

OPINION 2167 (Case 3305)**NAIDIDAE Ehrenberg, 1828 (Annelida, Clitellata): precedence over TUBIFICIDAE Vejdovský, 1876 maintained**

Abstract. The Commission has ruled that precedence is maintained for NAIDIDAE Ehrenberg, 1828 over TUBIFICIDAE Vejdovský, 1876 for a well-known group of aquatic oligochaetous clitellates.

Keywords. Nomenclature; taxonomy; Annelida; Oligochaeta; Clitellata; NAIDIDAE; TUBIFICIDAE; *Nais*; *Tubifex*; sludge worms.

Ruling

- (1) The proposal to give TUBIFICIDAE Vejdovský, 1876 precedence over NAIDIDAE Ehrenberg, 1828 whenever their type genera are placed in the same family-group taxon was not approved.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Nais* Müller, 1774 (gender: feminine), type species by subsequent designation by Sperber (1948) *Nais barbata* Müller, 1774;
 - (b) *Tubifex* Lamarck, 1816 (gender: masculine), type species by subsequent designation by Beddard (1895) *Lumbricus tubifex* Müller, 1774 (senior objective synonym of *Tubifex rivulorum* Lamarck, 1816).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *barbata* Müller, 1774, as published in the binomen *Nais barbata* (specific name of the type species of *Nais* Müller, 1774);
 - (b) *tubifex* Müller, 1774, as published in the binomen *Lumbricus tubifex* (specific name of the type species of *Tubifex* Lamarck, 1816).
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
 - (a) NAIDIDAE Ehrenberg, 1828 (type genus *Nais* Müller, 1774);
 - (b) TUBIFICIDAE Vejdovský, 1876 (type genus *Tubifex* Lamarck, 1816).

History of Case 3305

An application to give the family-group name TUBIFICIDAE Vejdovský, 1876 precedence over NAIDIDAE Ehrenberg, 1828 for a well-known group of aquatic oligochaetous clitellates was received from Christer Erséus (*Department of Zoology, Göteborg University, Göteborg, Sweden*), Lena Gustavsson (*Department of Invertebrate Zoology, Swedish Museum of Natural History, Stockholm, Sweden*) and Ralph O. Brinkhurst (*3570 Cainsville Road, Lebanon, TN 37090, U.S.A.*) on 21 October 2003. After correspondence the case was published in BZN 62: 226–231 (December 2005). The title, abstract and keywords of the case were published on the Commission's website. A comment in support of the case was published in BZN 63: 48.

Decision of the Commission

On 1 September 2006 the members of the Commission were invited to vote on the proposals published in BZN 62: 229. At the close of the voting period on 1 December 2006 the votes were as follows:

Affirmative votes – 10: Bock, Halliday, Kullander, Macpherson, Mahnert, Ng, Papp, Rosenberg, Song and Zhang.

Negative votes – 18: Alonso-Zarazaga, Bogutskaya, Bouchet, Brothers, Fautin, Grygier, Kerzhner, Kottelat, Krell, Lamas, Lim, Mawatari, Minelli, Pape, Patterson, Pyle, Štys and van Tol.

Commissioners voting against the proposal to give precedence to TUBIFICIDAE Vejdovský, 1876 over NAIDIDAE Ehrenberg, 1828 considered that the use of the former name was not so great as to justify reversal of precedence and that no confusion would result from adherence to priority.

Original references

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

barbata, Nais, Müller, 1774, *Vermium Terrestrium et Fluviatilium, seu Animalium Infusorium, Helminthicorum et Testaceorum, non Marinorum, Succincta Historia*, vol. 1, part 2, p. 23.

NAIDIDAE Ehrenberg, 1828. *Symbolae physicae. Animalia evertebrata*, p. 59.

Nais Müller, 1774, *Vermium Terrestrium et Fluviatilium, seu Animalium, Infusorium, Helminthicorum et Testaceorum, non Marinorum, Succincta Historia*, vol. 1, part 2, p. 20.

Tubifex Lamarck, 1816, *Histoire naturelle des animaux sans vertèbres*, p. 224.

tubifex, *Lumbricus*, Müller, 1774, *Vermium Terrestrium et Fluviatilium, seu Animalium Infusorium, Helminthicorum et Testaceorum, non Marinorum, Succincta Historia*, vol. 1, part 2, p. 27.

TUBIFICIDAE Vejdovský, 1876, *Sitzungsberichte der k. Böhmischen Gesellschaft der Wissenschaften, Prag*, 1875: 193.

The following is the reference for the designation of *Lumbricus tubifex* Müller, 1774 as the type species of the nominal genus *Tubifex* Lamarck, 1816:

Beddard, F.E. 1895. *A monograph of the order Oligochaeta*, p. 243.

The following is the reference for the designation of *Nais barbata* Müller, 1774 as the type species of the nominal genus *Nais* Müller, 1774:

Sperber, C. 1948. *Zoologiska Bidrag från Uppsala*, 28: 102.