

OPINION 1959

Terebratula Müller, 1776 (Brachiopoda): *Anomia terebratula* Linnaeus, 1758 designated as the type species

Keywords. Nomenclature; taxonomy; Brachiopoda; TEREBRATULIDAE; *Terebratula*; *Terebratula terebratula*; brachiopods; Pliocene.

Ruling

- (1) Under the plenary power all previous fixations of type species for the nominal genus *Terebratula* Müller, 1776 are hereby set aside and *Anomia terebratula* Linnaeus, 1758 is designated as the type species.
- (2) The name *Terebratula* Müller, 1776 (gender: feminine), type species by designation under the plenary power in (1) above *Anomia terebratula* Linnaeus, 1758 is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *terebratula* Linnaeus, 1758, as published in the binomen *Anomia terebratula* and as defined by the neotype (catalogue no. BM(NH) BG152 in the Natural History Museum, London) designated by Lee & Brunton (1998) (specific name of the type species of *Terebratula* Müller, 1776) is hereby placed on the Official List of Specific Names in Zoology.

History of Case 3094

An application for the designation of *Anomia terebratula* Linnaeus, 1758 as the type species of *Terebratula* Müller, 1776 was received from Dr Daphne E. Lee (*University of Otago, Dunedin, New Zealand*) and Dr C.H.C. Brunton (*The Natural History Museum, London, U.K.*) on 26 June 1998. After correspondence the case was published in BZN 55: 220–223 (December 1998). Notice of the case was sent to appropriate journals.

Decision of the Commission

On 1 December 1999 the members of the Commission were invited to vote on the proposals published in BZN 55: 222. At the close of the voting period on 1 March 2000 the votes were as follows:

Affirmative votes — 21: Bock, Bouchet, Brothers, Cocks, Cogger, Dupuis, Eschmeyer, Heppell, Kerzhner, Kraus, Macpherson, Mahnert, Martins de Souza, Nielsen, Papp, Patterson, Ride, Savage, Schuster, Song, Štys

Negative votes — none.

Minelli abstained.

No vote was received from Mawatari.

Lehtinen was on leave of absence.

Voting for, Brothers commented: 'I vote in favour somewhat reluctantly. No information has been provided on the identity or even the existence of type material for Müller's (1776) three originally included species. If *T. cranium* Müller is truly synonymous with *A. terebratula* Linnaeus (para. 3 of the application) and no type material for *T. cranium* exists, designation of the neotype of *A. terebratula* as the

neotype of *T. cranium* also, and designation of *T. cranium* as the type species, would have solved the type species problem without Commission intervention'. Kerzhner commented: 'I vote in support but with some doubt as the identity of the three nominal species originally included in *Terebratula* is not explained in the application'. Ride commented: 'Before the Commission places the name *A. terebratula* on the Official List, based on the neotype designated in the application, the authors should be asked to confirm that the 'incomplete' specimen nominated is sufficiently complete to indicate the structure of its internal loop, or at least that the structure has been confirmed in topotypes. My colleague Prof K.S.W. Campbell informs me that without knowledge of the structure of the loop it will remain uncertain whether the type is a terebratuloid or a terebrateloid'. [Dr D.E. Lee replied, in litt., March 2000: 'We should make it clear that we do have the internal loops present in many topotypes of *T. terebratula* and so the systematic placing is completely unambiguous']. In abstaining, Minelli commented: 'It is not clear from the application why none of the nominal species originally included in *Terebratula* by Müller (1776) would not be suitable for fixation as the type species'.

Original references

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

terebratula, *Anomia*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 703.

Terebratula Müller, 1776, *Zoologiae Danicae prodromus seu animalium Daniae et Norvegiae indigenarum characteres, nomina, et synonyma imprimis popularium*, p. 249.

The following is the reference for the designation of the neotype of *Anomia terebratula* Linnaeus, 1758:

Lee, D.E. & Brunton, C.H.C. BZN 55: 222.



International Commission on Zoological Nomenclature. 2000. "Opinion 1959."
The Bulletin of zoological nomenclature 57, 187–188.

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