

Biodiversity Record: New Singapore record of the nudibranch, *Phidiana bourailli*

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Subject: *Phidiana bourailli* (Mollusca: Gastropoda: Nudibranchia: Facelinidae).

Subject identified by: Toh Chay Hoon.

Location, date and time: Singapore Strait, Sisters Islands Marine Park, Pulau Sabar Laut (Big Sister Island); 23 January 2023; around 1800 hrs.

Habitat: Marine. Intertidal shore among coral rubble.

Observer: Jianlin Liu.

Observation: One example of about 3 mm was observed crawling over coral rubble.



Fig. 1. Dorso-lateral view of subject with head directed downwards. Fig. 2. Dorsal view of subject with head at upper right. (Photographs by: Jianlin Liu).

Remarks: The featured subject appears to be the first record of *Phidiana bourailli* in Singapore (see Tan & Woo, 2010). This nudibranch is widespread throughout the Indian and Western Pacific Oceans where it inhabits coral rubble on shallow reefs. It is known to grow to 15 mm and feeds on hydroids (Gosliner et al., 2018 as *Facelina bourailli*).

Literature cited:

Gosliner TM, Valdés Á & Behrens DW (2018) Nudibranch & Sea Slug Identification Indo-Pacific. Second 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://lkenhm.nus.edu.sg/wp-content/uploads/sites/10/app/uploads/2017/04/preliminary_checklist_molluscs_singapore.pdf (Accessed 29 March 2023)