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Cover photograph: Adult *Glycyphana horsfieldii* (Hope, 1831), photo by Paul Aston.

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***Glycyphana horsfieldii* (Hope, 1831) a new species of Rose Chafer (Coleoptera, Cetoniinae) for the Hong Kong fauna**

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ABSTRACT

Glycyphana horsfieldi (Hope, 1831) is recorded from Hong Kong for the first time. Subspecies identification in China is discussed.

Key words: Rose Chafer, new record, Hong Kong

INTRODUCTION

The Cetoniinae fauna of Hong Kong was covered by Yiu (2010), he listed two species of *Glycyphana*: *G. nasalis* Boheman, 1858 and *G. nicobarica* Janson, 1877. Here we add a third species *G. horsfieldi* (Hope, 1831).

MATERIALS & METHODS

For general methodology see Aston (2016).

RESULTS & DISCUSSION

***Glycyphana horsfieldii chinensis* (Mikšić, 1967) (Fig. 1)**

On 27th April 2018, one of us (Paul Melsom) discovered on the outside of a plastic compost bin (containing compost and composting weeds) on the roof garden, above the 4th floor of Kennedy School, an unusual beetle, which was later identified as *Glycyphana horsfieldi* (Hope, 1831) by the first author after reference to Ma (1995).

Both Mikšić (1970) and Smelter (2006) state that specimens from southern China belong to the subspecies *Glycyphana horsfieldii chinensis* Mikšić, 1967. However the Hong Kong specimen keys out to the nominate form *G. horsfieldi horsfieldi* (Hope, 1831) using Mikšić (1970) and agrees well with his illustration, in having a narrow red border to the pronotum. In fact Mikšić (1970) states the only difference between *G. h. chinensis* and *G. h. horsfieldi* is that the former usually or mostly (In German "meist") has a much wider red border to the pronotum.

Ma (1995) makes no reference to *G. h. chinensis*, though he clearly had reference to Mikšić (1970) as he lists it in the acknowledgements under the author Krikken, J. [sic]. Interestingly Ma illustrates both *G. h. chinensis* (in Figure 114) and *G. h. horsfieldi* (in Plate IV, 23).

Ma includes Guangdong province in his range for *G. horsfieldi*. Smelter (2006) lists only the subspecies *G. h. chinensis* for China and lists its Chinese distribution as Guizhou, Jiangxi, Sichuan, Yunnan and Taiwan.

According to Mikšić (1970) the range of *G. h. chinensis* is China, Taiwan, Tonkin and Laos whereas he gives the range of *G. h. horsfieldi* as India, Burma and furthest east as Chapa in extreme north-east Vietnam (Tonkin).

It will be interesting to see the extent of the red on the pronotum of future specimens in Hong Kong. It may well be that *G. h. chinensis* is not a subspecies but just a locally occurring form in the eastern part of its range.

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FIGURE



Figure 1. *Glycyphana horsfieldii chinensis* (Mikšić, 1967) (Photo by Paul Aston).



