

Occurrence of *Anaclasiger sinuaticollis* (Coleoptera, Staphylinidae, Pselaphinae) on Yakushima Island, Kyushu, Southwestern Japan

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Since the original description from Singapore by RAFFRAY (1890), *Anaclasiger sinuaticollis* has been known from Malaysia, Thailand, Taiwan and Japan (RAFFRAY, 1914; NOMURA & IDRIS, 2005; NOMURA *et al.*, 2006). NOMURA *et al.* (2006) recorded this species from Kuchinoerabujima Island as the first record from Japan. Recently, I collected this species on Yakushima Island, off southern Kyushu.

Presently, the pselaphine genus *Anaclasiger* RAFFRAY, 1890 contains two species: *A. sinuaticollis* and *A. zhudaiae* YIN et HUANG, 2012 from China. *Anaclasiger* is known as a myrmecophilous genus, and the host ant of the Chinese species is *Prenolepis sphingthorax* ZHOU et ZHENG, 1998 (YIN *et al.*, 2012). This ant species synonymized with *Nylanderia flaviabdominis* (WANG, 1997) by WILLIAMS and LAPOLLA (2016). On the other hand, host ant of *A. sinuaticollis* is still unknown.

I thank Drs. Hiroaki KOJIMA (Tokyo University of Agriculture) and Shûhei NOMURA (National Museum of Nature and Science, Tsukuba) for their critical reading of the manuscript.

Anaclasiger sinuaticollis RAFFRAY, 1890

[Japanese name: Nejire-higebuto-arizukamushi]

(Figs. 1–3)

Specimen examined. 1 ex., Koseda, Yakushima-chô, Kagoshima-ken, Yakushima Is., Japan, 9.VII.2019, S. TARU leg.

Distribution. Japan (Kuchinoerabujima Is.; Yakushima Is. — new record), Malaysia, Taiwan and Thailand.



Figs. 1–2. *Anaclasiger sinuaticollis* RAFFRAY. — 1, Dorsal habitus (scale bar: 0.5 mm); 2, habitat.

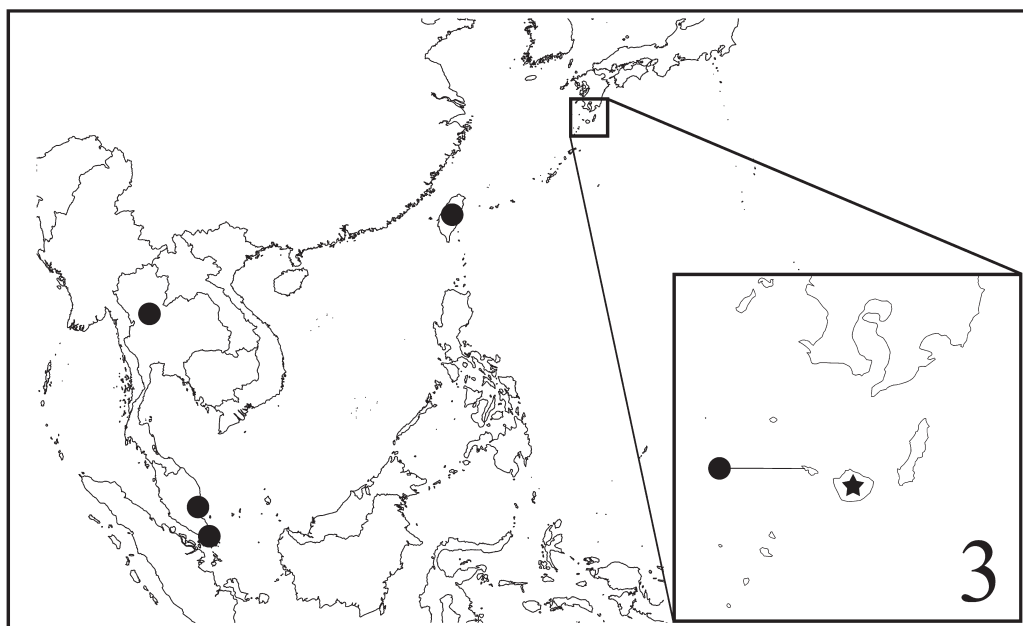


Fig. 3. Distributional map of *Anaclasiger sinuaticollis* RAFFRAY (black circle: known locality; black star: new locality).

Remarks. The present report represents the second record of this species from Japan. It was collected by a Tullgren funnel, from litter of the floor of an evergreen forest. I could not confirm host ant of this species. However, this species belongs to the supertribe Clavigeritae that is composed of myrmecophilous species having high host specificity, and *A. zhudaiae* is known to be associated with a *Nylanderia* ant. It is possible that this species is also associated with a certain *Nylanderia* ant. As three species of the genus *Nylanderia* are distributed in southern Japan, it is worth to investigate the relationship between *A. sinuaticollis* and each of them.

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Manuscript received 8 November 2019;
revised and accepted 4 May 2020.