

Biodiversity Record: The nudibranch, *Chromodoris orientalis*, at Changi Beach

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Recommended citation. Liu J (2021) Biodiversity Record: The nudibranch, *Chromodoris orientalis*, at Changi Beach. Nature in Singapore, 14: e2021077. DOI: 10.26107/NIS-2021-0077

Subject: *Chromodoris orientalis* (Mollusca: Gastropoda: Nudibranchia: Chromodorididae).

Subject identified by: Toh Chay Hoon.

Location, date and time: Singapore, Johor Strait, Changi Beach; 30 May 2020; 0830 hrs.

Habitat: Estuarine rocky shore with sandy bottom, at intertidal zone during low tide.

Observers: Liu Jianlin and Wen Lin Teh.

Observation: One individual of about 0.8 cm was observed under a rock (Fig. 1).

Remarks: *Chromodoris orientalis* has been recorded for Singapore by Tan & Woo (2010: 56), but appears to be rarely seen. At Changi, it can be found in the same habitat as the similar *Goniobranchus tumuliferus*, which also has large dark spots on the dorsum. They can be differentiated by the colour of the rhinophores and gills. *Goniobranchus tumuliferus* has white rhinophores and gills, while those of *Chromodoris orientalis* are orange (see Gosliner et al., 2018).

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, Singapore, 78 pp.



Fig. 1. In situ, dorso-lateral view of the *Chromodoris orientalis*. Note the orange rhinophores and gills. (Photograph by: Liu Jianlin).