

A New Record of *Curculio balmeri* PELSUE et ZHANG, 2002 (Coleoptera, Curculionidae) from Yonaguni Is., Japan

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I had a chance to examine an interesting curculionine weevil collected from Yonaguni Island of Okinawa Prefecture, Japan through the courtesy of Dr. Hiraku YOSHITAKE. After a close examination of this specimen, it was identified as *Curculio balmeri* PELSUE et ZHANG, 2002. By this chance, I would like to add it for the first time to Japanese fauna.

I thank Mr. Mamoru SHOYAMA (Taketomi, Okinawa Pref.) who collected this precious weevil and Dr. H. YOSHITAKE (Kyushu Okinawa Agricultural Research Center, NARO, Itoman, Okinawa Pref.) for giving me the opportunity to examine the specimen.

The examined specimen is preserved in the H. YOSHITAKE Collection at the Institute of Agro-Environmental Sciences, NARO, Tsukuba (NIAES).

Curculio balmeri PELSUE et ZHANG, 2002

[Japanese name: Barumâ-shigizoumushi]

(Fig. 1)

Curculio balmeri PELSUE et ZHANG, 2002: 26, figs. 27–28 & 65–66. Type locality: Hong San, Jiangxi, China. — NOTSU, 2013: 292, figs. 5 & 6.



Fig. 1. *Curculio balmeri* from Yonaguni Is., male.

Specimen examined. 1 ♂, Hoan, Yonaguni Is., Okinawa Pref., 23.IV.2006, M. SHOYAMA leg., on inflorescence of *Meliosma arnottiana* subsp. *ordhamii*.

Distribution. Japan (Yonaguni Is.) — new record; China (Jiangxi and Macao) and Taiwan (Taitung and Pintung).

Notes. Up to now, this species has been recorded from China and Taiwan as follows: China (Hong San, Jiangxi; Macao); Taiwan (Kuraru (Kueitzuchiao), Kenting Park, Mudan Township, Tahanshan and Soca, Pintung; Yenping Forest-road, Taitung) (PELSUE & ZHANG, 2002; NOTSU, 2013). I compared the specimen from Yonaguni Island with Taiwanese specimens but no significant differences were observed both in the external and genital features except that the apophysis of the ninth abdominal sternite is thinner in the Yonaguni specimen than in the Taiwanese ones. The difference in thickness seems to be due to differences in maturity. The examined specimen was collected by beating the inflorescence of *Meliosma arnottiana* subsp. *ordhamii* (Sabiaceae) on Yonaguni Island (M. SHOYAMA, pers. comm.). In Taiwan, I collected this species from *Polyspora axillaris* (Theaceae).

References

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