HOLCOSTEPHANIDAE) Haug, 1910 (type-genus Olcostephanus Neumayr, 1875) (Name No. 281).

(4) The following generic name is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology: Holcostephanus Sayn, G., 1889, an unjustified emendation of Olcostephanus Neumayr, M., 1875 (Name No. 1301).

(5) The following family-group names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name Numbers specified:
   (a) AMALTHEOIDAE Hyatt, 1867 (type-genus Amaltheus Montfort, 1808), an incorrect original spelling for AMALTHEIDAE (Name No. 312);
   (b) OXYNOTIDAE Hyatt, 1875 (type-genus Oxynoticeras Hyatt, 1875), an incorrect original spelling for OXYNOTICERATIDAE (Name No. 313);
   (c) PHYMATOIDAE Hyatt, 1900 (type-genus Phymatoceras Hyatt, 1867), an incorrect original spelling for PHYMATOCERATIDAE (Name No. 314);
   (d) PLEURACANTHITIDAE Hyatt, 1900 (type-genus Pleuroacanthites Canavari, 1883), an incorrect original spelling for PLEUROACANTHITIDAE (Name No. 315);
   (e) POLYMORPHITIDAE Haug, 1887 (type-genus Polymorphites Haug, 1887), an incorrect original spelling for POLYMORPHITIDAE (Name No. 316);
   (f) HOLCOSTEPHANIDAE Haug, 1910 (type-genus Olcostephanus Neumayr, 1875), an incorrect original spelling for OLCOSTEPHANIDAE (Name No. 317).

HISTORY OF THE CASE (Z.N.(S.) 954)

On 18 May 1955, the late Dr. W. J. Arkell applied for seven originally misspelled or incorrectly formed family-group names in the Order Ammonoidea to be placed on the Official List. One of these names (DACTYLOICERATIDAE) was removed from the application because it was dealt with in another case (see Opinion 576). It was not found possible to complete his application before he was struck down by a fatal illness, but as a result of help from other specialists, it was possible to send his paper to the printer on 4 February 1958. It was published on 6 June 1958 in Bull. zool. Nomencl. 16 : 62–66.

Support was received from Mr. P. C. Sylvester-Bradley, Dr. D. T. Donovan and Mr. C. W. Wright (all published in Bull. zool. Nomencl. 16 : 79), and from Mr. R. V. Melville (Geological Survey and Museum, London). No objection was received from any source.
DECISION OF THE COMMISSION

On 12 March 1959, the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (59)3 either for or against Dr. Arkell’s proposals. At the close of the Voting Period on 12 June 1959, the state of the voting was as follows:

Affirmative Votes—twenty-four (24), received in the following order: Lemche, Holthuis, Hemming, Vokes, Prantl, Boschma, Hering, Bonnet, do Amaral, Mertens, Dymond, Mayr, Bodenheimer, Jaczewski, Riley, Obruchev, Key, Stoll, Brinck, Bradley, Kühnelt, Cabrera, Tortonese, Poll.

Negative Votes—none (0).

Votes not returned—three (3); Hanko, Miller, Uchida (late affirmative votes were received from Commissioners Miller and Uchida).

After the close of the above Voting Period, it was noticed that, although the generic name *Olcostephanus* Neumayr, 1875, and the family name *OLCOSTEPHANIDAE* (correction of holcostephanidae) Haug, 1910, had been placed on Official Lists, and the family name *HOLCOSTEPHANIDAE* on an Official Index by means of the vote so taken, no ruling had been given, nor proposals submitted, in regard to the generic name *Holcostephanus*, on which the incorrect original spelling *HOLCOSTEPHANIDAE* was based. Mr. C. W. Wright kindly informed the Office of the Commission that the generic name *Holcostephanus* was first published by Sayn, G., 1889, as a deliberate emendation of *Olcostephanus* Neumayr, 1875; and it is clear that this emendation is unjustified, since Neumayr’s generic name does not call for corrections under any mandatory provision of the rules, in spite of the fact that the “Holco-” spelling was the correct latinized form of the original Greek word.

On 31 July 1959, the Members of the Commission were accordingly asked to vote under the One-Month Rule on Voting Paper (O.M.) (59)3 for or against the placing of the generic name *Holcostephanus* Sayn, G., 1889, on the Official Index of Rejected and Invalid Generic Names in Zoology. At the close of the Voting Period on 31 August 1959, the state of the voting was as follows:

Affirmative Votes—twenty-three (23), received in the following order: Holthuis, Vokes, Boschma, Hering, Brinck, Riley, Bradley, Stoll, Dymond, Jaczewski, Mertens, Key, Hemming, Miller, Bodenheimer, Mayr, Cabrera, Prantl, Obruchev, Kühnelt, Lemche, Hankó, Bonnet.

Negative Votes—one (1): do Amaral (“I think the emendation is perfectly justified on linguistic grounds, the correct family name being *HOLCOSTEPHANIDAE*”).

Votes not returned—three (3): Poll, Tortonese, Uchida (a late affirmative vote was received from Commissioner Poll).

ORIGINAL REFERENCES

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


*aMALTHEOIDAE* Hyatt, 1867 (an incorrect original spelling for *AMALTHEIDEAE*)

*Amaltheus* Montfort, 1808, *Conch. syst. Class. méth. Coquilles* 1 : 90
astierianus, Ammonites, d’Orbigny, 1840, Pal. franc. Terr. crét. 1 : 115
biformis, Ammonites, J. de C. Sowerby, 1831, in de la Beche, Geol. Man.: 319
holcostephanidae Haug, 1910 (an incorrect original spelling of OLCOSTEPHANIDAE)
Holcostephanus Sayn, G., 1889, Bull. Soc. géol. France (3) 17 : 679
margaritatus, Amaltheus, Montfort, 1808, Conch. syst. Class. méth. Coquilles 1 : 91
OLCOSTEPHANIDAE (correction of HOLCOSTEPHANIDAE) Haug, 1910, Traité Géol. 2(2) : 1167
Olcostephamis Neumayr, 1875, Z. deutsch. geol. Ges. 27 : 922
oxynotus, Ammonites, Quenstedt, F. A., 1843, Floezgeb. Wurtemb. : 161
PHYMATOIDAE Hyatt, 1867 (an incorrect original spelling for PHYMATOCERATIDAE)
Pleuroacanthites Canavari, 1883, Atti Soc. toscana, Proc. verb. 3 : 279
PLEUROACANTHITIDAE Hyatt, 1900 (an incorrect original spelling for Pleuroacanthitidae)
PLEUROACANTHITIDAE (correction of Pleuroacanthitidae) Hyatt, 1900, in Zittel’s Textb. Palaeont. (ed. C. R. Eastman) : 568
POLYMORPHIDAE Haug, 1887 (an incorrect original spelling for Polymorphitidae)
Polymorphites Haug, 1887, Neues Jahrb. Min. 1887, 2 : 107, 120
POLYMORPHITIDAE (correction of Polymorphitidae) Haug, 1887, Neues Jahrb. Min. 1887, 2 : 89
polymorphus, Ammonites, Quenstedt, F. A., 1845, Petref. Deutschl. : 86

The following are the references to the selections of type-species for nominal genera included in the present Ruling:
For Oxynoticeras Hyatt, 1867 S. S. Buckman, 1909, Yorkshire Type Ammonites 1 : ii
For Pleuroacanthites Canavari, Haug, 1889, Annu. géol. univ. 5 for 1888 : 1057

CERTIFICATE
We certify that the votes cast on Voting Papers (59)3 and (O.M.)(59)3 were cast as set out above, that the proposals set out in the Voting Papers have been duly adopted, and that the decisions so taken, being the decisions of the International Commission, are truly recorded in the present Opinion No. 575.
N. D. RILEY
Secretary
International Commission on Zoological Nomenclature
London
4 September 1959

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