

Biodiversity Record: Another venus clam of the genus *Hyphantosoma* in Singapore

Tan Siong Kiat

Lee Kong Chian Natural History Museum, National University of Singapore, Singapore 117377;

Email: nhmtsk@nus.edu.sg

Recommended citation. Tan SK (2023) Biodiversity Record: Another venus clam of the genus *Hyphantosoma* in Singapore. Nature in Singapore, 16: e2023048. DOI: 10.26107/NIS-2023-0048

Subject: Venus clam, *Hyphantosoma limatulum* (Mollusca: Bivalvia: Venerida: Veneridae).

Subjects identified by: Tan Siong Kiat.

Location, date and time: Singapore Strait, Sentosa, Tanjong Rimau; 12–16 July 2021, predawn to early morning.

Habitat: Marine, reef flat with coral rubble, patches of sand and seagrass.

Observers: Tan Heok Hui, Lee Bee Yan, Iffah Iesa and others.

Observation: An empty articulate shell, measuring 19.9 mm in shell length, was collected during a recent biodiversity survey of Sentosa. It was deposited in the Zoological Reference Collection (ZRC) of the Lee Kong Chian Natural History Museum, National University of Singapore, and catalogued as ZRC.MOL.24710.



Fig. 1. Valves of *Hyphantosoma limatulum* (ZRC.MOL.24710), scale bar = 10 mm. (Photograph by: Tan Siong Kiat).

Remarks: *Hyphantosoma limatulum*, with characteristic dark brown markings on the escutcheon and lunule, has not been previously reported from Singapore. Compared to *Hyphantosoma intricatum*, which was the only congener known from Singapore (see Tan & Low, 2017), the zigzag sculpture of *Hyphantosoma limatulum* is prominent only on the anterior part of the shell, and not as easily observable. The tiny *Hyphantosoma* cf. *intricatum* reported in Tan & Low (2022) could possibly be a third species (e.g., *Hyphantosoma spoori*), but more samples will be needed for study and confirmation.

Acknowledgements: We thank Sentosa Development Corporation for their assistance and permission for samplings at Sentosa Island. We are also grateful for the assistance of the participants of the survey at Tanjong Rimau.

Literature cited:

Tan SK & Low MEY (2017) Two species of venus clams new to Singapore. Singapore Biodiversity Records, 2017: 114–115.

Tan SK & Low MEY (2022) An Inventory of the Molluscs of Pulau Satumu (Raffles Lighthouse), Singapore: With Notes on the Etymology and History of the Islet. Lee Kong Chian Natural History Museum, National University of Singapore, Singapore, 82 pp. Uploaded 31 August 2022. <https://lkcnhm.nus.edu.sg/wp-content/uploads/sites/10/2022/08/2022-LKCNHM-EBOOK-2022-0002-Tan-Low.pdf> (Accessed 29 April 2023)