

## APPLICATIONS AND OPINIONS PUBLISHED IN THE BULLETIN OF ZOOLOGICAL NOMENCLATURE

The following applications and opinions were published in *Bulletin of Zoological Nomenclature*, Vol. 53, Part 3, 30 September 1996. Comment or advice on these Applications is invited for publication in the *Bulletin* and should be sent to the Executive Secretary, I.C.Z.N., c/o The Natural History Museum, Cromwell Road, London SW7 5BD, U.K.

### APPLICATIONS: BZN 53(3), 30 September 1996

**Case 2978.** *Plumularia* Lamarck, 1816 (Cnidaria, Hydrozoa): proposed conservation by the designation of *Sertularia setacea* Linnaeus, 1758 as the type species (by Dale R. Calder and Paul F.S. Cornelius).

**Abstract.** - The purpose of this application is to conserve the current use of the name *Plumularia* Lamarck, 1816 for a familiar, near-cosmopolitan genus of thecate hydroids by setting aside two overlooked type species designations. Recognition of the first of these, due to Busk (1851), would result in the name *Plumularia* becoming a junior subjective synonym of *Aglaophenia* Lamouroux, 1812. The second, due to Apstein (1915), would result in the name *Plumularia* being applied to the genus of hydroids long known as *Kirchenpaueria* Jickeli, 1883. In both cases a new name would become necessary for *Plumularia* long understood. It is proposed that the designation by Broch (1918) of *Sertularia setacea* Linnaeus, 1758 be formally adopted.

**Case 2935** *Lirobarleeia* Ponder, 1983 (Mollusca, Gastropoda): proposed designation of *Alvania nigrescens* Bartsch & Rehder, 1939 as the type species (by Jules Hertz and Winston Ponder).

**Abstract.** The purpose of this application is to designate *Alvania nigrescens* Bartsch & Rehder, 1939 as the type species of the gastropod genus *Lirobarleeia* Ponder, 1983 (family Barleidae Gray, 1857). *A. nigrescens* is common in shallow water surrounding the Galapagos Islands and is the species on which the genus was based. Ponder's (1983) designated type species was erroneously identified as *Alvania galapagensis* Bartsch, 1911, a similar deep water species known only from the type material.

**Case 2992.** *Parapronoe crustulum* Claus, 1879 (Crustacea, Amphipoda): proposed conservation of the specific name (by Wolfgang Zeidler).

**Abstract.** The purpose of this application is to conserve the specific name of *Parapronoe crustulum* Claus, 1879 for a pelagic amphipod (family Pronoidae) which is widely distributed in tropical and temperate oceans. The name is in universal use but is threatened by a senior subjective synonym which has been incorrectly used for an entirely different species. The earlier name is *Typhis rapax* Milne-Edwards, 1830, which has been regarded as a synonym of *Hemityphis tenuimanus* Claus, 1879 (family Platyscelidae) since Stephensen (1925). A recent examination of the syntypes of *T. rapax* in the Muséum National d'Histoire Naturelle, Paris has demonstrated that they are conspecific with *P. crustulum*.

**Case 2960** *Hemidactylus garnotii* Duméril & Bibron, 1836 (Reptilia, Squamata): proposed conservation of the specific name (by Hobart M. Smith, Arnold G. Kluge, Aaron M. Bauer and David Chiszar).

**Abstract.** The purpose of this application is to conserve the widely used specific name of *Hemidactylus garnotii* Duméril & Bibron, 1836 for an all-female triploid species of gecko widespread from India to northern Australia and Polynesia, which has also been introduced into Florida and the Bahama Islands. The name is threatened by the long enigmatic but now assured senior subjective synonym *H. peruvianus* Wiegmann, 1835.

## OPINIONS: BZN 53(3), 30 September 1996

Opinion 1843. *Stictostroma* Parks, 1936 (Porifera, Stromatoporoidea): conserved, and *Stictostroma gorriense* Stearn, 1995 designated as the type species.

Opinion 1844. *Aplysia juliana* Quoy & Gaimard, 1832 (Mollusca, Gastropoda) specific name conserved.

Opinion 1845. *Tropidoptera* Ancey, 1889 (Mollusca, Gastropoda): *Endodonta wesleyi* Sykes, 1896 designated as the type species.

Opinion 1846. *Eophacops* Delo, 1935 and *Acernaspis* Campbell, 1967 (Tritobita): conserved.

Opinion 1847. *Diplocentrus mexicanus* Peters, 1861 (Arachnida, Scorpiones): rediscovered holotype confirmed as the name-bearing type.

Opinion 1848. *Cubaris murina* Brandt, 1833 (Crustacea, Isopoda): generic and specific names conserved.

Opinion 1849. *Livoneca* Leach, 1818 (Crustacea, Isopoda): the original spelling confirmed as correct, and the spelling *Lironeca* rejected.

Opinion 1850. *Nepa rustica* Fabricius, 1781 and *Zaitha stollii* Amyot & Serville, 1843 (currently *Diplonychus rusticus* and *Belostoma stollii*; Insecta, Heteroptera): specific names conserved.

Opinion 1851. Xantholinini Erichson, 1839 and Quediini Kraatz, (18570 (Insecta, Coleoptera): given precedence over some senior synonyms; *Quedius* Stephens, 1829: *Staphylinus levicollis* Brullé, 1832 designated as the type species.

Opinion 1852. *Melissodes desponsa* Smith, 1854 and *M. agilis* Cresson, 1878 (Insecta, Hymenoptera): specific names conserved.

Opinion 1853. *Xerammobates* Popov, 1951 (Insecta, Hymenoptera): *Ammobates oxianus* Popov, 1951 designated as the type species.

Opinion 1854. *Rhabdomeson* Young & Young, 1874 (Bryozoa): *Rhabdomeson progracile* Wyse Jackson & Bancroft, 1995 designated as the type species.

Opinion 1855. *Agonus* Bloch & Schneider, 1801 (Osteichthyes, Scorpaeiniformes): conserved; and *Agonidae* Kirby, 1837 (Insecta, Coleoptera): spelling emended to *Agonumidae*, so removing the homonymy with *Agonidae* Swainson, 1839 (Osteichthyes, Scorpaeiniformes).

Opinion 1856 *Lycognathophis* Boulenger, 1893 (Reptilia, Serpentes): conserved.