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 (Universita 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 emendment of the specific names] and Proposal (2) [the designation of the type species of *Hypsibius* Ehrenberg,
1848] 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. oberhauier* 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. oberhauier* 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.
oberhauier, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 286.
oberhauier, Macrobiotus, Doyère, 1840, Annales des Sciences Naturelles, (Zoologie) (2)14: 286.