

Biodiversity Record: Confirmed presence of the nudibranch, *Hypselodoris maculosa*, in Singapore

Jianlin Liu

Email: liujianlin@u.nus.edu

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Subject: *Hypselodoris maculosa* (Mollusca: Gastropoda: Chromodorididae).

Subject identified by: Jianlin Liu.

Location, date and time: Singapore Strait off Pulau Hantu; 21 June 2025; around 1110 hrs.

Habitat: Marine. Coral reef, at depth of around 12 m.

Observers: Jianlin Liu.

Observation: An example of about 1.5 cm was observed crawling on the substrate (Fig. 1).



Fig. 1. In-situ, dorso-lateral view of *Hypselodoris maculosa* off Pulau Hantu. Note the two orange bands around its rhinophores. (Photograph by: Jianlin Liu)

Remarks: *Hypselodoris maculosa* appears in the list of molluscs of Semakau Landfill by Ng (2012). That would be the first record of the species in Singapore, except that it was not supported by evidence of any sort. With an in-situ photograph (Fig. 1), the present observation thus confirms the presence of *Hypselodoris maculosa* in Singapore waters. The species is most similar to *Hypselodoris decorata*, a species not yet recorded from Singapore, in having two orange bands (instead of three orange bands in *Hypselodoris decorata*) around the rhinophores (see 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.
- Ng MFC (2012) Habitats in Harmony: The Story of Semakau Landfill. 2nd edition. National Environment Agency, Singapore, 157 pp.