

ANNOUNCEMENT

The following Opinions and Cases have been published recently by the International Commission on Zoological Nomenclature in the *Bulletin of Zoological Nomenclature*, volume 54, 1997 and volume 55, 1998.

Opinion no.

- 1886 *Plumularia* Lamarck, 1816 (Cnidaria, Hydrozoa): conserved by the designation of *Sertularia setacea* Linnaeus, 1758 as the type species.
- 1887 *Arca pectunculoides* Scacchi, 1834 and *A. philippiana* Nyst, 1848 (currently *Bathyarca pectunculoides* and *B. philippiana*; Mollusca, Bivalvia): specific names conserved.
- 1888 *Lirobarleeia* Ponder, 1983 (Mollusca, Gastropoda): *Alvania nigrescens* Bartsch & Rehder, 1939 designated as the type species.
- 1889 *Parapronoe crustulum* Claus, 1879 (Crustacea, Amphipoda): specific name conserved.
- 1892 *Alcyonidium mytili* Dalyell, 1848 (Bryozoa): neotype replaced.

Case no.

- 3035 *Trachelocerca* Ehrenberg (Ciliophora): proposed conservation of authorship as Ehrenberg (1840), with fixation of *Vibrio sagitta* Müller, 1786 as the type species.

Abstract. The purpose of this application is the conservation of the generic name *Trachelocerca* Ehrenberg, 1840, in use for marine ciliates which have non-dividing macronuclei and belong to the group called Karyorelictea by Corliss (1994). *Trachelocerca* in this sense has *Vibrio sagitta* Müller, 1786 as the type species by monotypy. Recent workers have overlooked that six years earlier Ehrenberg [1834] had used the name *Trachelocerca* in a sense which would make it a junior synonym of *Lacrymaria* Bory de St Vincent, [1824], a name in use for freshwater ciliates belonging to a different group. It is proposed that the earlier [1834] usage of *Trachelocerca* should be suppressed.

- 3051 *Scarus chrysopterus* Bloch & Schneider, 1801 (currently *Sparisoma chrysopterus*; Osteichthyes, Perciformes): proposed conservation of the specific name and designation as the type species of *Sparisoma* Swainson, 1839.

Abstract. The main purpose of this application is to conserve the specific name of *Sparisoma chrysopterus* (Bloch & Schneider, 1801) for the Redtail Parrotfish of the Caribbean and tropical Western Atlantic. An earlier specific name, that of *Sparus abildgaardi* Bloch, 1791, has been treated as a junior synonym of *Sparisoma viride* (Bonnaterre, 1788), the Stoplight Parrotfish, but it is now known to refer to the initial phase (male or female) of *S. chrysopterus*. It is also proposed that *S. chrysopterus* be designated as the type species of *Sparisoma* Swainson, 1839 in place of the nominal species *Sparus abildgaardi*.

- 3055 *Osilinus* Philippi, 1847 and *Austrocochlea* Fischer, 1885 (Mollusca, Gastropoda): proposed conservation by the designation of *Trochus turbinatus* Born, 1778 as the type species of *Osilinus*.

Abstract. The purpose of this application is to conserve the accustomed understanding and usage of the name *Osilinus* Philippi, 1847 by the designation of *Trochus turbinatus* Born, 1778 as the type species, thereby conserving also the name *Austrocochlea* Fischer, 1885 (family TROCHIDAE). At present *Monodonta constricta* Lamarck, 1882 is the valid type species of both *Osilinus* and *Austrocochlea*. The name *Osilinus* is used either at generic rank or for a subgenus of *Monodonta* Lamarck, 1799 and relates to an eastern Atlantic group of species which range from the south-western British Isles to Angola, the Canary Islands, Madeira and the Mediterranean. The name *Austrocochlea* is widely used for species known from Southern Australia, Tasmania, New Caledonia, and New Zealand if *Fractarmilla* Finlay, 1926 is accepted as a synonym. Both genera include species that are important components of the intertidal fauna of temperate rocky shores.

- 3087 *Hydrobia* Hartmann, 1821 and *Cyclostoma acutum* Draparnaud, 1805 (currently *Hydrobia acuta*; Mollusca, Gastropoda): proposed conservation by replacement of the lectotype of *H. acuta* with a neotype; *Ventrosia* Radoman, 1977: proposed designation of *Turbo ventrosus* Montagu, 1803 as the type species; and HYDROBIINA Mulsant, 1844 (Insecta, Coleoptera): proposed emendation of spelling to HYDROBIUSINA, so removing the homonymy with HYDROBIIDAE Troschel, 1857 (Mollusca).

Abstract. The purpose of this application is to stabilize the usage of the name *Hydrobia* Hartmann, 1821 for a genus of prosobranch brackish-water gastropods. At present the type species, *Cyclostoma acutum* Draparnaud, 1805, is typified by a lectotype which represents another species, *Turbo ventrosus* Montagu, 1803. It is proposed that the lectotype be replaced by a neotype which accords with the established understanding of *H. acuta*. *Ventrosia* Radoman, 1977 was based on *Helix stagnorum* Gmelin, 1791 but recognition of this nominal species as the type would render the generic name a junior subjective synonym. It is likely that Radoman misidentified Gmelin's taxon and it is proposed that *Turbo ventrosus* be designated the type species to maintain existing usage of *Ventrosia*. The family-group name HYDROBIIDAE Troschel, 1857 (Mollusca) is a junior homonym of HYDROBIINA Mulsant, 1844 (Insecta). The names relate, respectively, to a gastropod family of some 100 genera and more than 1000 Recent species occurring almost world wide and to a subtribe of five coleopteran genera (family HYDROPHILIDAE). It is proposed that the homonymy should be removed by emending the stem of the generic name *Hydrobius* Leach, 1815, on which the insect family-group name is based, to give HYDROBIUSINA, while leaving the mollusc name (based on *Hydrobia*) unchanged.

Copies of these Opinions can be obtained free of charge from the Executive Secretary, ICZN, c/o The Natural History Museum, Cromwell Road, London, SW7 5BD.

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