

Grey bonnet shell *Phalium glaucum* at Semakau Landfill

Subject: Grey bonnet, *Phalium glaucum* (Mollusca: Gastropoda: Cassidae).

Subject identified by: Tan Siong Kiat.

Location, date and time: Singapore Straits, Semakau Landfill, Phase II lagoon; 23 August 2013; 0700 hrs.

Habitat: Artificial marine lagoon with soft sand substrate and some coral growth.

Observers: Contributors.

Observation: A live individual, with a shell height of 73.6 mm, was found half-buried in sand, out of the water, during morning low tide.

Remarks: The specimen is preserved in the Raffles Museum of Biodiversity Research at the National University of Singapore, under the catalogue number ZRC.MOL.5620. *Phalium glaucum* is considered locally endangered as it was purportedly “[n]ot seen since the early 1970s” (Chou & Tan, 2008: 53). However the remark is erroneous and there are several records and specimens collected from Pulau Ubin, Changi, St. John’s Island, and Cyrene Reef from the mid-1990s to the present day (Tan et al., 2013: 513; unpublished data from Tan Siong Kiat). The present record seems to be the first from Semakau Landfill.

References:

Chou L. M. & K. S. Tan, 2008. Corals, worms and mollusks. In: Davison, G. W. H., P. K. L. Ng & H. C. Ho (eds.). *The Singapore Red Data Book. Threatened Plants & Animals of Singapore*. Second edition. Nature Society (Singapore). pp. 39-61.

Tan S. K., H. E. Ng & L. H. S. Nguang, 2013. A new species of *Phalium* Link, 1807 (Gastropoda: Tonnoidea: Cassidae) from the Sunda Shelf. *The Raffles Bulletin of Zoology*. 61(2): 507-514.



Photograph by Kelvin K. P. Lim

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