

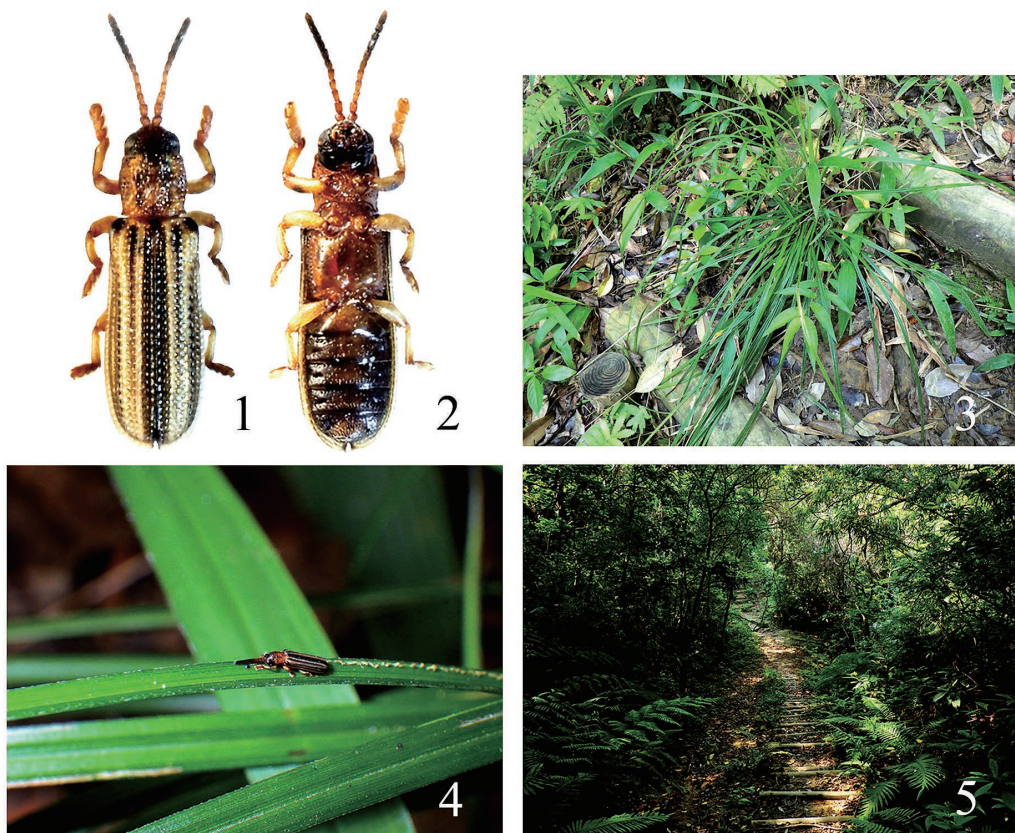
## New Distributional Records of *Agonita omoro* TAKIZAWA, 1975 (Coleoptera, Chrysomelidae, Cassidinae) from Iriomote-jima Is., the Yaeyama Isls. in the Ryukyus, Southwestern Japan

Hiroaki SHIGETOH<sup>1)</sup> and Yutaka TAMADERA<sup>2)</sup>

<sup>1)</sup>Naha Plant Protection Station, Ministry of Agriculture, Forestry and Fisheries of Japan, 2–11–1 Minatomachi,  
Naha, Okinawa, 900–0001 Japan

<sup>2)</sup>Laboratory of Entomology, Tokyo University of Agriculture, 1737 Funako, Atsugi, Kanagawa, 243–0034 Japan

*Agonita omoro* TAKIZAWA, 1975 is a rare leaf beetle species belonging to the cassidine tribe Gonophorini (Coleoptera, Chrysomelidae). TAKIZAWA (1975) originally described this species based on a single specimen from Ishigaki-jima Is. in the Yaeyama Isls., the Ryukyus, southwestern Japan. This species had not been recorded for long time since the original description. Later, it was discovered from Okinawa-jima Is. in the Okinawa Isls., the Ryukyus, southwestern Japan (OTOBE, 2007), and also recorded from Taiwan (LEE *et al.*, 2011). LEE *et al.* (2016) erroneously cited Iriomote-jima Is. in the distribution of this species (C.-F. LEE, pers. comm.). Thus, *A. omoro* has hitherto been recorded only from Okinawa-jima Is., Ishigaki-jima Is., and Taiwan.



Figs. 1–5. *Agonita omoro* collected on Iriomote-jima Is. in the Yaeyama Isls., the Ryukyus, southwestern Japan. — 1, Dorsal habitus; 2, ventral habitus; 3, *Carex breviscapa* on which adults were collected; 4, an adult feeding on *C. breviscapa*; 5, a habitat in Sonai.

In March, 2019, the second author (YT) conducted a field survey of entomofauna on Iriomote-jima Is. in the Yaeyama Isls., the Ryukyus, southwestern Japan, and collected *A. omoro* for the first time.

Before going further, we would like to express our hearty thanks to Mr. M. MINAMI (Tokyo) for his constant guidance. We also thank Dr. C.-F. LEE (Taiwan Agricultural Research Institute, Taichung) for his various suggestions. YT thanks Dr. S. OKAJIMA (Tokyo) for his various assistance during the field survey. The examined specimens are preserved in the private collection of the first author.

***Agonita omoro* TAKIZAWA, 1975**

[Japanese name: Okinawa-hoso-hirata-hamushi]

(Figs. 1, 2 & 4)

*Specimens examined.* Japan: Okinawa Pref. Iriomote-jima Is.: 11 exs., Ôtomi-rindô, Haiminaka, 26.III.2019, YT; 4 exs., Sonai, 27.III.2019, YT; 1 ex., same locality, 29.III.2019, YT.

*Distribution.* Japan: the Okinawa Isls. (Okinawa-jima Is.) and Yaeyama Isls. (Ishigaki-jima Is.; Iriomote-jima Is. — new record); and Taiwan (KIMOTO & TAKIZAWA, 1994; OTOBE, 2007; LEE *et al.*, 2011).

*Notes.* New to Iriomote-jima Is. This is the third record of this species in the Ryukyus. This rare species has been known to be associated with true sedges (*Carex* spp.) (OTOBE, 2007). In Taiwan, LEE *et al.* (2011) recorded *Carex cryptostachys* as its host plant. In collecting sites, this species was found on *C. breviscapa* (Figs. 3 & 4) and *C. discoidea* growing to the side of a wet and shaded mountain path (Fig. 5).

**References**

- KIMOTO, S., & H. TAKIZAWA, 1994. Leaf Beetles (Chrysomelidae) of Japan. 539 pp. Tokai University Press, Tokyo. (In Japanese, with English title, keys and synonym list.)
- LEE, C.-F., H. SUENAGA & C. L. STAINES, 2011. A review of the genus *Agonita* E. STRAND (Coleoptera, Chrysomelidae, Cassidinae, Gonophorini) of Taiwan. *Japanese Journal of Systematic Entomology, Matsuyama*, **17**: 355–363.
- LEE, C.-F., M. H. TSOU & H. T. CHENG, 2016. The Chrysomelidae of Taiwan, 3. 199 pp. Insect Observation at the Sishou Hills, Taipei. (In Chinese, with English title.)
- OTOBE, H., 2007. [*Agonita omoro* collected from Okinawa-jima Is. in the Ryukyus.] *Gekkan-Mushi, Tokyo*, (442): 5. (In Japanese.)
- TAKIZAWA, H., 1975. Description of new chrysomelid beetles from Ryukyu Archipelago (Coleoptera: Chrysomelidae). *Entomological Review of Japan, Osaka*, **28**: 56–62.

Manuscript received 11 July 2019;  
revised and accepted 22 September 2019.