

African snail *Limicolaria flammea* at Upper Seletar

Subjects: *Limicolaria flammea* (Mollusca: Gastropoda: Achatinidae).

Subjects identified by: Contributors.

Location, date and time: Singapore Island, Upper Seletar Reservoir Park, grass verge next to the flyover of the Seletar Expressway; 14 May 2014 at 2140 hrs and 22 November 2014 at 0750 hrs.

Habitat: Urban parkland.

Observer: Tan Heok Hui.

Observations: On the night of 14 May 2014, three individuals, each about 4 cm shell length, were found within a five metre area (Fig. 1). They were actively foraging, alongside the giant African land snail (*Achatina fulica*). On the morning of 22 November 2014, one example of about 4 cm shell length was observed moving on the grass patch (Fig. 2).

Remarks: The presence of *Limicolaria flammea* in Singapore was first documented by Tan & Clements in 2011 with records from Tuas, Lentor, Yio Chu Kang, Seletar Aerospace Park and Seletar Farmway. This African snail was later found at Braddell Heights, Yishun, Chong Kuo Road (Tan & Low, 2011) and along Pandan Canal at Clementi (Tan, 2013). The present observations add Upper Seletar Reservoir Park to the known localities of this alien species in Singapore.

References:

- Tan S. K., 2013. African snail *Limicolaria flammea* at Pandan Canal. *Singapore Biodiversity Records*. 2013: 77.
- Tan S. K. & G. R. Clements, 2011. *Limicolaria flammea* (Müller, 1774), another potentially invasive African land snail in tropical Asia. *Tropical Conservation Science*. 4 (1): 97-102.
- Tan S. K. & M. E. Y. Low, 2011. An update to the West African *Limicolaria flammea* (Müller, 1774) in Singapore, and its distinction from the confamilial *Achatina fulica* Bowdich, 1822 (Mollusca: Gastropoda: Achatinidae). *Nature in Singapore*. 4: 311-317.



Fig. 1. The three individuals on 14 May 2014.



Fig. 2. The lone example on 22 November 2014.

Photographs by Tan Heok Hui

Contributors: **Tan Heok Hui** & **Tan Siong Kiat**

Contact addresses: nhmthh@nus.edu.sg (THH), nhmtsk@nus.edu.sg (TSK)