

***Bruggennea*, n. gen.,
proposed for recent streptaxids from Borneo
(Gastropoda: Streptaxidae).**

By

S. P. DANCE,

Department of Zoology, National Museum of Wales, Cardiff.

In my recent paper on the Streptaxidae of Borneo I described several species as new (DANCE 1970). Two of these, *Sinoennea laidlawi* and *S. bongi*, are so distinctive that I said they form "a group apart from the described species of the genus" I considered that the institution of a new subgenus of *Sinoennea* for their reception would have been premature, but after corresponding with Dr. A. C. VAN BRUGGEN, who has made the Streptaxidae his special study, I am now convinced that a new genus is necessary to accommodate them.

Streptaxacea.

Streptaxidae.

***Bruggennea* n. gen.**

Shell globose, thin, translucent, glossy; smooth, with 4 distantly separated varices; apertural armature comprising a strong parieto-angular lamella, a deep-set palatal tooth, and a deep-set columellar tooth; umbilicus wide and open up to the underside of the apical whorl.

Type species: *Sinoennea laidlawi* DANCE, 1970.

Distribution: Borneo.

Etymology: Named after Dr. A. C. VAN BRUGGEN, of Leiden.

Remarks: The smooth surface, prominent varices and bulbous outline of the shell of *Bruggennea* contrast strikingly with the strongly costulate surface and ovate outline of the shell of *Sinoennea* KOBELT, 1904, as exemplified by its type species *Pupa strophiodes* GREDLER (ZILCH 1960: 573). The shell of the subgenus *Indoennea* KOBELT, 1904, exemplified by its type species *Ennea blanfordiana* GODWIN-AUSTEN, differs from that of *Sinoennea* mainly by its more cylindrical shape (ZILCH 1960: 573); the lower whorls of *I. blanfordiana* are almost smooth but the upper ones are costulate. *Bruggennea*, on this evidence, is much more distinct from *Sinoennea* s. s. and *Indoennea* than these two subgenera are from each other.

Sinoennea s. s. is known from Japan, China, Tonkin and Malaya. *Indoennea* is known from northern and southern India, Malaya and Sumatra. Consequently

both subgenera might be expected to occur in the island of Borneo. On the other hand that island is characterised by a high proportion of endemic elements (BEAUFORT 1951) and it is the home of another endemic genus of streptaxids, *Platycochlium* LAIDLAW, 1950. The institution of this new genus reinforces the distinctive character of the Bornean streptaxid fauna. It now comprises the endemic genera *Bruggennea*, with two species, and *Platycochlium*, with three; and there are two endemic species of *Diaphera*, a genus abundantly represented in the Philippines but rare elsewhere in the Indonesian Archipelago and on the mainland of South-east Asia, *Huttonella bicolor* (HUTTON), which is also recorded from Borneo, is a cosmopolitan species in the tropics and can be dismissed as an almost certain introduction. It is interesting to note that the immature shells of *Bruggennea* and *Diaphera* are strikingly similar to each other and to mature shells of *Platycochlium*. This suggests a closer relationship between these three genera than one would suppose from a comparison of mature shells of each.

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