

OPINION 1355

LINGULA ANATINA LAMARCK, 1801 IS THE TYPE SPECIES OF
LINGULA BRUGUIÈRE, [1797] (BRACHIOPODA)

RULING. — (1) Under the plenary powers:

- (a) all designations of type species hitherto made for the nominal genus *Lingula* Bruguière, [1797] are hereby set aside and *Lingula anatina* Lamarck, 1801 is hereby designated as type species of that genus;
- (b) the specific name *lingua* Lightfoot, 1786, as published in the binomen *Mytilus lingua*, is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The generic name *Lingula* Bruguière, [1797] (gender: feminine), type species, by designation under the plenary powers in (1)(a) above, *Lingula anatina* Lamarck, 1801, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 2288.

(3) The specific name *anatina* Lamarck, 1801, as published in the binomen *Lingula anatina* (specific name of type species of *Lingula* Bruguière, [1797]) is hereby placed on the Official List of Specific Names in Zoology with the Name Number 3023.

(4) The specific name *lingua* Lightfoot, 1786, as published in the binomen *Mytilus lingua*, and as suppressed under the plenary powers in (1)(b) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Number 1162.

HISTORY OF THE CASE Z.N.(S.)1598

An application for the use of the plenary powers to designate *Lingula anatina* Lamarck, 1801 as the type species of *Lingula* Bruguière, [1797] was first received from Dr A. J. Rowell (then of the *University of Nottingham, England*) on 6 December 1963. It was sent to the printer on 17 December 1963 and published on 7 August 1964 in *Bull. zool. Nom.* vol. 21, pp. 222–224. Public notice of the possible use of the plenary powers in the case was given in the same part of the *Bulletin* as well as to the statutory serials, two malacological serials and two palaeontological serials. No comment was received.

FIRST VOTE OF THE COMMISSION

On 10 March 1966 the members of the Commission were invited to vote under the Three-Month Rule in Voting Paper (66)20 for or against the proposals set out in *Bull. zool. Nom.* vol. 21, p. 223. At the close of the voting period on 10 June 1966 there were 20 votes in favour and none against, with two late affirmative votes and three voting papers not returned.

During the voting period a note was received from Dr Harald Rehder (U.S. National Museum, Washington D.C.) pointing out that *Mytilus lingua* Lightfoot, 1786 was a senior subjective synonym of *Lingula anatina* Lamarck, 1801. For reasons that cannot now be ascertained, this caused the case to be put away and forgotten.

REOPENING OF THE CASE

In December 1979 Dr Rex Doescher (National Museum of Natural History, Washington, D.C.) wrote to enquire of the fate of Dr Rowell's application. He sent copies of letters from Dr Rowell and Dr C. Emig (Station marine d'Endoume, Marseille, France) recommending the suppression of *Mytilus lingua* Lightfoot, 1786 — a view expressed directly to the Secretary by Dr L. S. Hammond (James Cook University of North Queensland, Australia). A report on the case was accordingly prepared and published on 7 December 1982 in *Bull. zool. Nom.* vol. 39, pp. 302–304. A comment from Dr L. B. Holthuis pointed out that the nomenclatural status of *Mytilus lingua* was quite independent from the question of the nominal type species of *Lingula*. Considering the uncertain identity of *M. lingua*, however, he thought it even better to retain *L. anatina* as the type species of *Lingula*. No other comments were received.

SECOND AND THIRD VOTES OF THE COMMISSION

On 13 September 1984 the members of the Commission were invited to vote under the Three-Month Rule in Voting Paper (1984)57 for or against the proposals set out in *Bull. zool. Nom.* vol. 39, p. 303. The fact that two mutually exclusive alternatives were put forward was unfortunately overlooked. The members were in fact asked to vote, first, for or against the use of the plenary powers in the case, and then either for the suppression of *Mytilus lingua* Lightfoot, 1786 or for the grant of precedence over it to *Lingula anatina* Lamarck, 1801. Several members wrote to draw attention to the defective preparation of the voting paper, which was accordingly withdrawn.

On 11 March 1985 the members of the Commission were invited to vote under the Three-Month Rule in Voting Paper (1985)21 in Part 1 for or against the use of the plenary powers in the case, and in Part 2 either (a) for the suppression of *Mytilus lingua* Lightfoot, 1786 or (b) for the grant of precedence over it to *Lingula anatina* Lamarck. At the close of the voting period on 11 June 1985 the state of the voting was as follows:

Part 1

Affirmative Votes — twenty (20) received in the following order: Melville, Cocks, Brinck, Holthuis, Alvarado, Willink, Uéno, Corliss,

Mroczkowski, Hahn, Cogger, Bernardi, Halvorsen, Binder, Schuster, Trjapitzin, Bayer, Ride, Lehtinen, Dupuis

Negative Votes — two (2): Sabrosky, Savage.

Part 2

For alternative (a) — twelve (12): Melville, Cocks, Brinck, Alvarado, Corliss, Cogger, Bernardi, Halvorsen, Schuster, Trjapitzin, Ride, Lehtinen

For alternative (b) — eight (8): Holthuis, Willink, Uéno, Mroczkowski, Hahn, Kraus, Binder, Bayer.

Dupuis returned a late affirmative vote for Part 1 and Part 2(b). No votes were returned by Heppell and Starobogatov.

ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

anatina, *Lingula*, Lamarck, 1801, *Système des animaux sans vertèbres*, p. 141

lingua, *Mytilus*, Lightfoot, 1786, *Catalogue of the Portland Museum*, p. 77

Lingula Bruguière, [1797], *Tabl. encycl. trois règnes de la nature*, Vers, Coquilles, Mollusques et Polypiers, pl. 250.

CERTIFICATE

I hereby certify that the votes cast in Voting Paper (85)21 were cast as set out above, that the proposals contained in that voting paper have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion 1355.

R. V. MELVILLE

Secretary

International Commission on Zoological Nomenclature

London

26 June 1985



International Commission on Zoological Nomenclature. 1985. "Opinion 1355. *Lingula anatina* Lamarck, 1801 is the type species of *Lingula Bruguière*, [1797] (Brachiopoda)." *The Bulletin of zoological nomenclature* 42, 332–334.

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