

OPINION 2157 (Case 3309)***Rosacea* Quoy & Gaimard, 1827: usage conserved; *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911: conserved (Cnidaria, Siphonophora)**

Abstract. The Commission has ruled that the usage of the generic name *Rosacea* Quoy & Gaimard, 1827 is conserved by the designation of *R. plicata* Bigelow, 1911 as its type species, and the names *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911 are conserved for two widely distributed species of calycothoracian siphonophores.

Keywords. Nomenclature; taxonomy; Cnidaria; Siphonophora; PRAYIDAE; *Desmophyes*; *Rosacea*; *Desmophyes annectens*; *Rosacea plicata*; calycothoracian prayid siphonophores.

Ruling

- (1) Under the plenary power it is hereby ruled that:
 - (a) the name *plicata* Quoy & Gaimard, 1827, as published in the binomen *Rosacea plicata*, and all uses of the name before that by Bigelow (1911) are suppressed for the purposes of both the Principle of Priority and the Principle of Homonymy;
 - (b) all previous fixations of type species for the nominal genus *Rosacea* Quoy & Gaimard, 1827 are set aside and *Rosacea plicata* Bigelow, 1911 is designated as the type species.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Desmophyes* Haeckel, 1888 (gender: masculine), type species by monotypy *Desmophyes annectens* Haeckel, 1888;
 - (b) *Rosacea* Quoy & Gaimard, 1827 (gender: feminine), type species by designation in (1)(b) above *Rosacea plicata* Bigelow, 1911.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *annectens* Haeckel, 1888, as published in the binomen *Desmophyes annectens* (specific name of the type species of *Desmophyes* Haeckel, 1888);
 - (b) *plicata* Bigelow, 1911, as published in the binomen *Rosacea plicata* and defined by the lectotype, designated as a neotype by Pugh & Harbison (1987), registered as BMNH Reg. No. 1939.6.10.1 in the Natural History Museum, London (specific name of the type species of *Rosacea* Quoy & Gaimard, 1827).
- (4) The name *plicata* Quoy & Gaimard, 1827, as published in the binomen *Rosacea plicata*, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology (suppressed in (1)(a) above).

History of Case 3309

An application to conserve the usage of the generic name *Rosacea* Quoy & Gaimard, 1827 by the designation of *R. plicata* Bigelow, 1911 as its type species, and to conserve the names *Desmophyes annectens* Haeckel, 1888 and *Rosacea plicata* Bigelow, 1911 was received from Gillian M. Mapstone (*Natural History Museum, London SW7 5BD, U.K.*) and Philip R. Pugh (*National Oceanography Centre, European Way, Southampton SO14 3ZH, U.K.*) on 19 December 2003. After correspondence the case was published in BZN **61**: 149–153 (September 2004). The title, abstract and keywords of the case were published on the Commission's website. A comment in support of the application was published in BZN **62**: 84.

Decision of the Commission

On 1 September 2005 the members of the Commission were invited to vote on the proposals published in BZN **61**: 151. At the close of the voting period on 1 December 2005 the votes were as follows:

Affirmative votes: – 14: Bock, Brothers, Fortey, Halliday, Macpherson, Mahnert, Mawatari, Minelli, Ng, Nielsen, Papp, Rosenberg, Song and van Tol.

Negative votes: – 6: Alonso-Zarazaga, Bouchet, Calder, Lamas, Patterson and Štys.

Kerzhner abstained.

Voting against, Alonso-Zarazaga, Bouchet, Lamas and Štys considered that *Rosacea plicata* Bigelow, 1911 should be regarded as a misidentification of *Rosacea plicata* Quoy & Gaimard, 1827 rather than a new name. Alonso-Zarazaga pointed out that the gender of the genus *Desmophyes* Haeckel, 1888 should be treated as masculine rather than feminine.

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:

annectens, *Desmophyes*, Haeckel, 1888, *Report on the scientific results of the voyage of H.M.S. Challenger during the years 1872–76*, Zoology, **28**: 170.

Desmophyes Haeckel, 1888, *Jenaische Zeitschrift für Naturwissenschaft*, **22**: 36.

plicata, *Rosacea*, Bigelow, 1911, *Transactions of the Linnean Society of London*, Series 2, Zoology, **10**(10): 201–203.

plicata, *Rosacea*, Quoy & Gaimard, 1827, *Annales des Sciences Naturelles* (Series 1), **10**: 177.

Rosacea Quoy & Gaimard, 1827, *Annales des Sciences Naturelles* (Series 1), **10**: 176–177.

The following is the reference for the designation of a lectotype (originally as a neotype) for *Rosacea plicata* Bigelow, 1911:

Pugh, P.R. & Harbison, G.R. 1987. *Bulletin of Marine Science*, **41**(1): 86.