

## The land snail, *Cyclophorus semisulcatus*, at Dairy Farm Nature Park

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**Subjects:** Land snail, *Cyclophorus semisulcatus* (Mollusca: Gastropoda: Cyclophoridae).

**Subjects identified by:** Tan Siong Kiat.

**Location, date and time:** Singapore Island, Dairy Farm Nature Park; 6 May 2018; 1006 hrs.

**Habitat:** Secondary lowland rainforest, leaf litter on the forest floor.

**Observers:** James Chua & Jan Tan.

**Observation:** Three examples were found. One live and two dead. The live subject was seen beside a walking path on grass amongst leaf litter. It had a shell width of about 4 cm. The two dead individuals were beside the live snail. One had its shell emptied, the other was being consumed by ants. The live example is illustrated emerging from its shell in the attached series of four pictures.



Dorsal view of shell as the animal emerges. First and second pictures from left: foot pushing operculum outwards from the shell aperture. Third picture from left: tentacles and head emerging from the shell. Picture at far right: Dorso-frontal view of the head and side view of foot as the animal emerges and starts to move. Photographs by James Chua

**Remarks:** The terrestrial snail, *Cyclophorus semisulcatus*, was rediscovered in Singapore in 2013 at the Bukit Timah Nature Reserve (Tan & Chan, 2013). The featured examples were observed in an area adjacent to the Bukit Timah Nature Reserve. This species is distinguishable from the more common forest snail *Cyclophorus pernix aquila* by the presence of distinct spiral sculpture and outer lip (in fully mature individuals) thickened but not reflected (Foon et al., 2017).

### References:

- Foon J. K., G. R. Clements & T.-S. Liew. 2017. Diversity and biogeography of land snails (Mollusca: Gastropoda) in the limestone hills of Perak, Peninsular Malaysia. *ZooKeys*. 682: 1-94.
- Tan S. K. & M. K. K. Chan, 2013. Land snail *Cyclophorus semisulcatus* rediscovered at Bukit Timah. *Singapore Biodiversity Records*. 2013: 4.