

Nebria (Orientonebria) coreica SOLSKY (Coleoptera,
Carabidae) in Tochigi Prefecture, Central Japan

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Abstract *Nebria (Orientonebria) coreica* SOLSKY is recorded from Tochigi Prefecture, Central Japan.

Thirty-seven years ago, UÉNO (1952, p. 57) recorded *Nebria (Orientonebria) coreica* SOLSKY (1875, p. 254), one of the rare carabid beetles in Japan, from Nagano Prefecture, Central Japan, but he put an interrogation mark for this record in view of the presence of several differences, mainly in the shape of pronotum, in comparison with Harbin specimens. Since that time, this nebriine has been poorly recorded from Japan.

Recently, the second author collected many specimens of this carabid at Watarase Yûsuichi, Tochigi Prefecture, Central Japan. In this short report, we are going to record this carabid and to show its male genital organ.

Nebria (Orientonebria) coreica SOLSKY

[Japanese name: Chôsen-marukubi-gomimushi]

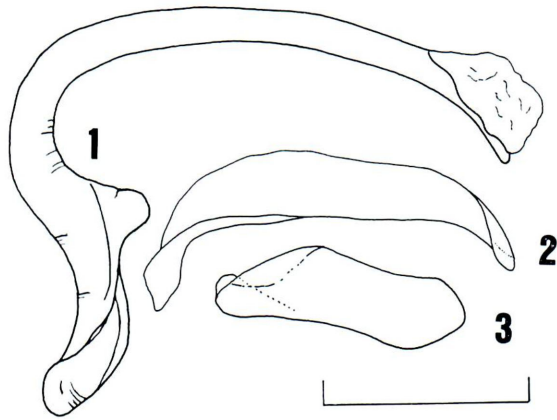
(Figs. 1-3)

Specimens examined. 12 ♂♂, 20 ♀♀, Watarase Yûsuichi, Fujioka-machi, Tochigi Prefecture, Central Japan, 3-V-1988, T. SUDA leg.

Male genital organ is described based on the above specimens.

Aedeagus tubular, slender and strongly sigmoidal in basal 2/5; basal part rather stout with large basal orifice which is widely open and gutter-like; viewed ventrally, apical lobe moderately prolonged and widely rounded at the extremity; right paramere much longer than the left, elongate, with both basal and apical parts strongly curved ventrad; left paramere short and thin.

Judging from the configuration of aedeagus, the Tochigi specimens do not perfectly accord with Siberian ones in having stouter aedeagus, especially at the basal part (according to SHILENKOV's drawing). This, however, seems to fall within the



Figs. 1-3. Male genitalia of *Nebria (Orientonebria) coreica* SOLSKY from Tochigi Prefecture, left lateral view; 1, aedeagus; 2, right paramere; 3, left paramere. (Scale: 1.00 mm.)

range of variation.

In 1975, SHILENKOV erected the subgenus *Orientonebria* for this species and included in it three other East Asian species, *N. chasli* FAIRMAIRE (1886, *Le Naturaliste*, **8**, p. 223) from China, *N. chinensis* BATES (1872, *Ent. month. Mag.*, **9**, p. 52) from China, Korea and Japan, and *N. hikosana* HABU¹⁾ (1956, *Kontyû*, Tokyo, **24**, p. 170) from Kyushu, Japan. However, the male genital organ of *N. coreica*, especially the basal part of its aedeagus, shows some peculiarities and is isolated from those of the latter two species.²⁾ It is possible that they may be segregated in a subgenus of their own. Because of lack of ample material for comparative study, we prefer to refrain from proposing a new subgenus at the present moment.

In closing this short report, we wish to thank Dr. Shun-Ichi UÉNO of the National Science Museum (Nat. Hist.), Tokyo, for his kind reading the original manuscript.

要 約

森田誠司, 須田 亨: チョウセンマルクビゴミムシの栃木県からの記録。—— わが国において採集例の少ないチョウセンマルクビゴミムシ *Nebria (Orientonebria) coreica* SOLSKY を, 栃木県渡良瀬遊水池から記録するとともに, 雄交尾器を図示した。また, 亜属 *Orientonebria* に関する問題点について, 簡単にのべた。

1) Though described by HABU from Mt. Hiko-san, Fukuoka Prefecture, West Japan, it is usually regarded as a subspecies of *N. reflexa* BATES (cf. UÉNO, 1985).

2) We have been unable to see any specimen of *N. chasli*.

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Elytra, Tokyo, **17** (2): 121, November 15, 1989

対馬のニセコガシラアオゴミムシ

森田 誠 司

Seiji MORITA: *Chlaenius kurosawai* KASAHARA
of the Islands of Tsushima, West Japan

長崎県対馬のアオゴミムシ類については、すでに7種が記録されている。筆者の手元に、未記録と思われるニセコガシラアオゴミムシ *Chlaenius kurosawai* KASAHARA の標本があるのでここに記録しておきたい。

1♂, 竜良山, 対馬, 長崎県, 25-VII-1989, M. Itô leg.

この個体は、オサムシ用トラップに、多数のオオキベリアアオゴミムシ *Epomis nigricans* (WIEDEMANN), アトボシアオゴミムシ *Chlaenius naeviger* MORAWITZ とともに得られた。とくに珍しい種類でもなく、また近縁のコガシラアオゴミムシ *C. variicornis* MORAWITZ の記録もあることから、対馬の場合にかぎらず、古い記録では両種が混同されている可能性があると思われる。

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