

OPINION 1356

DACTYLOPUSIA NORMAN, 1903 (CRUSTACEA, COPEPODA):
TYPE SPECIES DESIGNATED

RULING. — (1) Under the plenary powers all designations of type species hitherto made for the nominal genus *Dactylopusia* Norman, 1903 are hereby set aside and *Dactylopusia tisboides* Claus, 1863 is hereby designated as type species of that genus.

(2) The following generic names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

- (a) *Dactylopusia* Norman, 1903 (gender: feminine), type species, by designation under the plenary powers in (1) above, *Dactylopusia tisboides* Claus, 1863 (Name Number 2289);
- (b) *Heterolaophonte* Lang, 1948 (gender: feminine), type species, by original designation, *Cyclops stroemii* Baird, 1837 (Name Number 2290).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

- (a) *tisboides* Claus, 1863, as published in the binomen *Dactylopusia tisboides* (specific name of the type species of *Dactylopusia* Norman, 1903) (Name Number 3024);
- (b) *stroemii* Baird, 1837, as published in the binomen *Cyclops stroemii* (specific name of the type species of *Heterolaophonte* Lang, 1948) (Name Number 3025).

(4) The subfamily name DACTYLOPUSIINAE Lang, 1936 (corrected by Vervoort, 1963 from 'DACTYLOPODIINAE') (type genus *Dactylopusia* Norman, 1903) is hereby placed on the Official List of Family-Group Names in Zoology with the Name Number 588.

(5) The subfamily name DACTYLOPODIINAE Lang, 1936 (an incorrect original spelling of DACTYLOPUSIINAE) is hereby placed on the Official Index of Rejected and Invalid Family-Group names in Zoology with the Name Number 505.

HISTORY OF THE CASE Z.N.(S.)1517

An application for the use of the plenary powers to designate a type species for *Dactylopusia* Norman, 1903 was first received from Dr W. Vervoort (*Rijksmuseum van Natuurlijke Historie, Leiden*) on 26 January 1962. This was sent to the printer on 9 March 1962 and published on 11 April 1963 in *Bull. zool. Nom.*, vol. 20, pp. 145–147. Public notice of the possible use of the plenary powers was sent to the statutory serials and to one specialist serial. A comment raising certain objections to the case was received from the then Dr Per Brinck (*University of Lund, Sweden*) and published in *Bull. zool. Nom.*, vol. 21, p. 193. No further comments were received.

On 5 October 1964 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1964) 20 for or against the proposals set out in *Bull. zool. Nom.*, vol. 20, pp. 146–147. At the close of the voting period on 5 January 1965 the result of the voting was fifteen affirmative votes and 10 negative. Two Commissioners did not return their voting papers and one abstained. A less than two-thirds majority was therefore secured and no Opinion was written.

On 1 April 1982 a revised version of the application was received under the joint authorship of Dr W. Vervoort and Dr L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden*). It was sent to the printers on 14 January 1983 and published on 29 March 1983 in *Bull. zool. Nom.*, vol. 40, pp. 56–57. Public notice of the possible use of the plenary powers was given in the same part of the *Bulletin* as well as to the statutory serials, to seven general and one specialist serial. No comment was received even though the case was announced in *Monoculus*, the copepod newsletter.

DECISION OF THE COMMISSION

On 15 April 1985 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (1985)23 for or against the proposals set out in *Bull. zool. Nom.* vol. 40, p. 57. At the close of the voting period on 15 July 1985 the state of the voting was as follows:

Affirmative Votes — twenty-two (22) received in the following order: Melville, Cocks, Holthuis, Halvorsen, Binder, Savage, Trjapitzin, Mroczkowski, Corliss, Lehtinen, Ride, Alvarado, Willink, Hahn, Schuster, Gruchy, Uéno, Brinck, Kraus, Bayer, Heppell, Bernardi

Negative Votes — one (1) Dupuis.

A late affirmative vote was returned by Cogger.

No vote was returned by Starobogatov.

Dupuis commented: 'Dans les cas d'espèces types mal identifiées, j'admets, par principe, l'identification correcte. Ici, je vote contre, car il s'agit de tout autre chose: remplacer, en *nomenclature*, une espèce type par une autre pour éluder, en *taxinomie*, le problème — simplement possible à l'avenir — de la délimitation de la première (cela revient à créer un "néotype" pour un genre).

'Les requérants déclarent: "It is not our purpose, nor is it the business of the Commission, to examine the taxonomic problems affecting *C. stroemii* or *D. vulgaris*".

'Les deux exemples cités démontrent que cette déclaration est incorrecte en ce qu'elle confond, sous la formule "taxonomic problems", deux sortes de problèmes:

'a) le problème du statut nomenclatorial d'une espèce type mal identifiée ("misidentified *Cyclops stroemii*"), que est du ressort de la Commission;

'b) le problème du statut taxinomique de n'importe quelle espèce, problème qui, effectivement, échappe à la compétence de la Commission.

Les requérants, en n'examinant pas la "suitability" taxinomique de *D. tisboides*, respectent le principe de la non-ingérence de la Commission dans les problèmes taxinomiques, mais, en tenant pour pertinente à la discussion l'idée que *D. vulgaris* "may be a composite species", ils contredisent ce principe. Pour masquer cette contradiction, ils introduisent l'argument — inconnu en nomenclature — de la "suitability" future des taxa et négligent la règle reconnue, et tout à fait indépendante, de "l'availability" actuelle des noms.

'En droit nomenclatorial, le nom de *D. vulgaris* est available comme celui d'une espèce type, même si, taxinomiquement, l'espèce qu'il désigne aujourd'hui doit nécessiter plus tard une révision (par exemple au prix de la désignation d'un lectotype). La stabilité du nom générique typifié exige le maintien de ce type.'

ORIGINAL REFERENCES

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

DACTYLOPODIINAE Lang, 1936, *Further zool. results of the Swedish Antarctic Exped.*, vol. 3(3), pp. 22, 29

Dactylopusia Norman, 1903, *Ann. Mag. nat. Hist* (7), vol. 11, p. 368

DACTYLOPUSIINAE Lang, 1936, *ibid.*, pp. 22, 29

Heterolaophonte Lang, 1948, *Monographie der Harpacticiden*, p. 1364

stroemii, *Cyclops*, Baird, 1837, *Mag. Zool. Bot.*, vol. 1, p. 330

tisboides, *Dactylopus*, Claus, 1863, *Die frei lebenden Copepoden*, p. 126.

CERTIFICATE

I hereby certify that the votes cast on Voting Paper (85)23 were cast as set out above, that the proposals contained in that voting paper have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1356.

R. V. MELVILLE

Secretary

International Commission on Zoological Nomenclature

London

1 August 1985