

New Singapore record of the olive shell, *Oliva hanleyorum*

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Subject: Olive shell, *Oliva hanleyorum* (Mollusca: Gastropoda: Olivadae).

Subject identified by: Calvin Leow Jiah Jay & Chan Sow Yan.

Location, date and time: Johor Strait, Changi Beach; 21 January 2019; 1540 hrs.

Habitat: Estuarine. Intertidal sand flats with patches of algae and seagrass, exposed at low tide.

Observer: Leong Si Wei.

Observation: One example of 51.6 mm shell length was found partially buried in the sand (see accompanying pictures). It was located at the end of a 4 cm wide burrowing trail that stretched to about 1 m in length, on the exposed sand flat about 3 m from the water's edge.

Remarks: *Oliva hanleyorum* is herein presented as a new record for Singapore (see Tan & Woo, 2010; Sanpanich & Tan, 2016). This species can be identified by its rotund and relatively thick shell which has a low spire, and dark spots usually present on the edge of the outer lip (Petuch & Sargent, 1986).

References:

Petuch, E. J. & D. M. Sargent, 1986. *Atlas of the Living Olive Shells of the World*. The Coastal Education & Research Foundation, Charlottesville, Virginia, USA. xv + 253 pp., 39 pls.

Sanpanich, K. & S. K. Tan, 2016. Shell-bearing gastropod molluscs of the Singapore Strait. *The Raffles Bulletin of Zoology*. Supplement No. 34: 528–538.

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.



Dorsal view(left) and ventral view (right) of *Oliva hanleyorum* insitu. Photographs by Leong Si Wei