

New record of the nudibranch *Nembrotha livingstonei* in Singapore

Subjects: *Nembrotha livingstonei* (Mollusca: Gastropoda: Polyceridae).

Subjects identified by: Contributor.

Location, date and time: Singapore Straits, off Pulau Satumu; 8 March 2014; 1030-1130 hrs.

Habitat: Coral reef, at 7 m depth.

Observer: Contributor.

Observation: Two examples, each of about 4 cm total length, were seen crawling on the reef substrates. The first example (Fig. 1) was encountered at 1030 hrs. The second individual (Fig. 2) was photographed at 1130 hrs about 5 m away from the first.

Remarks: The genus *Nembrotha* is first recorded from Singapore waters by Toh (2013) based on an unidentified species of nudibranch photographed off Pulau Hantu. *Nembrotha livingstonei* is not present on the list of Singapore molluscs compiled by Tan & Woo (2010). The examples featured herein are most likely the first records of this species in Singapore waters. This nudibranch is known to feed on bryozoans (Debelius & Kuitert, 2007).

References:

- Debelius, H. & R. H. Kuitert, 2007. *Nudibranchs of the World*. IKAN-Unterwasserarchiv, Frankfurt, Germany. 360 pp.
- Tan S. K. & H. P. M. Woo, 2010. *A Preliminary Checklist of the Molluscs of Singapore*. Raffles Museum of Biodiversity Research, National University of Singapore. 78 pp.
- Toh C. H., 2013. New Singapore record of nudibranch genus *Nembrotha*. *Singapore Biodiversity Records*. 2013: 80.

Note: This is a contribution of the Singapore **Comprehensive Marine Biodiversity Survey** conducted by the National University of Singapore's Tropical Marine Science Institute and the National Parks Board.



Fig. 1. The first example of *Nembrotha livingstonei*. Photograph by Toh Chay Hoon



Fig. 2. The second example was observed about 5 m from the first. Photograph by Toh Chay Hoon

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