

Record of three marine snails from the Singapore Strait

Subjects: Pointed-rib whelk, *Nassarius acuticostus* (Mollusca: Gastropoda: Buccinoidea: Nassariidae);
Ceylon drill, *Tenguella ceylonica* (Mollusca: Gastropoda: Muricoidea: Muricidae);
Granulated drill, *Tenguella granulata* (Mollusca: Gastropoda: Muricoidea: Muricidae).

Subjects identified by: Chan Sow-Yan.

Location, date and time: Singapore Strait, Pulau Salu and Pulau Sudong; 1984 to 1986; late afternoons.

Habitat: Marine. Intertidal shores. On sand flats and under coral rubble and rocks.

Observer: Ng Hiong Eng.

Observations: The following were sorted from sample collections obtained at Pulau Sudong and Pulau Salu -
1. One example of *Nassarius acuticostus* of 18.0 mm shell height (Fig. 1) from Pulau Salu in April 1984. The shell was collected at low tide on a patch of sand, with the animal and operculum dried inside.
2. One example of *Tenguella granulata* of 13.2 mm shell height (Fig. 2) from Pulau Salu in 1985. The shell was found under a rock at low tide, with the animal and operculum dried inside.
3. One example of *Tenguella ceylonica* of 21.2 mm shell height (Fig. 3) from Pulau Sudong in September 1985. The shell was found under a rock at low tide.



Dorsal (left) and apertural (right) views of three gastropod shells: Fig. 1. *Nassarius acuticostus*. Fig. 2. *Tenguella granulata*. Fig. 3. *Tenguella ceylonica*. Photographs by Chan Sow-Yan.

Remarks: The three small species of gastropods featured here are of interest because they are not commonly observed on Singapore shores (see for example Chuang, 1961; Chuang, 1973; personal observations). As they were not listed by Tan & Woo (2010), it seems that the present records are new for Singapore. The identification of the nassarid is based on Cernohorsky (1984).

References:

- Cernohorsky, W. O., 1984. Systematics of the family Nassariidae (Mollusca: Gastropoda). *Bulletin of the Auckland Institute and Museum*. 14: 1-356.
Chuang, S. -H., 1961. *On Malayan Shores*. Muwu Shosa, Singapore. 226 pp.
Chuang, S. -H., 1973. Sea shells. In: Chuang, S. H. (ed.). *Animal Life and Nature in Singapore*. Singapore University Press, Singapore. pp. 175-201.
Tan S. K. & H. P. M. Woo, 2010. *A Preliminary Checklist of the Molluscs of Singapore*. Raffles Museum of Biodiversity Research, National University of Singapore. 78 pp.

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