OPINION 1984 (Case 3121)

Holochilus Brandt, 1835, Proechimys J.A. Allen, 1899 and Trinomys Thomas, 1921 (Mammalia, Rodentia): conserved by the designation of H. sciureus Wagner, 1842 as the type species of Holochilus

Keywords. Nomenclature; taxonomy; Mammalia; Rodentia; Muridae; Echimyidae; Holochilus; Proechimys; Trinomys; Holochilus sciureus; marsh rats; spiny rats; Central America; South America; neotropics.

Ruling

(1) Under the plenary power all previous fixations of type species for the nominal genus Holochilus Brandt, 1835 are hereby set aside and Holochilus sciureus Wagner, 1842 is designated as the type species.

(2) The following names are hereby placed on the Official List of Generic Names in Zoology:

(a) Holochilus Brandt, 1835 (gender: masculine), type species by designation under the plenary power in (1) above Holochilus sciureus Wagner, 1842;

(b) Proechimys J.A. Allen, 1899 (gender: masculine), type species by original designation Echimys trinitatis J.A. Allen & Chapman, 1893;

(c) Trinomys Thomas, 1921 (gender: masculine), type species by original designation Echimys albispinus I. Geoffroy Saint-Hilaire, 1838.

(3) The following names are hereby placed on the Official List of Specific Names in Zoology:

(a) sciureus Wagner, 1842, as published in the binomen Holochilus sciureus (specific name of the type species of Holochilus Brandt, 1835);

(b) trinitatis J.A. Allen & Chapman, 1893, as published in the binomen Echimys trinitatis (specific name of the type species of Proechimys J.A. Allen, 1899);

(c) albispinus I. Geoffroy Saint-Hilaire, 1838, as published in the binomen Echimys albispinus (specific name of the type species of Trinomys Thomas, 1921).

History of Case 3121

An application for the conservation of the names Holochilus Brandt, 1835, Proechimys J.A. Allen, 1899 and Trinomys Thomas, 1921 by the designation of H. sciureus Wagner, 1842 as the type species of Holochilus was received from Dr Robert S. Voss (American Museum of Natural History, New York, NY, U.S.A. and Dr Nataliya I. Abramson (Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia) on 26 February 1999. After correspondence the case was published in BZN 56: 255–261 (December 1999). Notice of the case was sent to appropriate journals.

Comments in support of the application from Dr Ulyses F.J. Pardiñas (Museo de La Plata, La Plata, Argentina), Dr Marisol Aguilera (Universidad Simón Bolívar, Caracas, Venezuela) and Prof James L. Patton (Museum of Vertebrate Zoology,
University of California, Berkeley, California, U.S.A.) were published in BZN 57: 118–119 (June 2000).

Decision of the Commission
On 1 March 2001 the members of the Commission were invited to vote on the proposals published in BZN 56: 258–259. At the close of the voting period on 1 June 2001 the votes were as follows:

Affirmative votes — 21: Alonso-Zarazaga, Bock, Bouchet, Brothers, Calder, Cogger, Eschmeyer, Kerzhner, Kraus, Lamas, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Ng, Nielsen, Papp, Patterson, Rosenberg, Štys

Negative votes — none.

No votes were received from Dupuis and Song.

Original references
The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:
Holochilus Brandt, 1835, Mémoires de l’Académie Impériale des Sciences de Saint-Pétersbourg, (6)3(2), Sciences Naturelles, 1: 428.
Proechimys J.A. Allen, 1899, Bulletin of the American Museum of Natural History, 12: 264. [Issued in the serial in 1900 but published as a separate in 1899].
sciureus, Holochilus, Wagner, 1842, Archiv für Naturgeschichte, 8: 17.
Trinomys Thomas, 1921, Annals and Magazine of Natural History, (9)8: 140.

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