

SIX MISIDENTIFIED TYPE-SPECIES IN THE SUPERFAMILY MURICACEA (GASTROPODA)

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In revising the superfamily Muricacea for the "Treatise on Invertebrate Paleontology", I have encountered six cases in which the type-species of generic taxa have been misidentified by authors. Under Article 70(a) of the Code, I must therefore bring these to the attention of the International Commission on Zoological Nomenclature for review and decision.

1. *Mancinella* Link, 1807

As proposed by Link, the genus *Mancinella* comprised several nominal species, among which was "*Murex mancinella* L. G. 3538. M.-C. 3. t. 101, F. 967-968," automatically the type-species by absolute tautonymy. The *Murex mancinella* Linnaeus, 1758, may not be the form figured in the reference cited by Link (Martini and Chemnitz, *Conchylien-Cabinet* 3 : pl. 101, figs. 967-968, 1777). Realizing this, Iredale (1915, p. 472), cited the type-species as *M. mancinella* of authors, not of Linnaeus. Dodge (1957, pp. 134-136), in a review of the Linnean species, has shown that the *M. mancinella* of Linnaeus must either be regarded as a *species dubium* or, more plausibly, as the later nominal species *Drupa cornus* Röding, 1798. These two forms are distinct generically and may even represent different subfamilies. To adopt the latter interpretation of the species would cause much confusion, for the transfer of the name *Mancinella* to the new setting would cause it to fall as a subjective synonym of *Drupa* Röding, 1798 and would leave nameless the group in Thaididae now known as *Mancinella*, one that is widespread in the Pacific.

The International Commission on Zoological Nomenclature is therefore asked to declare *Murex mancinella* Linnaeus, 1758 a *species dubium* and to designate as type of the genus *Mancinella* the species known as *Murex mancinella* by authors, the first available specific name of which is *Purpura gemmulata* Lamarck, 1816. This usage has already been adopted by some Japanese authors (for example, Arakawa, 1962, on p. 74 of a paper entitled "A study on the radulae of the Japanese Muricidae—the genera *Purpura*, *Thais*, and *Mancinella*," *Japanese Jour. Malac.* 22 (1) : 70-78, 2 pls.).

II. *Chicoreus* Montfort, 1810

The name *Chicoreus* was proposed by Denys de Montfort (*Conchyliologie Systématique* 2 : 611) as follows:

"*Chicoreus* m.

Espèce servant de type au genre,

C. ramosus. *Murex ramosus* Linn. et Gmel. sp. 13."

The type has been taken by most authors as *M. ramosus* Linnaeus, 1758, a large and extremely frondose form from the Indo-Pacific region. However, a



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