A Newly Recorded Spider from Japan, *Phaeocedus braccatus* (L. KOCH) (Araneae: Gnaphosidae)

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加村隆英¹⁾: 日本新記録のワシゲモ科の1種,
Phaeocedus braccatus (L. KOCH)

Abstract A gnaphosid species, *Phaeocedus braccatus* (L. KOCH, 1866), is recorded from Nagano and Okayama Prefectures, Japan. The genus *Phaeocedus* is newly added to the Japanese fauna.

In 1980, I collected a spider of a certain species belonging to the family Gnaphosidae from Nagano Prefecture. Having a dorsal scutum on abdomen, this specimen seems to be an adult male. However, unfortunately both palps were broken off and missing. Although I suspected that this spider belongs to *Phaeocedus braccatus* (L. KOCH, 1866) on the basis of the examination of its ocular area, margins of fang furrow and markings of abdomen, I was not convinced of the specific identification because of the lack of palps.

Recently I had an opportunity to examine a male gnaphosid spider collected by Mr. Kouichi NOJIMA from Okayama Prefecture. I identified this spider with *Phaeocedus braccatus* by the structure of its palp. Besides, I compared the two specimens from Nagano and Okayama Prefectures and recognized that they are conspecific with each other.

The genus *Phaeocedus* has never been recorded from Japan. *Phaeocedus braccatus* was well known in Europe (for example, TULLGREN, 1946; LOCKET & MILLIDGE, 1951; GRIMM, 1985; ROBERTS, 1985), and was recorded also from China (HU & WU, 1989) and eastern Siberia (IZMAILOVA, 1989). In this paper, I report this species from Japan for the first time.

The abbreviations used in this paper are as follows: ALE, anterior lateral eye; AME, anterior median eye; MOA, median ocular area; p, proventral; PLE, posterior lateral eye; PME, posterior median eye. Eye size means the length of long axis of an eye, but the measurement of posterior median eye was made at the horizontal level.

Before going further, I wish to express my sincere thanks to Mr. Kouichi NOJIMA, Okayama Pref., for offering an invaluable specimen.

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Accepted July 17, 1995

Phaeocedus braccatus (L. KOCH, 1866)

(Figs. 1-3)

Drassus braccatus L. KOCH, 1866, p. 97, pl. 4, fig. 63.*Phaeocedus braccatus*: SIMON, 1893, p. 370, fig. 327.——TULLGREN, 1946, p. 127, figs. 36-37, pl. 21, figs. 269-271.——LOCKET & MILLIDGE, 1951, p. 106, figs. 50D, 55B, D, E.——ROEWER, 1954, p. 428.——BONNET, 1958, p. 3495.——GRIMM, 1985, p. 158, figs. 1b, 179-183.——ROBERTS, 1985, vol. 1, p. 70, fig. 25c, vol. 3, pl. 23.——PLATNICK, 1989, p. 481; 1993, p. 663.——HU & WU, 1989, p. 281, fig. 226 (3-4).——IZMAILOVA, 1989, p. 108, figs. 92-93.

Description (based on 1♂ from Okayama Pref.). Measurements (in mm). Body length 4.23. Carapace length 1.88, width 1.38. Abdomen length 2.35, width 1.40. Length of legs as shown in Table 1. Eye sizes: AME 0.11, ALE 0.12, PME 0.12, PLE 0.11. Distances between eyes: AME-AME 0.06, AME-ALE 0.01, PME-PME 0.04, PME-PLE 0.07, ALE-PLE 0.04. MOA anterior width 0.26, posterior width 0.28, length 0.30. Clypeus height 0.12.

Figs. 1-3. *Phaeocedus braccatus* (L. KOCH, 1866) (Okayama Pref.).—1. Male body, dorsal view. 2. Left male palp, ventral view. 3. Same, retrolateral view. (Scales: 1, 1.0 mm; 2-3, 0.2 mm.)

Table 1. Measurements of legs of *Phaeocedus braccatus* (L. KOCH, 1866) (♂; in mm).

Leg	Femur	Patella	Tibia	Metatarsus	Tarsus	Total
I	1.25	0.70	0.96	0.84	0.64	4.39
II	1.12	0.67	0.82	0.73	0.59	3.93
III	1.00	0.54	0.64	0.68	0.48	3.34
IV	1.32	0.70	0.98	1.06	0.55	4.61

Ventral spines on legs I and II. Tibiae: I and II 0-0-0 or 0-0-1p; metatarsi: I and II 0-0-0.

Anterior eye row slightly recurved and posterior eye row slightly procurved as seen from above. Chelicera with a carina on promargin of fang furrow, and no tooth on retromargin. Male palp (Figs. 2-3): median apophysis distinct, conductor membranous, retrolateral tibial apophysis truncated apically.

Color. Carapace, chelicerae, palps, endites and labium dark reddish brown. Sternum dusky yellow. Coxae I, trochanters I, and femora I and II dark reddish brown, the other segments of legs I and II and all segments of legs III and IV dusky yellow. Abdomen blackish brown, with three pairs of white markings on dorsum.

Variation. Measurements of 1♂ from Nagano Pref.: Body length 5.03 mm; carapace length 2.20 mm, width 1.58 mm.

Specimens examined. 1♂, Suehiro, Suwa-shi, Nagano Pref., 26. VII. 1980 (T. KAMURA). 1♂, Ōtani-tôge, Okutsu-cho, Tomata-gun, Okayama Pref., 11. VII. 1993 (K. NOJIMA).

Distribution. Japan (Honshu); Palearctic.

摘 要

ワシグモ科の *Phaeocedus braccatus* (L. KOCH, 1866) タソガレトンビグモ (新称) を日本新記録種として報告した。 *Phaeocedus* タソガレトンビグモ属 (新称) のクモが日本から記録されたのは初めてである。

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