

Notes on recent and fossil Neritidae
3. *Neritina juttingae*, new name for *Nerita aculeata* Gmelin,
1791, non Müller, 1774 (Mollusca, Gastropoda)¹

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A study of the literature dealing with the Neritidae of the Indo-Australian Archipelago revealed that the well known spiny Nerite, *Neritina aculeata* (Gmelin, 1791), is in need of a new name.

Gmelin (1791: 3686) described this species originally as *Nerita aculeata*, while referring to a description and figure in the now rejected work of Chemnitz (1788: 305, pl. 169 fig. 1642). This name, however, is not available because it is a junior homonym of *Nerita aculeata* Müller, 1774, which again is a junior homonym of the West African potamidid *Tympanotonos fuscatus* (Linnaeus, 1758). Gmelin's taxon was probably so well known that it has never been redescribed under another name. However, in several collections we found specimens identified as either "*Neritina squamispina* Mousson" or "*Neritina sulcata* Nyst". Both are apparently manuscript names and thus not available.

Originally described as a *Nerita*, it was considered to belong to the genus *Neritina* by Sowerby (1849: 513) and subsequent authors, but recently Van Benthem Jutting (1959: 52) transferred it to the genus *Clithon*, probably because of the numerous spines on the shell. However, the arrangement of the spines into 6-9 spiral rows is completely different from that of the single spines protruding from the shoulder in most of the species belonging to the genus *Clithon* s.s. Moreover, the

¹) No. 2 vide J. Conchyl., Paris 109(2): 67-71, 1971.

form of the operculum and dentition of the columella are typical for the genus *Neritina* s.s. We concur therefore with Sowerby that this species belongs to *Neritina* rather than *Clithon*. The spiny sculpture, however, does not occur in other members of the genus *Neritina*, and therefore the subgeneric position of this species will remain doubtful until its anatomy becomes known.

In honour of Mrs. Dr. W.S.S. van der Feen-van Benthem Jutting, who has contributed so much to our knowledge of the mollusc fauna of the Indo-Australian Archipelago, we propose here the name:

***Neritina juttingae* nom. nov.**

Nerita aculeata Chemnitz, 1788, Conch. Cab. 10: 305, pl. 169 fig. 1642 (rejected work); Gmelin, 1791, Syst. Nat., Ed. 13: 3686 (not *Nerita aculeata* Müller, 1774, Hist. Verm. 2: 193).

Neritina aculeata, Sowerby, 1849, Thes. Conch. 10: 513, pl. 110 figs. 32-34; Reeve, 1855, Conch. Icon. *Neritina*: figs. 84 a-c; Von Martens, 1879, N. syst. Conch. Cab. 10(2): 70, pl. 8 figs. 13-15; Tryon, 1888, Man. Conch. (1) 10: 70, pl. 26 figs. 80-81; Von Martens in Weber, 1897, Zool. Ergeb. Reise Niederl. Ost-Indien 4: 306; Degner, 1928, Treubia 10: 384; Butot, 1955, Treubia 23: 78.

Clithon aculeatus, Van Benthem Jutting, 1959, Beaufortia 7(83): 52 (Müller, 1774, is wrongly quoted as the author).

According to Gmelin (1791: 3686) the type locality of *Neritina juttingae* is "in Indiae fluviis", which we now further restrict to River Musi near Palembang, Sumatra, Indonesia. In its distribution *N. juttingae* is restricted to Borneo, Singapore, Sumatra and Pulau Panaitan.