

A New Distributional Record and the First Host Record of *Colobodes rotundicollis* MORIMOTO (Coleoptera, Curculionidae) from Kumejima Is., the Okinawa Isls., Southwestern Japan

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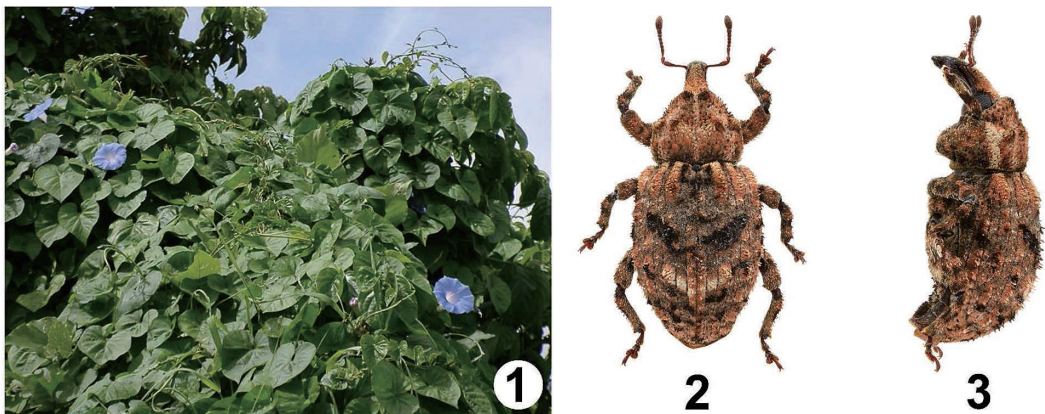
Colobodes rotundicollis MORIMOTO, 1988 was described based on the type series collected from Lanyu Is. off southeastern Taiwan and the Taiwan proper, and Ishigakijima Is. and Iriomotejima Is. of the Yaeyama Isls., Okinawa Pref., southwestern Japan. Since the original description, the species has been recorded from the Tokara Isls., Kagoshima Pref., southwestern Japan (Nakanoshima Is. and Akusekijima Is.) (KOJIMA *et al.*, 2016) but not from the Okinawa Isls. With regards to *Colobodes* weevils, the available ecological data indicate that they are stem and branch borers or phloem feeders of dead trees belonging to the families Euphorbiaceae, Fabaceae, Juglandaceae, Moraceae, Oleaceae, and Ulmaceae (KOJIMA *et al.*, 2012). However, nothing has been known about the ecology of this species until now. In this short report, we record *C. rotundicollis* for the first time from Kumejima Is. of the Okinawa Isls., with the first host plant record for the species. We thank K. MATSUOKA and N. NAKAHARA for their assistance in preparation of the manuscript.

Colobodes rotundicollis MORIMOTO, 1988

(Figs. 1–3)

Colobodes rotundicollis MORIMOTO, 1988, 41 (in key), 46 (type locality: “Hungtou, Lan Hsu, Taitung Hs., Taiwan”); Japan: “Iriomote I.” & “Ishigaki I.”) — SASAKI *et al.*, 2002, 276 (Ishigakijima Is., Iriomotejima Is. & Taiwan).

Colobodes rotundicollis [sic!]: KOJIMA *et al.*, 2016, 221 (records from Nakanoshima Is. & Akusekijima Is.).



Figs. 1–3. Host plant and habitus of *Colobodes rotundicollis* from Kumejima Is., the Okinawa Isls., southwestern Japan. — 1, Blue morning glory, *Ipomoea indica*; 2, dorsal habitus, 3, lateral habitus.

Specimens examined. Japan: the Ryukyus. 2 exs., Kanegusuku, Kumejima Is., Okinawa Isls., N26°33'85.22" E126°76'10.88", 10.I.2017, F. TAKASHIMA leg., as larvae from *Ipomoea indica*, emerged on 20.III.2017.

Distribution. Japan: the Ryukyus (Nakanoshima Is., Akusekijima Is., Ishigakijima Is., and Iriomotejima Is.; Kumejima Is. – new record); Taiwan (Taiwan proper and Lanyu Is.).

Host plant. *Ipomoea indica* (Convolvulaceae) – new record.

Biological note. The specimens collected as last instar larvae from the inside of a lignified live vine of blue morning glory, *Ipomoea indica* (Fig. 1). The host vine displayed no external symptoms of weevil infection.

Before identification, the larvae reared under laboratory conditions until adults with a tuber of sweet potato, *Ipomoea batatas* (Convolvulaceae), indicating that sweet potato can be an alternative food to rear larvae of the weevil.

References

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