

OPINION 2154 (Case 3290)***Platystrophia* King, 1850 (Brachiopoda, Orthida): usage conserved by designation of *Porambonites costata* Pander, 1830 as the type species**

Abstract. The Commission has ruled that the usage of the name *Platystrophia* King, 1850 for a genus of fossil brachiopods of Ordovician – Silurian age is conserved by the designation of *Platystrophia costata* Pander, 1830 as the type species.

Keywords. Nomenclature; taxonomy; Brachiopoda; Orthida; *Platystrophia*; *Platystrophia costata*; fossil brachiopods; Ordovician; Silurian.

Ruling

- (1) Under the plenary power it is hereby ruled that all previous fixations of type species for the nominal genus *Platystrophia* King, 1850 are set aside and *Porambonites costata* Pander, 1830 is designated as the type species.
- (2) The name *Platystrophia* King, 1850 (gender: feminine), type species by designation in (1) above *Porambonites costata* Pander, 1830, is hereby placed on the Official Lists of Generic Names in Zoology.
- (3) The name *costata* Pander, 1830, as published in the binomen *Porambonites costata* (specific name of the type species of *Platystrophia* King, 1850) and as defined by the neotype designated by Zuykov, 1999, is hereby placed on the Official List of Specific Names in Zoology

History of Case 3290

An application to conserve the usage of the name *Platystrophia* King, 1850 for a genus of fossil brachiopods of Ordovician – Silurian age was received from M.A. Zuykov (*Department of Palaeontology, St. Petersburg State University, St. Petersburg, Russia*) and D.A.T. Harper (*Geological Museum, Copenhagen, Denmark*) on 3 June 2003. After correspondence the case was published in BZN 61: 246–250 (December 2004). The title, abstract and keywords of the case were published on the Commission's website. No comments were received on this application.

Decision of the Commission

On 1 December 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 249. At the close of the voting period on 1 March 2006 the votes were as follows:

Affirmative votes: – 18: Alonso-Zarazaga, Bock, Brothers, Calder, Fortey, Halliday, Kerzhner, Lamas, Macpherson, Mahnert, Mawatari, Minelli, Nielsen, Papp, Patterson, Rosenberg, Štys and van Tol.

Negative votes: – none.

Bouchet abstained.

No votes were received from Ng and Song.

Abstaining, Bouchet commented that he would have liked 'prevailing usage' to have been better documented.

Original references

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

costata, *Porambonites*, Pander, 1830, *Beiträge zur Geognosie des russischen Reiches*, p. 96.
Platystrophia King, 1850, *A monograph of the Permian Fossils of England*, p. 106.

The following is the reference for the designation of one of the specimens from Pander's 1845 collection from the Pulkova River, probably from the Kunda Stage, Obukhovo Formation, as the neotype of *Porambonites costata* Pander, 1830:

Zuykov, M.A. 1999. *Proceedings of the Estonian Academy of Sciences*, **48**(4): 200.