

APPLICATIONS AND OPINIONS PUBLISHED IN THE BULLETIN OF ZOOLOGICAL NOMENCLATURE

The following applications and opinions were published in *Bulletin of Zoological Nomenclature*, Vol. 54, Part 1, 26 March 1997. Comment or advice on any of 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 54(1), 26 March 1997

Case 2906. *Anomalina* d'Orbigny, 1826 (Foraminiferida): proposed designation of *A. ariminensis* d'Orbigny in Fornasini, 1902 as the type species (by Stefan A. Revets).

Abstract. - The purpose of this application is to stabilise the usage of the name *Anomalina* d'Orbigny, 1826 (family ANOMALINIDAE Cushman, 1927) for a genus of Cretaceous to Recent benthonic foraminifera of worldwide distribution by the designation of *A. ariminensis* d'Orbigny, in Fornasini, 1902 as the type species. At present the nominal species *A. punctulata* d'Orbigny, 1826 is the type but the original material of this taxon has been lost and the species has not been recognised since its first publication. Lack of definition has resulted in the genus becoming heterogeneous through time.

Case 2940. *Riisea* and *riisei* Duchassaing & Michelotti, 1860 (Cnidaria, Anthozoa): proposed conservation as the correct original spellings of generic and specific names based on the surname Riise (by Frederick M. Bayer and Manfred Grasshoff).

Abstract. The purpose of this application is to conserve the name *Riisea* for a genus of gorgonian corals, and the specific names of *Carijoa riisei* (originally in *Clavularia*) and *Thalamophyllia riisei* (originally in *Desmophyllum*). These names have been universally accepted for more than a century and are attributed to Duchassaing & Michelotti, 1860. However, the names were originally published as *Rusea* and *rusei*; they were based on the supposed personal surname Ruse or Rüse, but in 1864 Duchassaing & Michelotti corrected the names to correspond with the actual surname Riise.

Case 2999. *Umbellula* Cuvier, [1797] (Cnidaria, Anthozoa): proposed conservation as the correct original spelling, and corrections to the entries relating to *Umbellularia* Lamarck, 1801 on the Official Lists and Indexes of Names in Zoology (by Frederick M. Bayer and Manfred Grasshoff).

Abstract. Cuvier [1797] published the generic name *Ombellula* for a species of Arctic deep-sea pennatulacean (sea pen) which had been named *Isis encrinus* by Linnaeus (1758). In 1800 Cuvier spelled the name as *Umbellula*, and this generic name for *U. encrinus* and other species has been widely and universally used for more than 120 years. A recent work has used the spelling *Ombellula* for the first time since 1797, and the conservation of *Umbellula* is proposed. *Umbellularia* Lamarck, 1801, a junior objective synonym of *Umbellula*, was in usage during the earlier part of the 19th-century; the entries on the Official Lists and Indexes of Generic and Family-Group Names relating to this name are erroneous and corrections are proposed.

Case 2939. *Galba* Schrank, 1803 (Mollusca, Gastropoda): proposed designation of *Buccinum truncatulum* Müller, 1774 as the type species (by Ya.I. Starobogatov).

Abstract. The purpose of this application is to conserve the usage of the name *Galba* Schrank, 1803 (family LYMNÆIDAE) for a group of pulmonate fresh water snails by the designation of *Buccinum truncatulum* Müller, 1774 as the type species, in accord with universal usage. At present the nominal species *G. pusilla* Schrank, 1803 is the type by monotypy but the original material of this taxon has been lost and the species is not identifiable from its brief description. The name *Galba* is used either for a genus or for a subgenus of *Lymnaea* Lamarck, 1799. *Galba truncatula* is widespread and of economic importance. It is well known, particularly to parasitologists, as an intermediate host of *Fasciola hepatica* Linnaeus, 1758, the liver fluke of sheep and cattle.

Case 2963. *Roeslerstammia* Zeller, 1839 and *Acrolepiopsis* Gaedike, 1970 (Insecta, Lepidoptera): proposed conservation by the designation of *Alucita erxlebelli* Fabricius, 1787 as the type species of *Roeslerstammia*; and *A. erxlebelli* and *Tinea imella* Hübner, [1813] (currently *Roeslerstammia erxlebelli* and *Monopis imella*): proposed conservation of the specific names by the designation of a neotype for *A. erxlebelli* (by Peter Huemer).

Abstract. - The purpose of this application is to conserve the accustomed usage and understanding of the names for two genera of micromoths with wide distributions, *Roeslerstammia* Zeller, 1839 (Palearctic; family ROESLERSTAMMIIDAE) and *Acrolepiopsis* Gaedike, 1970 (worldwide; family ACROLEPIIDAE), by designating *Alucita erxlebelli* Fabricius, 1787 as the type species of *Roeslerstammia*. At present *R. assectella* Zeller, 1839 is the valid type of species of both *Roeslerstammia* and *Acrolepiopsis*. It is also proposed that the usage of the specific names of *R. erxlebelli* and *Monopis imella* (Hübner, [1813]) (family TINEIDAE) should be conserved by setting aside the only known syntype of *R. erxlebelli*, which is a specimen of *M. imella*, and replacing it with a neotype.

Case 2988. *Euchroeus* Latreille, 1809 and *Chrysis purpurata* Fabricius, 1787 (currently *E. purpuratus*) (Insecta, Hymenoptera): proposed conservation of usage; and *Chrysis gloriosa* Fabricius, 1793: proposed suppression of the specific name (by Maurizio Pavesi and Franco Strumia).

Abstract. The main purpose of this application is to conserve the name *Euchroeus* Latreille, 1809 for a genus of parasitic cuckoo wasps (family CHRYSIDIDAE), and the specific name of its type species *Chrysis purpurata* Fabricius, 1787. These long used names are threatened by a lectotype designation for *C. purpurata* by L.S. Kimsey (1988); the specimen designated is one for *C. iris* Christ, 1791, and the designation would not only displace the name *iris* but would make *Euchroeus* a junior synonym of *Chrysis* Linnaeus, 1761. The specimen does not accord with the description of *C. purpurata* and it was probably not a syntype; it is proposed that the designation be set aside. A second purpose is the suppression of the specific name of *Chrysis gloriosa* Fabricius, 1793, a name which has long been misidentified as a senior synonym of *Holopyga amoenula* Dahlbom, 1845 (the type species of *Holopyga*). Another erroneous lectotype designation by Kimsey would make it a junior synonym of *Pseudomalus auratus* (Linnaeus, 1761); since *gloriosa* is in fact probably a senior synonym of a widely used name in some other genus its suppression is proposed.

Case 2920. *Diemenia atra* Macleay, 1884 (currently *Demansia atra*; Reptilia, Serpentes): proposed conservation of the specific name (by Hobart M. Smith and Van Wallach).

Abstract. The purpose of this application is to conserve the specific name of *Demansia atra* (Macleay, 1884, [29 November]) for a venomous snake (family ELAPIDAE) from Northern Queensland, Australia. The name is threatened by the synonym *Hoplocephalus*

vestigatus De Vis, 1884 (13 September) which was published two months earlier but remained unused until 1990.

Case 2921. *Trigonocephalus pulcher* Peters, 1863 (currently *Bothrops pulcher*) and *Bothrops albocarinatus* Shreve, 1934 (currently *Bothriechis oligolepis albocarinatus*) (Reptilia, Serpentes); proposed conservation of the specific and subspecific names by the designation of a neotype for *T. pulcher* (by Beat Schätti and Hobart M. Smith).

Abstract. The purpose of this application is to conserve, by designation of a neotype for *Lachesis* (or *Bothrops* or *Porthidium*) *pulcher* (Peters, 1863), the accustomed usage of this name for a terrestrial species of pitviper (family VIPERIDAE) from Colombia and Ecuador, and of *Bothriechis oligolepis albocarinatus* (Shreve, 1934) for an arboreal pitviper from Ecuador and Peru. The specific name *pulcher* was originally based on a specimen of *albocarinatus* but has been universally misapplied since Boulenger (1896).

OPINIONS: BZN 54(1), 26 March 1997

Opinion 1860. *Acanthoteuthis* Wagner in Münster, 1839 and *Muensterella* Schevill, 1950 (Mollusca, Cephalopoda): placed on the Official List.

Opinion 1861. *Octopus vulgaris* Cuvier, [1797] and *Loligo vulgaris* Lamarck, 1798 (Mollusca, Cephalopoda): specific names conserved.

Opinion 1862. *Aspidiphorus* Ziegler in Dejean, 1821 (Insecta, Coleoptera): conserved as the correct original spelling, and SPHINDIDAE Jacquelin du Val, [1861]: given precedence over ASPIDIPHORIDAE Kiesenwetter, 1877 (1859)

Opinion 1863. *Sphaerocera* Latreille, 1804 and *Borophaga* Enderlein, 1924 (Insecta, Diptera): conserved; *Musca subsultans* Linnaeus, 1767: specific name placed on the Official List.

Opinion 1864. *Chaetodacus latifrons* Hendel, 1915 (currently *Bactrocera latifrons*; Insecta, Diptera): given precedence over *Dacus parvulus* Hendel, 1912.

Opinion 1865. *Eudistoma* Caullery, 1909 (Tunicata): given precedence over *Paessleria* Michaelsen, 1907.

Opinion 1866. *Hydromantes* Gistel, 1848 (Amphibia, Caudata): *Spelerpes platycephalus* Camp, 1916 designated as the type species.

Opinion 1867. *Phyllophis carinata* Günther, 1864 (currently *Elaphe carinata*; Reptilia, Serpentes): specific name conserved.