

New Distributional Records of *Aphanisticus antennatus* SAUNDERS (Coleoptera, Buprestidae) from Iriomote-jima Island, the Ryukyus, Japan

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Aphanisticus antennatus SAUNDERS, 1873 is a small buprestid beetle belonging to the tribe Aphanisticini JACQUELIN DU VAL, 1863, subfamily Agrilinae LAPORTE, 1835 (Coleoptera, Buprestidae). This species has hitherto been recorded from Asia (China, India, Indonesia, Japan, Malaysia, Taiwan and Thailand), the western Pacific (Palau), and the Caribbean (Dominica) (SAUNDERS 1873; KUROSAWA, 1975; OHMOMO, 1995, 2004, 2012; OHMOMO & FUKUTOMI, 2013). SAUNDERS (1873) originally described this species based on a single specimen collected by G. LEWIS from “Japan” but without precise locality data. Later, KUROSAWA (1975) presumed that the type specimen was collected from around Nagasaki Prefecture, Kyushu, but in Japan this species has so far been subsequently recorded only from the Ryukyus (Okinawa-jima Is. and Ishigaki-jima Is.) (SUGIMOTO & FUKUTOMI, 2002; SUENAGA & FUKUTOMI, 2010).



Fig. 1. *Aphanisticus antennatus* SAUNDERS from Iriomote-jima Is., the Ryukyus, Japan.

In this short paper, we record *A. antennatus* for the first time from Iriomote-jima Is., the Ryukyus, Japan in the following lines.

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***Aphanisticus antennatus* SAUNDERS, 1873**

[Japanese name: Higebuto-keshi-tamamushi]

(Fig. 1)

Specimens examined. [Japan: Okinawa Pref.] 4 ♀♀, Otomi-rindô, Haiminaka, Taketomi-chô, Yaeyama-gun, Iriomote-jima Is., 28.V.2017, Y. TAMADERA leg.; 1 ♀, Sonai, Iriomote, Taketomi-chô, Iriomote-jima Is., N24°23'18.7" E123°44'58.4", 26.X.2017, R. SAIKI leg.

Distribution. Japan (the Ryukyus: Okinawa-jima Is., Ishigaki-jima Is. and Iriomote-jima Is. — new record; Kyushu?); Asia (China, India, Indonesia, Malaysia, Taiwan and Thailand), the western Pacific (Palau), and the Caribbean (Dominica).

Note. In Iriomote-jima Is., the examined specimens were collected at two sites covered thickly with grasses (Poaceae) as well as in the other localities (OHMOMO, 1995; SUGIMOTO & FUKUTOMI, 2002; SUENAGA & FUKUTOMI, 2010).

References

- KUROSAWA, Y., 1975. [Review of the Japanese Buprestidae (15).] *Coleopterists' News, Tokyo*, (31/32): 1–4. (In Japanese.)
- OHMOMO, S., 1995. [Observations of two buprestid beetles in Thailand.] *Gekkan-Mushi, Tokyo*, (293): 37. (In Japanese.)
- OHMOMO, S., 2004. Buprestid beetles (Coleoptera: Buprestidae) new to Japanese fauna (Part 2). *Entomological Review of Japan, Osaka*, **59**: 135–143.
- OHMOMO, S., 2012. Mysterious distribution of *Aphanisticus antennatus* E. SAUNDERS. *Gekkan-Mushi, Tokyo*, (494): 33–34. (In Japanese, with English title.)
- OHMOMO, S., & H. FUKUTOMI, 2013. The Buprestid Beetles of Japan. *Mushi-Sha's Iconographic Series of Insects*, **7**. 206 pp. Mushi-sha, Tokyo. (In Japanese, with English book title & summary.)
- SAUNDERS, E., 1873. Descriptions of Buprestidae collected in Japan by George LEWIS, Esq. *Journal of the Linnean Society of London, Zoology*, **11**: 509–523.
- SUENAGA, H., & H. FUKUTOMI, 2010. [A new record of *Aphanisticus antennatus* SAUNDERS (Coleoptera, Buprestidae) from Ishigaki-jima Island, the Ryukyus, Japan.] *Coleopterists' News, Tokyo*, (171): 4. (In Japanese.)
- SUGIMOTO, M., & H. FUKUTOMI, 2002. [New records of *Aphanisticus antennatus* SAUNDERS (Coleoptera, Buprestidae) from Okinawai-jima Island, the Ryukyus, Japan.] *Gekkan-Mushi, Tokyo*, (373): 43. (In Japanese.)

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