

Biodiversity Record: A metallic wood-boring beetle, *Chrysobothris discedens*, in Singapore

Simon Chan Kee Mun

Toh Yi Drive, Singapore 590012; Email: simonchan268@yahoo.com.sg

Recommended citation. Chan SKM (2021) Biodiversity Record: A metallic wood-boring beetle, *Chrysobothris discedens*. Nature in Singapore, 14: e2021078. DOI: 10.26107/NIS-2021-0078

Subject: Metallic wood-boring beetle, *Chrysobothris discedens* (Insecta: Coleoptera: Buprestidae, Buprestinae).

Subject identified by: Simon Chan Kee Mun.

Location, date and time: Singapore Island, Lornie Nature Corridor, off Lornie Road; 26 May 2021; 1346 hrs.

Habitat: Secondary forest, on vegetation at the edge of a trail (Fig. 1).

Observer: Simon Chan Kee Mun.

Observation: In cloudy and drizzly weather, an example of about 2 cm (Figs. 2, 3) was observed moving to and fro on the stalk of a bearded smilax (*Smilax setosa*) that was attached to a dead log.

Remarks: The larger jewel beetles (family Buprestidae) appear to be rare in Singapore. The confamilial *Chrysochroa purpureiventris* was recently recorded from the Bukit Timah forest (Law et al., 2020). Chua (2011: 353) illustrates a *Chrysobothris* species from Singapore which appears similar to the featured example. *Chrysobothris discedens* was not recorded during a recent beetle survey at the Bukit Timah Nature Reserve (Cheong, 2019). The Biodiversity of Singapore (2021) website features images of a preserved specimen of *Chrysobothris discedens* from Borneo, but is “unsure” of the occurrence of the species in Singapore.

Literature cited:

Biodiversity of Singapore (2021) *Chrysobothris discedens* Gemminger & Harold, 1869. <https://m.singapore.biodiversity.online/species/A-Arth-Hexa-Coleoptera-000492> (Accessed 8 August 2021).

Cheong LF (2019) Estimating saproxylic beetle (Coleoptera: Cerambycidae and Buprestidae) diversity in Bukit Timah Nature Reserve, Singapore, with a methodological and biological review. Gardens' Bulletin Singapore, 71, Supplement 1: 339–368.

Chua MAH (2011) Jewel beetles. Family Buprestidae. In: Ng PKL, Corlett RT & Tan HTW (eds.) Singapore Biodiversity. An Encyclopedia of the Natural Environment and Sustainable Development. Editions Didier Millet and the Raffles Museum of Biodiversity Research, National University of Singapore, Singapore, pp. 352–353.

Law IT, Lee J, Chakraborty D & Law IS (2020) Recent records of the jewel beetle, *Chrysochroa purpureiventris*, in Singapore. Singapore Biodiversity Records, 2020: 173–174.



Fig. 1. Forest trail where beetle was found. (Photograph by: Simon Chan Kee Mun).



Fig. 2. Dorsal view of the beetle. (Photograph by: Simon Chan Kee Mun).



Fig. 3. Dorso-lateral view of the beetle. (Photograph by: Simon Chan Kee Mun).