

OPINION 2132 (Case 3270)**ISOMETRINAE Clark, 1917 (Echinodermata, Crinoidea): spelling emended to ISOMETRAINAE to remove homonymy with ISOMETRINAE Kraepelin, 1891 (Arachnida, Scorpiones)**

Abstract. The Commission has ruled that the homonymy between the crinoid subfamily name ISOMETRINAE Clark, 1917 (type genus *Isometra* Clark, 1908; family ANTEDONIDAE) and the scorpion subfamily name ISOMETRINAE Kraepelin, 1891 (type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828; family BUTHIDAE) is removed. The entire generic name *Isometra* has been adopted as the stem and the correct spelling of the crinoid subfamily is ISOMETRAINAE Clark, 1917.

Keywords. Nomenclature; taxonomy; Crinoidea; Scorpiones; ANTEDONIDAE; BUTHIDAE; ISOMETRAINAE; ISOMETRINAE; *Isometra*; *Isometrus*; crinoids; scorpions.

Ruling

- (1) Under the plenary power it is hereby ruled that for the purposes of Article 29 of the Code the stem of the generic name *Isometra* Clark, 1908 is ISOMETRA-.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828 (gender: masculine), type species by monotypy *Buthus (Isometrus) filum* Ehrenberg in Hemprich & Ehrenberg, 1828 (Scorpiones);
 - (b) *Isometra* Clark, 1908 (gender: feminine), type species by original designation *Antedon challengerii* Clark, 1907 (Crinoidea).
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *maculatus* DeGeer, 1778, as published in the binomen *Scorpio maculatus* (senior synonym of *Buthus (Isometrus) filum* Ehrenberg in Hemprich & Ehrenberg, 1828, the specific name of the type species of *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828) (Scorpiones);
 - (b) *challengerii* Clark, 1907, as published in the binomen *Antedon challengerii* (specific name of the type species of *Isometra* Clark, 1908) (Crinoidea).
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
 - (a) ISOMETRINAE Kraepelin, 1891, type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828 (Scorpiones);
 - (b) ISOMETRAINAE Clark, 1917, type genus *Isometra* Clark, 1908 (spelling emended by the ruling in (1) above) (Crinoidea).
- (5) The name ISOMETRINAE Clark, 1917 (an incorrect original spelling of ISOMETRAINAE, as ruled in (1) above) is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (Crinoidea).

History of Case 3270

An application to remove the homonymy between the crinoid subfamily name ISOMETRINAE Clark, 1917 (type genus *Isometra* Clark, 1908; family ANTEDONIDAE) and the scorpion subfamily name ISOMETRINAE Kraepelin, 1891 (type genus *Isometrus* Ehrenberg in Hemprich & Ehrenberg, 1828; family BUTHIDAE) by adopting the entire generic name of *Isometra* as the stem, so that the correct spelling of the crinoid subfamily will become ISOMETRAINAE Clark, 1917 was received from Victor Fet (Marshall University, Huntington, West Virginia 25755, U.S.A.) and Charles Messing (Oceanographic Center, Nova Southeastern University, Dania Beach, Florida 33004, U.S.A.) on 6 February 2003. After correspondence the case was published in BZN **60**: 293–296 (December 2003). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

Decision of the Commission

On 1 March 2005 the members of the Commission were invited to vote on the proposals published in BZN **60**: 294–295. At the close of the voting period on 1 June 2005 the votes were as follows:

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

Negative votes — none.

No votes were received from Böhme, Kerzhner, Ng and Song.

Original references

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

- challengeri*, Antedon, Clark, 1907, *Smithsonian Miscellaneous Collections*, **50**(3): 353.
Isometra Clark, 1908, *Proceedings of the Biological Society of Washington*, **21**: 133.
ISOMETRAINAE Clark, 1917, *Journal of the Washington Academy of Sciences*, **7**(5): 6.
ISOMETRINAE Clark, 1917, *Journal of the Washington Academy of Sciences*, **7**(5): 6.
ISOMETRINAE Kraepelin, 1891, *Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten*, **8**: 6.
Isometrus Ehrenberg in Hemprich & Ehrenberg, 1828, *Zoologica II. Arachnoidea*. Pl. I: *Buthus*; pl. II: *Androctonus* in: *Symbolae physicae seu icones et descriptiones animalium evertibratorum sepositis insectis quae ex itinere per Africam borealem et Asiam occidentalem*, pl. 1, fig. 3.
maculatus, Scorpio, DeGeer, 1778, *Mémoires pour servir à l'histoire des insectes*, Tom. 7, p. 346.