

Biodiversity Record: New Singapore record of the pyram snail, *Cingulina laticingula*

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Subject: Wide belt pyram snail; *Cingulina laticingula* (Mollusca: Gastropoda: Pyramidellidae).

Subject identified by: Chan Sow-Yan and Lau Wing Lup.

Location, date and time: Singapore Island / Johor Strait, Punggol Beach Park; 23 May 2026; around 0932 hrs.

Habitat: Estuarine shore. Intertidal zone under rocks at low tide.

Observer: Lau Wing Lup.

Observation: An example of about 2.3 mm in shell height was found on yellow slime ascidians (Figs. 1 & 3). The shell was relatively thin, white and semi-transparent. After cleaning, the shell revealed that the smooth protoconch has two whorls and is heterostrophic at about 110–120° relative to the shell axis. It is about one-third buried within the teleoconch. Four keels are present on the last whorl. The keel above the periphery on the last whorl is noticeably wider and about twice the width of the one below. Small axial ribs are present between spiral cords.



Fig. 1. In-situ apertural view of live *Cingulina laticingula*. Fig. 2. A live belt pyram snail, *Cingulina cingulata*, about 5 mm in height, was found under rock on the same day at Punggol beach Park. (Photographs by: Lau Wing Lup).

Remarks: *Cingulina laticingula* is herein documented as a new Singapore record (see Tan & Woo, 2010). The featured specimen corresponds well to the original description of Dall & Bartsch (1906, as *Turbonilla (Cingulina) cingulata laticingula*). Intraspecific variation in shell morphology is known in this species with some specimens being slightly slender or somewhat slanted (Miura, 2023). The species was described from Japan (Dall & Bartsch, 1906) and also recorded in Vietnam (Saurin, 1958). Japanese specimens were found on rocky reef sediments and among interstitial sands (Miura, 2023). The soft body is noted to be semi-transparent with a slight reddish tint. The tentacles are shaped like truncated pyramids, thicker anteriorly and spreading fin-like at the back (Miura, 2023).

A live congeneric *Cingulina cingulata* (Fig. 2), recently recorded from Singapore (Chan & Lau, 2025), was found under another rock on the same day as the featured specimen of *Cingulina laticingula*. *Cingulina laticingula* differs from *Cingulina cingulata* by having fewer whorls, shorter height, and more prominent axial riblets between the spiral cords.



Fig. 3. Dorsal (left) and apertural (right) views of the *Cingulina laticingula* shell. (Photographs by Lau Wing Lup).

Literature cited:

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