

New record of the hairy triton shell, *Monoplex pilearis*, in Singapore

Calvin Leow Jiah Jay & Joash Tan

calvinmrducky@gmail.com (Leow), jtye_97@yahoo.com.sg (Tan)

Subject: Hairy triton shell, *Monoplex pilearis* (Mollusca: Gastropoda: Cymatiidae).

Subject identified by: Joash Tan.

Location, date and time: Johor Strait, Changi Beach; 31 July 2019; 0350 hrs.

Habitat: Estuarine beach, on the side of a pen shell among seagrass.

Observers: Calvin J. J. Leow & Joash Tan.

Observation: An example of 72.0 mm shell length was found attached on the side of a pen shell (family Pinnidae) exposed during morning low tide of 0.2 m (Fig. 1). There are keelworm encrustations found on the shell. Its spotted body can be seen in fig. 2.

Remarks: This appears to be the first record of *Monoplex pilearis* from Singapore, and the second species of *Monoplex* to be known from the country after *Monoplex tranquebaricus* (see Tan & Woo, 2010: 39 as *Cymatium tranquebaricum*). Now included among the family Cymatiidae, the genus *Monoplex* was formerly classified in the family Ranellidae (see Strong et al., 2019: 22).

References:

- Strong, E. E., N. Puillandre, A. G. Beu, M. Castelin & P. Bouchet, 2019. Frogs and tuns and tritons – a molecular phylogeny and revised family classification of the predatory gastropod subfamily Tonnoidea (Caenogastropoda). *Molecular Phylogenetics and Evolution*. 130: 18-34.
- 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.



Fig. 1. Dorsal view



Fig. 2. Apertural view.

Photographs by Joash Tan