

Biodiversity Record: Three *Lamellaria* snails at Labrador shore

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Subjects: *Lamellaria* sp. (Mollusca: Gastropoda: Velutinidae).

Subjects identified by: Roxanne Lau Shu Xin.

Location, date and time: Singapore Island, Labrador shore; 1 November 2023; around 2042 hrs.

Habitat: Marine. Intertidal rocky shore with patches of seagrass. At low tide.

Observers: Roxanne Lau Shu Xin and Teo Xue Shen.

Observation: Three live individuals of about 4 mm (Fig. 1), 6 mm (Fig. 2), and 10 mm (Figs. 3 & 4) were found in close proximity on a patch of beige colonial ascidian (probably *Didemnum psammotodes*) growing on a rock. All three individuals had similar external appearances and could be conspecific. The translucent mantle was mostly covered in stellate beige spots, leaving larger circular spots with a central cluster small black dots against the translucent mantle. The head and foot had similar stellate beige spots (Fig. 4).

Remarks: This seems to be the first record of *Lamellaria* occurring at Labrador shore, which is said to be the last natural rocky shore on Singapore Island. In Singapore, this genus of cryptic snails was previously reported from islands in the Singapore Strait: Cyrene Reef, Sentosa, Pulau Satumu and Seringat Kias (Tan et al., 2015), as well as at Changi Beach (Lau & Teo, 2022). They were found in inter-tidal reef flats, rocky-sandy shore and seagrass beds, down to a depth of 6–9 m (Tan et al., 2015; Lau & Teo, 2022). The present examples were found in association with colonial ascidians, among which they are well-camouflaged. Accurate taxonomic identifications would require detailed examination of specimens.

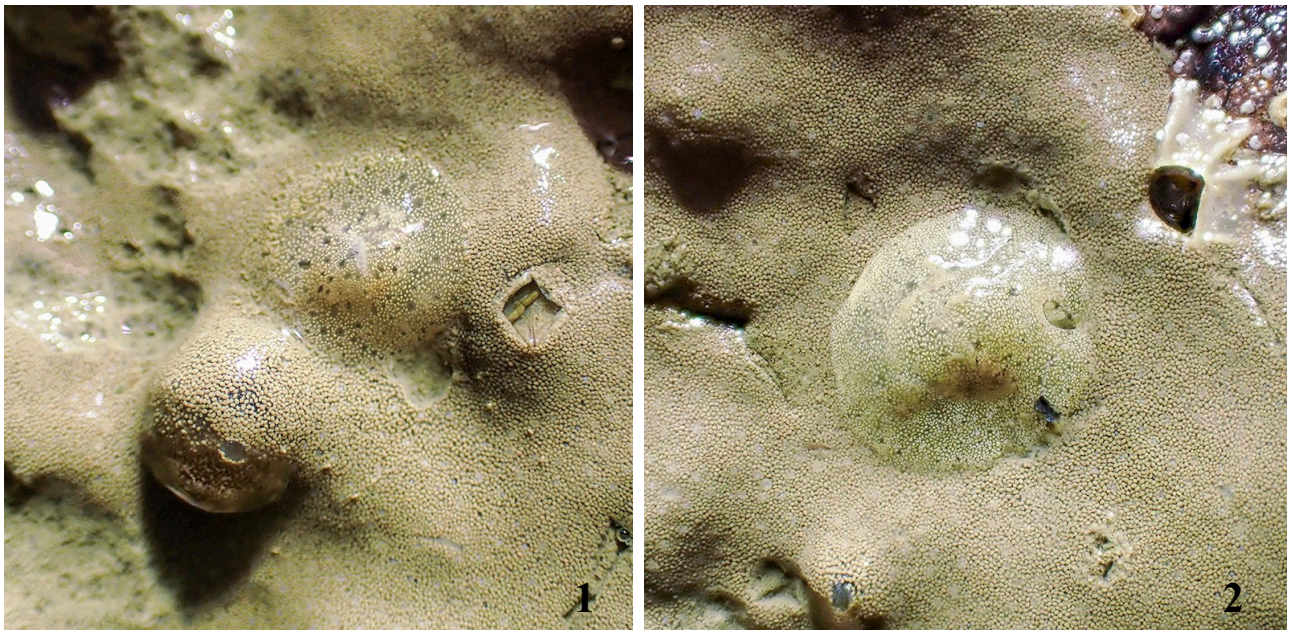


Fig. 1. *Lamellaria* sp., individual of about 4 mm. Fig. 2. *Lamellaria* sp., individual of about 6 mm (Photographs by: Roxanne Lau Shu Xin).

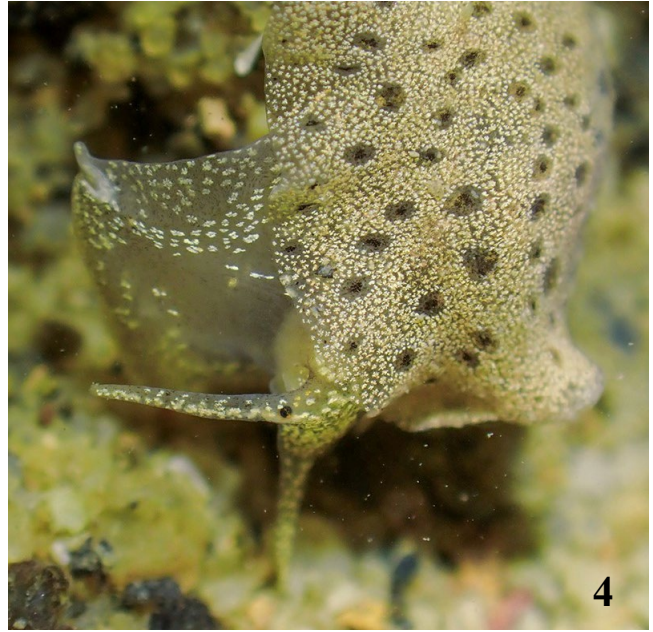
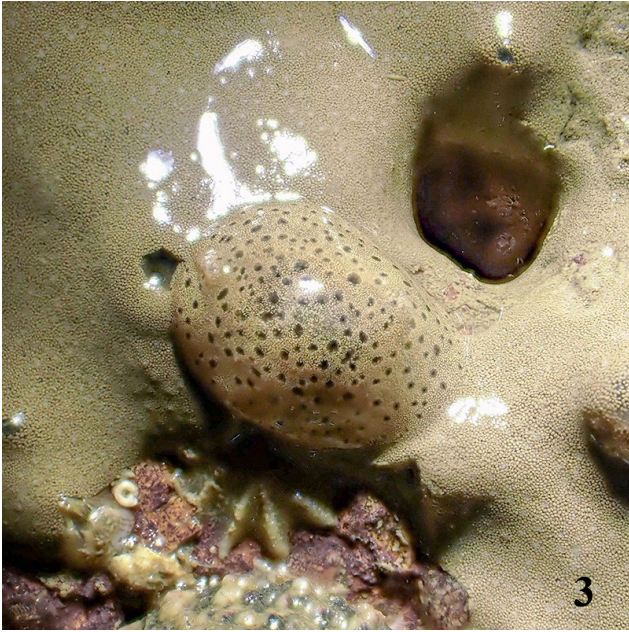


Fig. 3. *Lamellaria* sp., individual of about 10 mm. Fig. 4. Mantle, head, and foot of *Lamellaria* sp. exposed underwater (Photographs by: Roxanne Lau Shu Xin).

Literature cited:

- Lau RSX & Teo XS (2022) Biodiversity Record: A *Lamellaria* snail at Changi Beach. *Nature in Singapore*, 15: e2022147.
- Tan SK, Ong R & Toh CH (2015) Records of *Lamellaria* snails in Singapore. *Singapore Biodiversity Records*, 2015: 193–195.