

First record of the cetonid beetle, *Glycyphana horsfieldii* (Hope, 1831) (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) from Ubon Ratchathani Province, Thailand

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Abstract: In this note, we record the first record of the flower chafer beetle (no common name), *Glycyphana horsfieldii* (Hope, 1831) (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) from the farming district of Ubon Ratchathani (Ubon), Ubon Ratchathani Province, north-eastern Thailand. Previous published data on its distribution in Thailand are reviewed. Our record extends the known distribution of the species in Thailand some 550 km eastwards.

Key words: *Glycyphana horsfieldii*, Coleoptera, Scarabaeidae, Cetoniinae, distribution, Ubon Ratchathani, Thailand.

Introduction

The flower chafer beetle, *Glycyphana horsfieldii* (Hope, 1831) (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) (Fig. 1) is a tropical and distinctive brightly coloured insect found only throughout SE Asia. Wallace (1868) listed the species as occurring in Malaysia (as Penang), India and Thailand (as Siam). Ek-Amnuay (2008) listed its distribution as Nepal, Sri Lanka (Ceylon), Thailand and Vietnam. It appears to be rarely observed and little if anything has been recorded on its biology.

Observations

During the day of 17 July 2018 [1422 hrs, Thailand time], one of us (BS) observed a single specimen of *Glycyphana horsfieldii* (Hope, 1831) (Insecta: Coleoptera: Scarabaeidae: Cetoniinae) resting on foliage in a guava farm (*Psidium guajava* L., Myrtaceae), near the city of Ubon Ratchathani (Ubon), Ubon Ratchathani Province, north-eastern Thailand (Fig. 1). The beetle was photographed in the wild. No further specimens were observed or any specialized behaviour patterns were noted. The beetle was resting on a grass leaf stalk after rain and at the time of photography still had water droplets on its body as did the surrounding grass leaves etc. (Fig. 1).

Discussion

For Thailand, Ek-Amnuay (2008) recorded only two provinces for the distribution of this beetle: Samoeng and Doi Pui (both Chiang Mai Province) and Chonburi Province (south of Bangkok Province). Therefore our record for *G. horsfieldii* from Ubon Ratchathani Province appears to be new and extends the known distribution of the species in Thailand some 550 km eastwards.

Other papers of ours concerning Scarabaeidae of Thailand are as follows: Hawkeswood & Sommung (2016)(*Oryctes*), Sommung & Hawkeswood (2017a)(*Protaetia*), Sommung & Hawkeswood (2017b)(*Heterorrhina*), Hawkeswood & Sommung (2017)(*Xylotrupes*) and (Hawkeswood, Sommung & Sommung, 2018a)(*Anomala*). Additionally, we have recently provided a new record of *Bolbohamatum* (Geotrupidae) for Thailand (Hawkeswood, Sommung & Sommung, 2018b).

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Fig. 1. Adult of *Glycyphana horsfieldii* (Hope, 1831) which was discovered after rain in farmland, approx. 30 km south-west of Ubon Ratchathani, Ubon Ratchathani Province, Thailand on 17 July 2018. (Photo: B. Sommung).

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