

Biodiversity Record: A nudibranch of the genus *Murphydoris* at Changi Beach

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Subject: Nudibranch, *Murphydoris* sp. (Mollusca: Gastropoda: Doridida: Goniodorididae).

Subject identified by: Jianlin Liu and Chay Hoon Toh.

Location, date and time: Singapore Island / Johor Strait, Changi Beach; 6 December 2025; around 1700 hrs.

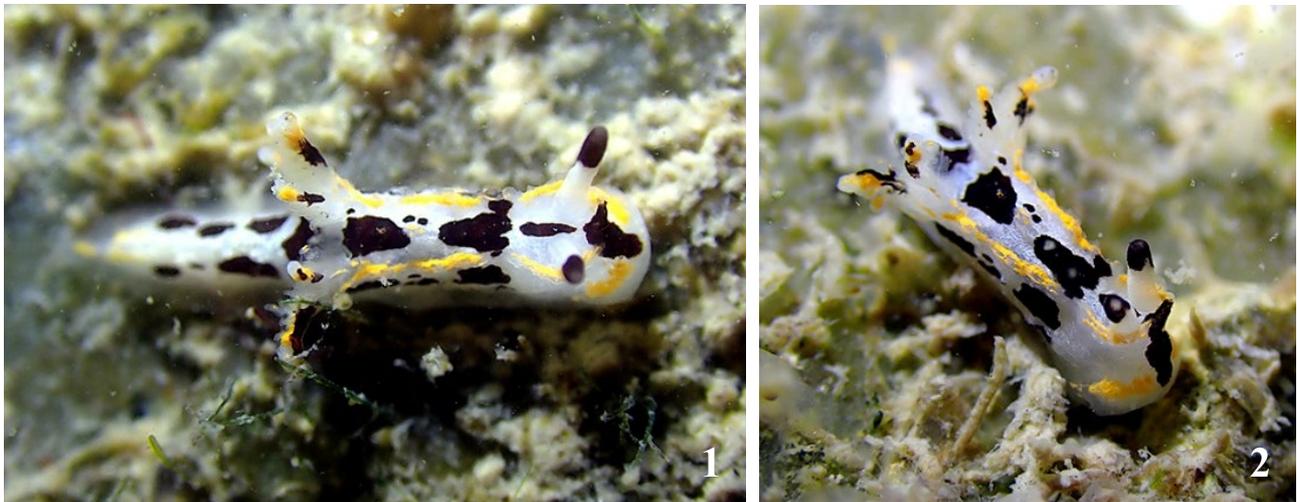


Fig. 1. Dorsal view of the subject. Fig. 2. Frontal dorso-lateral view of the same animal (Photographs by: Jianlin Liu).

Habitat: Estuarine rocky shore with sand substrate. At intertidal zone during low tide.

Observers: Jianlin Liu and Wen Lin Teh.

Observation: One example of about 4 mm (Figs. 1 & 2) was found under a rock.

Remarks: The genus *Murphydoris* was recently reviewed by Paz-Sedano et al. (2022, 2024). Only the type species, *Murphydoris singaporensis*, has hitherto been recorded from Singapore (see Tan & Woo, 2010). The featured animal seems to be the second species of the genus to be recognised in the country, but we are unable to ascertain its specific identity. Its colour pattern appears closest to *Murphydoris adusta* described by Paz-Sedano et al. (2022). This species is widely distributed in the Indo-West Pacific from Madagascar to Indonesia, the Philippines, Taiwan, Japan and Australia, and should be expected in Singapore waters.

Literature cited:

- Paz-Sedano S, Smirnoff D, Candás M, Gosliner TM & Pola M (2022) Rediscovering the overlooked genus *Murphydoris* (Nudibranchia: Goniodorididae): the first phylogeny and addition of four new species. *Zoological Journal of the Linnean Society*, 196: 250–269.
- Paz-Sedano S, Cobb G, Gosliner TM & Pola M (2024) Filling gaps in the knowledge of Goniodorididae taxa (Mollusca, Gastropoda, Nudibranchia) with description of seven new species. *Zootaxa*, 5443(4): 523–547.
- 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://lkcnm.nus.edu.sg/wpcontent/uploads/sites/11/2024/02/preliminary_checklist_molluscs_singapore.pdf (Accessed 30 January 2026).