

- BATES, H. W., 1883. Supplement to the geodephagous Coleoptera of Japan, chiefly from the collection of Mr. George LEWIS, made during his second visit, from February, 1880, to September, 1881. *Ibid.*, **1883**: 205–290, pl. 13.
- HABU, A., 1955. Über die *Pterostichus*-Arten vom Berg Hiko (Die Carabidenfauna vom Berg Hiko, VII). *Bull. natn. Inst. agric. Sci., Tokyo*, (C), (13): 143–155.
- 1960. Notes and description of the Carabidae from Mt. Hiko and its vicinity (Coleoptera). *Esakia, Fukuoka*, (2): 3–6.
- HIKAWA, F., 1994. On the pterostichine carabid beetles from the mountains of Kyushu. *Gekkan-Mushi, Tokyo*, (281): 29–31. (In Japanese.)
- JEDLIČKA, A., 1962. Monographie des Tribus Pterostichini aus Ostasien (Pterostichi, Trigonotomi, Myadi) (Coleoptera–Carabidae). *Ent. Abh.*, **26**: 177–346.
- NAKANE, T., 1983. The beetles of Japan (new series) 63. *Nat. & Ins., Tokyo*, **18** (8): 11–14. (In Japanese.)
- TANAKA, K., 1985. Carabidae (Pterostichinae). In UENO, S.-I., Y. KUROSAWA & M. SATO (eds.), *Coleoptera of Japan in Color*, **2**: 105–135. Hoikusha, Osaka. (In Japanese.)

Elytra, Tokyo, **22** (2): 237–238, Nov. 15, 1994

A New Subspecies of *Rupa japonica* (Coleoptera, Carabidae) from Okayama Prefecture, Western Honshu, Japan

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The brachypterous platynine carabid beetle, *Rupa japonica* JEDLIČKA, 1935, was described from Mt. Kongō-san in Osaka, Japan. According to ISHIDA (1953) and HABU (1978), it is distributed to the Kinki District of Honshu (Kyoto, Osaka, Mie, Nara and Wakayama Prefectures). Recently, I have examined many examples of this platynine collected in Okayama Prefecture, which is not only the westernmost locality but also new record from the Chûgoku District for the species.

The population of Okayama Prefecture is not different from those of the Kinki District in external features, though the aedeagus is conspicuously different from that of the latter, especially in its denticulate apex, and seems to belong to a new taxon. In the following lines, I will describe it under the name *uncinata* subsp. nov.

I am grateful to Dr. Shun-Ichi UENO of the National Science Museum (Nat. Hist.), Tokyo, for his guidance. Thanks are also due to Messrs. Tatsuya NIISATO, Kôichi NOJIMA and Osamu YAMAJI for their kind help in materials.

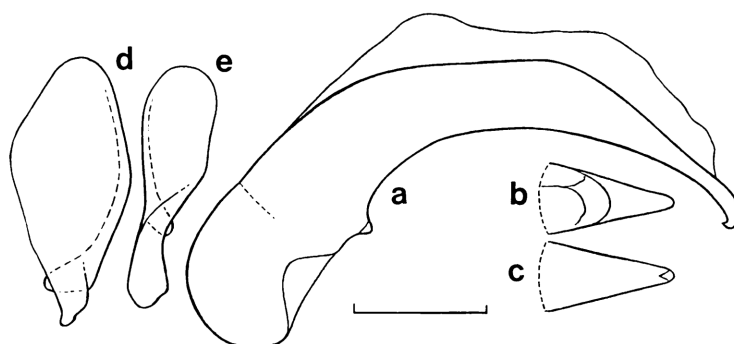


Fig. 1. Male genitalia of *Rupa (Rupa) japonica uncinata* subsp. nov., from Mt. Kenashi-zen in Okayama Pref.; a–c, aedeagus: a, left lateral view; b, apical part in dorsal view; c, apical part in ventral view; d, left paramere; e, right paramere. Scale 0.5 mm.

***Rupa (Rupa) japonica uncinata* subsp. nov.**

(Fig. 1)

Description. Length 9.0–9.9 mm. Width 3.4–4.0 mm. General appearance almost the same as in the nominotypical subspecies. Aedeagus more arcuate than that of the nominotypical subspecies in profile; apical lobe longer than in the nominotypical subspecies, and gently bent downwards in apical half, apex ventrally with a minute but pointed tooth, which is directed backwards; parameres similar to those of the nominotypical subspecies.

Type series. Holotype: ♂, Mt. Kenashi-zen, Shinjō-son, Okayama Pref., 29-V-1993, K. NOJIMA leg. Paratypes: 1♂, 3♀♀, same locality as for the holotype, 1-VI-1994, K. NOJIMA leg.; 1♂, Kumagaya, Kawakami-son, Okayama Pref., 2-X-1988, O. YAMAJI leg.; 4♂♂, 2♀♀, Mt. Yamanori-sen, Chūka-son, Okayama Pref., 10-IX-1994, S. KASAHARA & O. YAMAJI leg.

The holotype is preserved in the collection of the Department of Zoology, National Science Museum (Nat. Hist.), Tokyo. The paratypes are deposited in my cabinet.

Notes. Although the present new subspecies and the nominotypical one cannot be satisfactorily discriminated from each other by their external morphology, they are easily distinguished by evidently different configuration of their aedeagi, of which the apical lobe is bent downwards with its apex ventrally dentate in the former but is simply tapered with edentate apex in the latter.

References

- HABU, A., 1978. Carabidae: Platynini (Insecta: Coleoptera). *Fauna Japonica*. i+viii+447 pp., 36 pls. Keigaku Publishing, Tokyo.
- JEDLIČKA, A., 1935. Neue Carabiden aus Ostasien (8. Teil.). *Čas. Čs. Spol. ent.*, **32**: 31–36.