

Biodiversity Record: New record of the wentletrap snail, *Epitonium robillardii*, in Singapore

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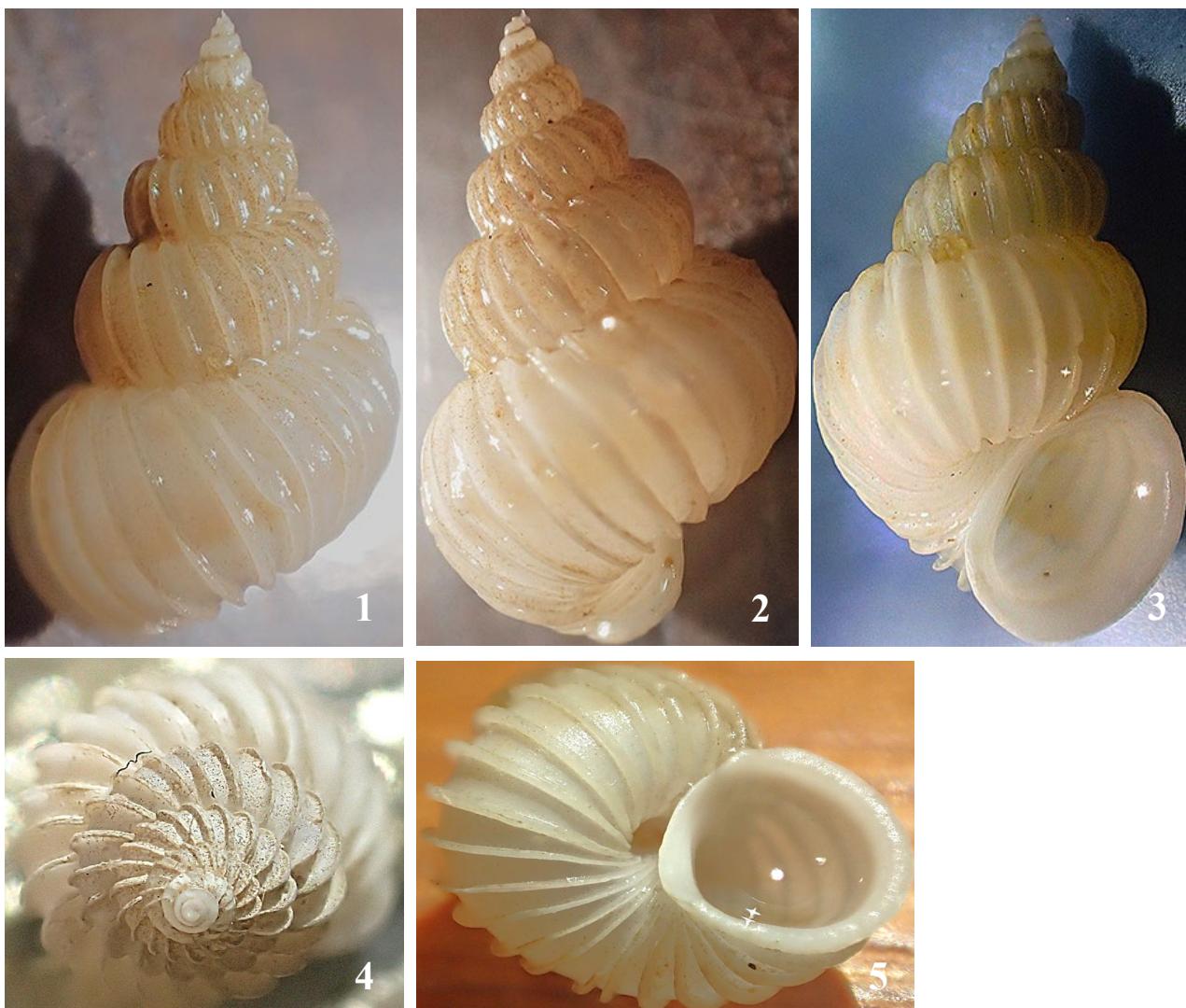
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Subject: Robillard's wentletrap, *Epitonium robillardii* (Mollusca: Gastropoda: Epitoniidae).

Subject identified by: Lau Wing Lup.

Location, date and time: Singapore Island / Johor Strait, Punggol Beach Park; 9 November 2025; around 1819 hrs.

Habitat: Estuarine intertidal shore.



Epitonium robillardii from Punggol Beach — Fig. 1. Dorso-lateral. Fig. 2. Dorsal view.

Fig. 3. Aperture view. Fig. 4. Apical view. Fig. 5. Umbilical view. (Photographs by: Lau Wing Lup).

Observer: Lau Wing Lup.

Observation: A freshly dead empty shell of about 7.5 mm in height was found on rock, exposed during low tide (Figs. 1–5).

Remarks: *Epitonium robillardii* is widely distributed in the Indo-Pacific from the Red Sea and South Africa to Australia, the Philippines and Japan (Nakayama, 2003; Callea et al., 2005; Beechey, 2008; Huang & Lee, 2016). Although herein documented as a new record for Singapore (see Tan & Woo, 2010; Tan & Low, 2022; Chan & Lau, 2025), its presence there is unsurprising.

The featured specimen from Punggol (Figs. 1–5) matches the original drawing of the species by Sowerby (1894). The exterior of the shell is white with faint yellowish spiral bands on the penultimate and last whorl. Around 22 costae are present on the body whorl. The intercostal spaces are generally smooth and glossy but with traces of a few very fine spiral striae. The umbilicus is narrowly open, partially obscured by the slightly reflected columella. The peristome is complete and thickened. The shell of *Epitonium robillardii* attains a maximum known height of 22.5 mm (Nakayama, 2003).

In Singapore, *Epitonium robillardii* closely resembles *Epitonium clementinum*. Their differences are expounded in the table below based on Sowerby (1894) and Grateloup (1840).

Species	<i>Epitonium robillardii</i>	<i>Epitonium clementinum</i>
Protoconch	Conical.	Sharp.
Whorls	Slowly increasing.	Rapidly increasing.
Shell profile	High spire, narrow	Stocky, wide.
Colour of spiral bands.	Yellow to orange brown.	Sub-violet to blackish brown.

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