

OPINION 2155 (Case 3235)***Sclerocrinus* Jaekel, 1891 (Crinoidea, Cyrtocrinida): not conserved; priority maintained for *Gammarocrinites* Quenstedt, 1857**

Abstract. The Commission has ruled that priority should be maintained for the generic name *Gammarocrinites* Quenstedt, 1857 for a group of fossil (Upper Jurassic (Oxfordian)-Lower Cretaceous (Valanginian)) crinoids. The name *Sclerocrinus* Jaekel, 1891 is not given precedence over the senior name whenever the two are considered to be synonyms. The two names have been used indiscriminately for the same taxon.

Keywords. Nomenclature; taxonomy; SCLEROCRINIDAE; *Gammarocrinites*; *Sclerocrinus*; *Gammarocrinites compressus*; *Sclerocrinus strambergensis*; fossil crinoids; Upper Jurassic-Lower Cretaceous; Europe.

Ruling

- (1) It is hereby ruled that the name *Gammarocrinites* Quenstedt, 1857 retains priority over the name *Sclerocrinus* Jaekel, 1891 whenever the two are considered to be synonyms.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Gammarocrinites* Quenstedt, 1857 (gender: masculine), type species by subsequent designation by Rasmussen (1978) *Eugeniocrinites compressus* Goldfuss, 1829;
 - (b) *Sclerocrinus* Jaekel, 1891 (gender: masculine), type species by subsequent designation by Rasmussen (1961) *S. strambergensis*, Jaekel, 1891.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *compressus* Goldfuss, 1829, as published in the binomen *Eugeniocrinites compressus* (specific name of the type species of *Gammarocrinites* Quenstedt, 1857);
 - (b) *strambergensis* Jaekel, 1891, as published in the binomen *Sclerocrinus strambergensis* (specific name of the type species of *Sclerocrinus* Jaekel, 1891).

History of Case 3291

An application to conserve the generic name *Sclerocrinus* Jaekel, 1891 for a group of fossil (Upper Jurassic (Oxfordian)-Lower Cretaceous (Valanginian)) crinoids by giving it precedence over the name *Gammarocrinites* Quenstedt, 1857 whenever the two are considered to be synonyms was received from H. Hess (*Naturhistorisches Museum Basel, Basel, Switzerland*) on 28 February 2002. After correspondence the case was published in BZN 61: 251–253 (December 2004). 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 December 2005 the members of the Commission were invited to vote on the proposals published in BZN 61: 252. At the close of the voting period on 1 March 2006 the votes were as follows:

Affirmative votes: – 9: Bock, Fortey, Halliday, Lamas, Macpherson, Mahnert, Mawatari, Nielsen and Papp.

Negative votes: – 10: Alonso-Zarazaga, Bouchet, Brothers, Calder, Kerzhner, Minelli, Patterson, Rosenberg, Štys and van Tol.

No votes were received from Ng and Song.

Voting against, Alonso-Zarazaga, Bouchet, Brothers and Štys said that they did not consider that the case for reversed precedence had been made.

Original references

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

compressus, *Eugeniocrinites*, Goldfuss, 1829, *Petrefacta Germaniae*, Bd. 1, Lief. 2, p. 164.

Gammarocrinites Quenstedt, 1857, *Der Jura*, Lief. 4, p. 654.

Sclerocrinus Jaekel, 1891, *Zeitschrift der Deutschen geologischen Gesellschaft*, 43: 621.

strambergensis, *Sclerocrinus*, Jaekel, 1891, *Zeitschrift der Deutschen geologischen Gesellschaft*, 43: 623.

The following is the reference for the designation of *Eugeniocrinites compressus* Goldfuss, 1829 as the type species of *Gammarocrinites* Quenstedt, 1857:

Rasmussen, H.W. 1978. *Treatise on Invertebrate Paleontology*, Part T, Echinodermata 2, vol. 3, p. T831.

The following is the reference for the designation of *Sclerocrinus strambergensis* Jaekel, 1891 as the type species of *Sclerocrinus* Jaekel, 1891:

Rasmussen, H.W. 1961. *Biologiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab*, 12: 217.