

## OPINION 760

MACROPUS SHAW, 1790 (MAMMALIA): ADDITION TO THE OFFICIAL LIST TOGETHER WITH THE VALIDATION UNDER THE PLENARY POWERS OF *MACROPUS GIGANTEUS* SHAW, 1790

**RULING.**—(1) Under the plenary powers:

(a) the specific name *canguru* Statius Müller, 1776, as published in the binomen *Mus canguru*, together with all usages of *canguru* (and its various spellings *kangaru*, *kanguro*, *kanguru*, *caenguru*, *cangaru*, *cangura*) in combination with *Mus*, *Yerboa*, *Jaculus*, *Zerbua*, *Didelphis*, *Didelphys* and *Macropus*, is hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy;

(b) the specific name *giganteus* Erxleben, 1777, as published in the binomen *Jaculus giganteus*, and all usages of *giganteus* in combination with *Yerboa*, *Jaculus*, *Didelphis* and *Didelphys* prior to that by Shaw in 1790, is hereby suppressed for the purposes of both the Law of Priority and the Law of Homonymy;

(c) it is hereby Ruled that *Macropus giganteus* Shaw, 1790, and *Macropus major* Shaw, are not to be considered objective synonyms and may have separate type-specimens and type-localities.

(2) The generic name *Macropus* Shaw, 1790 (gender: masculine), type-species, by monotypy, *Macropus giganteus* Shaw, 1790, as interpreted by the neotype designated by Calaby & Ride, 1964, is hereby placed on the Official List of Generic Names in Zoology with the Name Number 1696.

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

(a) *giganteus* Shaw, 1790, as published in the binomen *Macropus giganteus*, as interpreted by the neotype designated by Calaby & Ride, 1964 (type-species of *Macropus* Shaw, 1790) (Name No. 2109);

(b) *major* Shaw, 1800, as published in the binomen *Macropus major* (Name No. 2110).

(4) The following specific names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Numbers specified:

(a) *canguru* Statius Müller, 1776, as published in the binomen *Mus canguru* (as suppressed under the plenary powers in (1) (a) above) (Name No. 842);

(b) *canguru*, all uses of (and its various spellings *kangaru*, *kanguro*, *kanguru*, *caenguru*, *cangaru*, *cangura*) in combination with *Mus*, *Yerboa*, *Jaculus*, *Zerbua*, *Didelphis*, *Didelphys* and *Macropus* (as suppressed under the plenary powers in (1) above) (Name No. 843);

(c) *giganteus* Erxleben, 1777, as published in the binomen *Jaculus giganteus* (as suppressed under the plenary powers in (1) (b) above) (Name No. 844);



- (d) *giganteus*, all uses of in combination with *Yerboa*, *Jaculus*, *Didelphis* and *Didelphys* prior to that in *Macropus* by Shaw in 1790 (as suppressed under the plenary powers in (1) (b) above).

#### HISTORY OF THE CASE (Z.N.(S.) 1584)

The present case was submitted by Dr. J. H. Calaby, the late Mr. G. Mack and Dr. W. D. L. Ride in January 1962. A revised application was sent to the printer on 4 October 1962 and was published on 21 October 1963 in *Bull. zool. Nomencl.* **20** : 376–379. This application was supported by Dr. N. A. Wakefield and Dr. Carl L. Hubbs. The further history of the case is given in the following Secretary's Note which was circulated with the Voting Paper on this case.

“ A comment from Dr. J. T. Woods and Dr. T. H. Kirkpatrick containing new proposals was printed in *Bull. zool. Nomencl.* **21** : 249–250.

“ As a result of comments by Kirkpatrick and Woods, and objections raised by Prof. Ernst Mayr and Dr. H. Lemche (*Bull. zool. Nomencl.* **21** : 250), Calaby and Ride submitted new proposals involving the use of the plenary powers. The replacement proposal was printed in *Bull. zool. Nomencl.* **21** : 250–255 and was supported by Dr. T. C. S. Morrison-Scott and Dr. H. H. Findlayson (*Bull. zool. Nomencl.* **21** : 329) and Dr. J. T. Woods (in litt.).

“ A further proposal, with a new neotype designation for *Mus canguru* was received from Dr. E. LeG. Troughton and Dr. D. F. McMichael and was published in *Bull. zool. Nomencl.* **21** : 255–259. Further comment from Troughton and McMichael was published in *Bull. zool. Nomencl.* **21** : 329–331.

“ The following comment was received on 11 February 1965 from Dr. G. G. Simpson: ‘ On Z.N.(S.) 1584, the comment by Troughton and McMichael in B.Z.N.21: 329–331. This opposition to the proposal seems to me partly inadequate and partly irrelevant. Troughton and McMichael submit that the identity of *Mus canguru* Müller is quite certain, but that is not the case because several other competent zoologists do not consider it certain. Troughton and McMichael also speak for retention of the name *canguru* because of its historical interest, but historical interest has nothing to do with the purposes of the Code or the powers of this Commission. Nothing adduced by Troughton and McMichael has clear bearing on the essential point: stabilization of the universally used name *Macropus* and of specific nomenclature in that group. It seems clear that those purposes will be best served by approving the revised application by Ride and Calaby. That also has the merit, as Dr. Morrison-Scott has put it, of separating the nomenclatural problem from the purely taxonomic and historical problem of identification now raised anew by Troughton and McMichael.’

“ The present case has become extremely complicated, and the Secretary is of the opinion that rejection of the use of the plenary powers as proposed by Calaby and Ride will not necessarily imply the acceptance of the proposal of Troughton and McMichael. The latter proposal would seem to need the use of the plenary powers to set aside the neotype designation for *Mus canguru* made by Calaby, Mack and Ride in 1962. Such use of the plenary powers, however, has not been requested. The accompanying V.P. (65)23 has there-



fore been set out in a manner enabling Commissioners to vote for either of the proposals put forward or against both the proposals. Proposal A is that of Calaby and Ride, Proposal B is that of Troughton and McMichael. Proposal C deals with the validation under the plenary powers of *Macropus major* for a subspecies of the Grey Kangaroo—a matter which Ride and Calaby requested be kept separate from the main issue. Commissioners are requested to cast a vote either for or against each of the proposals contained in the accompanying Voting Paper.”

Public Notice of the possible use of the plenary powers in the present case was given in *Bull. zool. Nomencl.* **21** : 242 (the part of the *Bulletin* containing the revised proposals of Calaby and Ride) as well as to the other prescribed serial publications (Constitution Art. 12b; *Bull. zool. Nomencl.* **21** : 184) and to two specialist serials.

#### DECISION OF THE COMMISSION

On 3 June 1965 the Members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (65)23 either for or against the following proposals: Proposal A (the use of the plenary powers to validate the name *Macropus giganteus* for the Grey Kangaroo, as set out in *Bull. zool. Nomencl.* **21** : 254, para. 8); Proposal B (to apply the name *Mus canguru* to the Whiptail Wallaby, as set out in *Bull. zool. Nomencl.* **21** : 258); Proposal C (the use of the plenary powers to validate the use of the name *Macropus major* for a taxon differing from *Macropus giganteus*, as set out in *Bull. Zool. Nomencl.* **21** : 254–255, para. 10). At the close of the prescribed voting period on 6 September 1965 the state of the voting was as follows:

Affirmative votes for Proposal A—twenty-two (22), received in the following order: Mayr, Bonnet, China, Vokes, Binder, Simpson, Munroe, Sabrosky, Miller, Alvarado, do Amaral, Riley, Lemche, Tortonese, Uchida, Obruchev, Forest, Boschma, Ride, Kraus, Mertens, Jaczewski.

Negative votes—one (1): Holthuis.

Affirmative votes for Proposal B—none (0).

Negative votes—twenty-three (23): Holthuis, Mayr, Bonnet, China, Vokes, Binder, Simpson, Munroe, Sabrosky, Miller, Alvarado, do Amaral, Riley, Lemche, Tortonese, Uchida, Obruchev, Forest, Boschma, Ride, Kraus, Mertens, Jaczewski.

Affirmative votes for Proposal C—eighteen (18): Mayr, Bonnet, China, Vokes, Binder, Munroe, Sabrosky, Miller, Alvarado, do Amaral, Lemche, Tortonese, Uchida, Obruchev, Forest, Boschma, Ride, Jaczewski.

Negative votes—five (5): Holthuis, Simpson, Riley, Kraus, Mertens.

Voting Papers not returned—one (1) : Evans.

Commissioners Stoll, Hubbs and Brinck returned late affirmative votes in Parts A and C, and negative votes in Part B of the Voting Paper.

#### ORIGINAL REFERENCES

The following are the original references for names placed on the Official Lists and Index by the Ruling given in the present Opinion:

*canguru*, *Mus*, Statius Müller, 1776, *Des Ritters C. von Linné*. . . Supplements-band: 62



*giganteus*, *Jaculus*, Erxleben, 1777, *Syst. Règn. Anim.*: 409  
*giganteus*, *Macropus*, Shaw, 1790, *Nat. Miscell.*: pl. 33 and text  
*Macropus* Shaw, 1790, *Nat. Miscell.*: pl. 33 and text  
*major*, *Macropus*, Shaw, 1800, *Gen. Zool.* 1 : 505

The following is the original reference for a neotype designation for a nominal species concerned in the present Ruling:

For *Macropus giganteus* Shaw, 1790: Calaby & Ride, 1964, *Bull. zool. Nomencl.* 21 : 254

#### CERTIFICATE

We certify that the votes cast on Voting Paper (65)23 were cast as set out above, that the proposals contained in that Voting Paper as Proposal A and Proposal C have been duly adopted under the plenary powers, and that the decision so taken, being the decision of the International Commission, is truly recorded in the present Opinion No. 760.

G. OWEN EVANS

Secretary

W. E. CHINA

Assistant Secretary

International Commission on Zoological Nomenclature

London

5 October 1965.



International Commission on Zoological Nomenclature. 1965. "Macropus Shaw, 1790 (Mammalia): addition to the official list together with the validation under the plenary powers of *Macropus giganteus* Shaw, 1790." *The Bulletin of zoological nomenclature* 22, 292–295.

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