OPINION 1551

Hypsibius Ehrenberg, 1848 (Tardigrada): Macrobiotus dujardini Doyère, 1840 designated as the type species

Ruling

(1) Under the plenary powers it is hereby ruled that the correct spelling of the following names:
   (a) dujardin Doyère, 1840, as published in the binomen Macrobiotus dujardin, is deemed to be dujardini;
   (b) oberhaeuser Doyère, 1840, as published in the binomen Macrobiotus oberhaeuser, is deemed to be oberhaeuseri.

(2) Under the plenary powers all previous designations of type species for the nominal genus Hypsibius Ehrenberg, 1848 are hereby set aside and Macrobiotus dujardini Doyère, 1840 (original spelling emended in (1)(a) above) is designated as type species.

(3) The name Hypsibius Ehrenberg, 1848 (gender: masculine), type species by designation under the plenary powers in (2) above Macrobiotus dujardini Doyère, 1840, is hereby placed on the Official List of Generic Names in Zoology.

(4) The following names are hereby placed on the Official List of Specific Names in Zoology:
   (a) dujardini Doyère, 1840, as published in the binomen Macrobiotus dujardin (spelling emended in (1)(a) above), specific name of the type species of Hypsibius Ehrenberg, 1848;
   (b) oberhaeuseri Doyère, 1840, as published in the binomen Macrobiotus oberhaeuser (spelling emended in (1)(b) above).

(5) The following names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology:
   (a) dujardin Doyère, 1840, as published in the binomen Macrobiotus dujardin (spelling emended to dujardini in (1)(a) above);
   (b) oberhaeuser Doyère, 1840, as published in the binomen Macrobiotus oberhaeuser (spelling emended to oberhaeuseri in (1)(b) above).

History of Case 2589

An application for the designation of Macrobiotus dujardini Doyère, 1840 as the type species of the tardigrade genus Hypsibius Ehrenberg, 1848 was received from Drs M. G. Binda & G. Pilato (Università di Catania, Italy) on 11 December 1986. It was proposed that the original spelling of the specific names dujardin and oberhaeuser be emended in accordance with usage and with Recommendation 31A of the Code. After correspondence the case was published in BZN 44: 235–236 (December 1987). Notice of the case was sent to appropriate journals. No comments were received.

Decision of the Commission

On 1 March 1989 the members of the Commission were invited to vote on the proposals published in BZN 44: 236. Proposal (1) [the emendation of the specific names] and Proposal (2) [the designation of the type species of Hypsibius Ehrenberg,
were voted upon separately; members of the Commission were also asked to agree that the consequential entries on the Official Lists and Indexes should be made, and all those voting did so. At the close of the voting period on 1 June 1989 the votes were as follows:

Proposal (1):
Affirmative votes — 18: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Holthuis, Kabata, Kraus, Martins de Souza, Mroczkowski, Nielsen, Ride, Schuster, Thompson, Uéno, Willink
Negative votes — 2: Halvorsen and Savage.
Lehtinen abstained.

Proposal (2):
Affirmative votes — 17: Bayer, Bock, Cocks, Cogger, Corliss, Dupuis, Hahn, Halvorsen, Holthuis, Kabata, Kraus, Mroczkowski, Nielsen, Ride, Schuster, Uéno, Willink
Negative votes — 4: Lehtinen, Martins de Souza, Savage and Thompson.

No votes were received from Heppell. Starobogatov and Trjapitzin were on leave of absence.

Martins de Souza commented that Marcus (1928) had designated *H. oberhaeuseri* as the type species of *Hypsibius*, and that this should not be invalidated by equivocal figures published by Thulin (1928); Thompson also commented that it was not clear whether Thulin’s errors were other than trivial. Savage said that the application seemed intended to conserve the authors’ new genus *Ramazzottius* Binda & Pilato, 1986 (*Animalia, 13*(1–3): 159–166) of which *H. oberhaeuseri* was the type species.

**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:

*dujardin, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 288.*
*dujardini, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 288.*

*Hypsibius Ehrenberg, 1848, Bericht über die zur Bekanntmachung geeigneten Verhandlungen der Königlichen Preussischen Akademie der Wissenschaften zu Berlin, 1848: 381.*

*oberhaeuser, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 286.*
*oberhaeuseri, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 286.*

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