

- NISHIMURA, M., & K. ARAI, 1989. On insects recorded on Hahajima and Chichijima, the Bonin Islands in 1987. *Bull. Kanagawa pref. Mus.*, (Nat. Hist.), (18): 35–45. (In Japanese.)
- OHKURA, M., & S.-I. UÉNO, 1955. Harpalidae. In JAPAN COLEOPT. SOC. (ed.), *Coloured Illustrations of the Insect of Japan*, (Coleoptera): 25–45, pls. 6–12. Hoikusha, Osaka. (In Japanese.)
- TANAKA, K., 1985. Pterostichinae, Zabrinae. In UÉNO, S.-I., Y. KUROSAWA & M. SATÔ (eds.), *The Coleoptera of Japan in Color*, 2: 104–139. Hoikusha, Osaka. (In Japanese.)

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Lectotype Designation of *Carabus micros* HERBST (Coleoptera, Trechinae)

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Having examined the type material of *Lasiotrechus discus* (FABRICIUS) in 1973, I found that it was a melange of two similarly looking species, *L. discus* and *Trechoblemus micros* (HERBST). To avoid possible confusion in the future, I then selected the lectotype for the former species in accordance with the traditional usage (UÉNO, 1974).

Next problem to be cleared up was to ascertain whether or not such a situation also exists in the type material of *T. micros*. My study of HERBST's specimens was realized through the courtesy of Dr. F. HIEKE, to whom my sincere thanks are due. However, this was much more difficult than that of FABRICIUS' ones. First of all, the old specimens preserved in the collection of the Zoologisches Museum of the Museum für Naturkunde der Humboldt-Universität zu Berlin were rearranged, and probably remounted in part, by either G. W. F. PANZER or J. K. W. ILLIGER, which makes it difficult to determine which ones were really seen by HERBST and which ones were not.

There are seven specimens, all bearing a white label inscribed "55449", which must be the catalogue number of *T. micros*. Two specimens (♂♂) bear a red label with the words "Panzer/Plesiotypus/Illiger", and one of them also bears a white label inscribed "Germ.

Boruß. [=Borussia=Prussia]". Of the remaining five (2 ♂♂, 3 ♀♀), one male bears a very small white label with the words "*micros* Hbt ? ♀ Berol. [=Berolina=Berlin]". This must not be HERBST's specimen because of the question mark on the label, and the other four may not be original, either, since they are mounted in the same style as the question-marked one. Under this situation, the two specimens with the red label had better be considered original irrespective of the word "Plesiotypus", and I designate the specimen without locality label as the lectotype of *Carabus micros* HERBST=*Trechoblemus micros* (HERBST). I believe that my decision is reasonable, because PANZER sometimes put two red labels "Type Panzer" and "Plesiotypus Panzer" to the same specimen.

Trechoblemus micros (HERBST, 1784)

Carabus micros HERBST, 1784, in FÜESSLY, Arch. Insecteng., 5(2), p. 142; type locality: Berlin.

Trechus (Trechoblemus) micros: GANGLBAUER, 1892, Käf. Mitteleur., 1, pp. 187, 191.

Trechoblemus micros: JEANNEL, 1928, Abeille, Paris, 35, p. 101, figs. 1338–1345.

Other references are omitted.

The lectotype herewith designated perfectly accords with the insect traditionally determined as *T. micros*. It measures 3.95 mm from the apical margin of the clypeus to the apices of the elytra, and has the following standard ratios of body parts: PW/HW 1.27, PW/PL 1.27, PW/PA 1.44, PW/PB 1.32, PB/PA 1.09, EW/PW 1.39, EL/EW 1.71.

References

- GANGLBAUER, L., 1892. Familienreihe Caraboidea. *Die Käfer von Mitteleuropa*, 1: i+I-III+1-557. Carl Gerold's Sohn, Wien.
- HERBST, J. F. W., 1784. Verzeichnis seiner Insektensammlung. *Carabus*. In FÜESSLY, J. C., *Archiv der Insectengeschichte*, Zürich, 5(2): 129–143, pl. 29 (col.).
- JEANNEL, R., 1928. Monographie des Trechinae. Morphologie comparée et distribution géographique d'un groupe de Coléoptères. (Troisième livraison). Les Trechini cavernicoles. *Abeille*, Paris, 35: 1–808.
- UÉNO, S.-I., 1974. The type material of *Lasiotrechus discus* (FABRICIUS) (Coleoptera, Trechinae). *Kontyû, Tokyo*, 42: 269.