

A live encircled mitre snail, *Domiporta circula*, at Changi Beach

Calvin Leow Jiah Jay

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Subject: Encircled mitre, *Domiporta circula* (Mollusca: Gastropoda: Mitridae).

Subject identified by: Calvin Leow Jiah Jay.

Location, date and time: Johor Strait, Changi beach; 1 August 2019, 0552 hrs.

Habitat: Estuarine shore, sandy bottom at intertidal zone during morning low tide.

Observer: Calvin Leow Jiah Jay.

Observation: One live example of about 4 cm shell length was found partially burrowed in the sand (see accompanying photograph) in a large depression among seagrass. Around it were a few specimens of its con-familial, the waved mitre (*Pterygia undulosa*).

Remarks: Formerly known as *Mitra circula* (see Chuang, 1973: 199), or *Neocancilla circula* (see Tan & Woo, 2010: 48), the encircled mitre seems to be uncommon in Singapore (personal observations). Its sympatric con-familial *Pterygia undulosa* is also uncommonly seen except during periods of spawning aggregations such as one recorded at Changi in September 2015 (Tan & Tan, 2015).

References:

- Chuang S. H., 1973. Sea shells. In: Chuang S. H. (ed.). *Animal Life and Nature in Singapore*. Singapore University Press. pp. 175-201.
- Tan, R. & S. K. Tan, 2015. Spawning aggregations of waved mitre snails, *Pterygia undulosa*, at Changi. *Singapore Biodiversity Records*. 2015: 142-144.
- 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.



Dorsal view of partially buried shell of a live *Domiporta circula* in-situ. Photograph by Calvin Leow Jiah Jay