

## New Distribution Records for *Asiopodabrus* Species (Coleoptera, Cantharidae) from Kyushu and the Ryukyus, Southwest Japan

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The genus *Asiopodabrus* WITTMER, 1982 is the most diverse of all the Japanese cantharids and 172 species known from Japan (TAKAHASHI, 2012). However, for clarifying the detail distribution and local variation of species within the genus, it is necessary that additional distribution records of each species are accumulated. In this short report, several additional distribution records for *Asiopodabrus* species from Kyushu and the Ryukyus in southwest Japan are represented. The abbreviations are used for collector names in the text are as follows: HI — Hiromitsu INOUE, RM — Rikio MATSUMOTO, NT — Naoki TAKAHASHI, TT — Taku TSUKADA, TU — Teruhisa UENO. Before going to detail, I am grateful to the anonymous reviewers for offering valuable suggestions on the manuscript, T. UENO (Fukuoka), R. MATSUMOTO (Osaka Museum of Natural History), and H. INOUE (National Institute of Fruit Tree Science, Higashihiroshima) for providing reference materials.

### 1. *Asiopodabrus* (*Satopodabrus*) *asperipunctatus* KANG et OKUSHIMA, 2003

[Japanese name: Saishû-kubiboso-jôkai]

*Asiopodabrus asperipunctatus* KANG et OKUSHIMA, 2003: 346 (Jeju Is., Korea). — KANG, 2012: 11 (recorded from the mainland of Korea).

*Asiopodabrus* (*Satopodabrus*) *asperipunctatus*: TAKAHASHI, 2012: 35 [new subgeneric assignment; recorded from Japan (Tsu-shima Is. and Kyushu)].

*Specimens examined.* [Koshiki Isls., Shimokoshiki Is.] 2 ♂♂, 2 ♀♀, Katanoura (ca. 260 m alt.), 25.IV.2012, HI.

*Distribution.* Japan: Tsushima Is., Kyushu, and Koshiki Isls. (Shimokoshiki Is.); Korea. New record from Koshiki Isls.

*Note.* A slightly brownish area is visible behind the eyes, and a vague macula on the pronotum is observed in a single male collected from Shimokoshiki Is. All females collected from the island have a brownish part on the head, just behind each eye, with a light macula on the pronotum.

### 2. *Asiopodabrus* (*Asiopodabrus*) *ochraceus* (KIESENWETTER, 1874)

[Japanese name: Chibi-kubiboso-jôkai]

*Podabrus ochraceus* KIESENWETTER, 1874: 265 (Japonia). — SATÔ, 1975: 13 (new Japanese name proposed; recorded from Kyushu).

*Asiopodabrus* (*Asiopodabrus*) *ochraceus*: TAKAHASHI, 2012: 132.

*Specimens examined.* [Koshiki Isls., Shimokoshiki Is.] 1 ♂, Mt. Otake, 18–22.V.1994, TU. 1 ♂, 1 ♀, Teuchi, 17.V.1994, TU; 2 ♂♂, 1 ♀, Teuchi (ca. 100 m alt.), 24.IV.2012, HI. 1 ♀, Imuta (ca. 250 m alt.), Kashima, 24.IV.2012, HI. 2 ♂♂, 5 ♀♀, Katanoura (ca. 260 m alt.), 25.IV.2012, HI. 2 ♀♀, no detail locality data within the island, 23.IV.2012, TT; 1 ♂, 3 ♀♀, ditto, 24.IV.2012, TT.

*Distribution.* Japan: Kyushu and Koshiki Isls. (Shimokoshiki Is.). New record from Koshiki Isls.

### 3. *Asiopodabrus (Asiopodabrus) amamiensis* TAKAHASHI, 2012

[Japanese name: Amami-kubiboso-jōkai]

*Asiopodabrus (Asiopodabrus) amamiensis* TAKAHASHI, 2012: 134.

*Specimens examined.* [Tokara Isls., Nakanoshima Is.] 3 ♂♂, 4 ♀♀, Rindō Nakanoshima Line, 18.IV.1997, NT. 4 ♂♂, 13 ♀♀, Funakura–nr. Oike, 19.IV.1997, NT. 17 ♂♂, 15 ♀♀, Mt. Ontake, 20.IV.1997, NT. [Amami-Ōshima Is.] 3 ♂♂, Mt. Yuwan, 27.IV.2000, HI. 8 ♂♂, 2 ♀♀, Mt. Yui, 28.IV.2006, NT. 1 ♂, Asato Pass, Naze, 26.IV.2013, HI. [Tokunoshima Is.] 1 ♂, 1 ♀, Mt. Inokawa, 28.IV.1996, RM.

*Distribution.* Japan: the Ryukyus [Tokara Isls. (Nakanoshima Is. and Akuseki Is.), Amami Isls. (Amami-Ōshima Is., Kikai Is., and Tokunoshima Is.), and Okinawa Isls. (Iheya Is.)]. New record from Nakanoshima Is.

*Note.* A macula on the pronotum is vague or absent in the male specimen from Tokunoshima Is. and most specimens from Nakanoshima Is.

### 4. *Asiopodabrus (Asiopodabrus) nakaoui* (NAKANE, 1990)

[Japanese name: Mitsume-ninfu-jōkai]

*Podabrus nakaoui* NAKANE, 1990 (in NAKANE & MAKINO, 1990): 183 (Kyushu). — YOSHIDA, 2001: 9 (recorded from Wakayama Pref., Honshu).

*Asiopodabrus nakaoui*: NAKAYAMA, 2004: 20 (recorded from Kōchi Pref., Shikoku).

*Asiopodabrus (Asiopodabrus) nakaoui*: TAKAHASHI, 2012: 196 (recorded from Kamikoshiki Is., Koshiki Isls.).

*Specimens examined.* [Koshiki Isls., Shimokoshiki Is.] 2 ♂♂, 1 ♀, Mt. Otake, 18.V.1994, TU.

*Distribution.* Japan: Honshu, Shikoku, Kyushu, Koshiki Isls. (Kamikoshiki Is. and Shimokoshiki Is.), and Yaku Is. New record from Shimokoshiki Is.

### 5. *Asiopodabrus (Asiopodabrus) hayato* (NAKANE, 1989)

[Japanese name: Hayato-kubiboso-jōkai]

“Kuro-ninfu-jōkai”: MATSUNAGA & IMASAKA, 1988: 32 (recorded from Yamaguchi Pref., Honshu).

*Podabrus malthinoides hayato* NAKANE, 1989 (in NAKANE & MAKINO, 1989): 4 (Kyushu).

*Asiopodabrus (Asiopodabrus) hayato*: TAKAHASHI, 2012: 198.

*Specimens examined.* [Koshiki Isls., Shimokoshiki Is.] 1 ♂, Sesenoura (ca. 390 m alt.), 23.IV.2012, HI; 1 ♂, 1 ♀, Sesenoura (ca. 380 m alt.), 25.IV.2012, HI. 4 ♂♂, 1 ♀, Teuchi (ca. 100 m alt.), 24.IV.2012, HI. 1 ♂, 1 ♀, Katanoura (ca. 10 m alt.), 24.IV.2012, HI; 1 ♂, Katanoura (ca. 0 m alt.), 25.IV.2012, HI; 1 ♂, Katanoura (ca. 260 m alt.), 25.IV.2012, HI.

*Distribution.* Japan: Honshu, Kyushu, Gotō Isls. (Nakadōri Is. and Fukué Is.), and Koshiki Isls. (Shimokoshiki Is.). New record from Koshiki Isls.

### 6. *Asiopodabrus (Asiopodabrus) malthinoides malthinoides* (KIESENWETTER, 1874)

[Japanese name: Kurohime-kubiboso-jōkai]

*Podabrus malthinoides* KIESENWETTER, 1874: 265 (Kiushiu, Nipon).

*Asiopodabrus (Asiopodabrus) malthinoides malthinoides*: TAKAHASHI, 2012: 199.

*Specimen examined.* [Kyushu] 1 ♂, Nr. Notouge (ca. 800 m alt.), Mts. Hikosan, Fukuoka Pref., 1.VI.2001, HI.

*Distribution.* Japan: Honshu, Izu Isls. (Ōshima Is.), Shikoku, and Kyushu.

*Note.* According to the revision of the *malthinoides* group (TAKAHASHI, 2008), ssp. *malthinoides* sensu lato is distributed in Honshu and Shikoku and ssp. *takizawai* is alternatively in the western part of Shikoku and Kyushu. A single male specimen, identical with ssp. *malthinoides* was, however, found from Kyushu. This is the first record of this subspecies from Kyushu.

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