

Biodiversity Record: New Singapore record of the nudibranch, *Limenandra fusiformis*

Jianlin Liu

Email: liujianlin@u.nus.edu

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Subject: Nudibranch, *Limenandra fusiformis* (Mollusca: Gastropoda: Aeolidiidae).

Subject identified by: Jianlin Liu.

Location, date and time: Johor Strait, Changi Beach; 15 June 2022; around 0515 hrs.

Habitat: Estuarine shore. Intertidal zone with seagrass and sandy substrate, during low tide.

Observer: Jianlin Liu.

Observations: One example of about 2 cm was observed in the water among seagrass (Figs. 1–3).



Fig. 1. Dorsal aspect of *Limenandra fusiformis*, in-situ. (Photograph by: Jianlin Liu)



Fig. 2. Dorsal view of the head. Fig. 3. Dorsal view of the rhinophores. (Photographs by: Jianlin Liu)

Remarks: The featured specimen appears to be the first record of *Limenandra fusiformis* in Singapore (see Tan & Woo, 2010). The series of yellow concentric circles on the dorsum (Figs. 1 & 2) appear to be distinctive on this nudibranch, and this individual resembles the illustration of the species in Gosliner et al. (2018: 336). The species is widely distributed in the Indian and western Pacific Oceans, and its occurrence in Singapore is to be expected. Being small (growing to only 20 mm) and cryptic, it easily escapes notice. In addition, the author sees a strong resemblance of this nudibranch to the swimming anemone, *Bolocerooides mcmurrichi*, and thus it can be easily mistaken for a cnidarian.

Literature cited:

- Gosliner TM, Valdés Á & Behrens DW (2018) Nudibranch & Sea Slug Identification Indo-Pacific. 2nd edition. New World Publications Inc., Jacksonville, Florida, USA, 451 pp.
- Tan SK & Woo HPM (2010) A Preliminary Checklist of the Molluscs of Singapore. Raffles Museum of Biodiversity Research, National University of Singapore, 78 pp. Uploaded 2 June 2010. https://lkcnhm.nus.edu.sg/wp-content/uploads/sites/10/app/uploads/2017/04/preliminary_checklist_molluscs_singapore.pdf (Accessed 26 September 2022)