

Biodiversity Record: A nudibranch, *Goniobranchus trimarginatus*, at Changi

Jianlin Liu

Email: liujianlin@u.nus.edu

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Subject: *Goniobranchus trimarginatus* (Mollusca: Gastropoda: Chromodorididae).

Subject identified by: Toh Chay Hoon.

Location, date and time: Johor Strait, Changi Beach; 14 June 2025; around 0717 hrs.

Habitat: Estuarine shore. Sand substrate with seagrass at intertidal zone. During morning low tide.

Observers: Jianlin Liu and Wen Lin Teh.

Observation: An individual of about 2.5 cm was observed in water of about 15 cm depth crawling among seagrass (Fig. 1).



Fig. 1. In-situ, dorso-lateral view of *Goniobranchus trimarginatus* at Changi (Photograph by: Jianlin Liu).

Remarks: *Goniobranchus trimarginatus* was first recorded in Singapore on a coral reef at a depth of about 9 m (Toh, 2019). This observation differs in being in an intertidal estuarine environment instead of a subtidal marine habitat. The example featured here also differs in it being devoid of red spots on the dorsal surface as seen on the smaller individual recorded by Toh (2019), as well as the specimen of unknown size illustrated in Gosliner et al. (2018).

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.

Toh CH (2019) New Singapore record of the nudibranch, *Goniobranchus trimarginatus*. Singapore Biodiversity Records, 2019: 1.