

要 約

森田誠司：奄美大島産，新属新種のヒラタゴミムシ。——奄美大島で採集されたヒラタゴミムシに対して，おもに，頭部，前胸背板および腹部末端節の剛毛様式が特異であるために新属を創設し，*Nipponosynuchus abnormalis* と命名した。

References

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Occurrence of *Chaetotrechiana procerus* (Coleoptera, Trechinae) in the Upper Hypogean Zone

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Chaetotrechiana is a remarkable monotypical genus belonging to the *Rakantrechus* lineage of the *Trechiana* group in the Trechinae. Its type species, *Chaetotrechiana procerus* S. UÉNO (1982 a, p. 55, figs. 1-4; 1985, p. 76, pl. 14, fig. 25), was collected only once in an abandoned mine adit in the southwestern part of the Island of Shikoku, south of Nakasuji Depression, where no other anophthalmic trechines had been known (cf. fig. 55 in UÉNO, 1982 b, p. 63). Later visits to the adit did not yield any additional specimens, and since the small hill into which the adit was excavated was levelled from the other side due to the development of an industrial area, this trechine beetle was recognized as an endangered species and was officially

recorded on the Red Data Book of the Japanese Government (cf. UÉNO, 1991, p. 45; also 1992 and 1993). Its occurrence in the upper hypogean zone of the nearby hills was expected in view of the fact that its habitat in the abandoned adit was typically upper hypogean (cf. UÉNO, 1982 a, p. 58), but the expectation was not fulfilled for a long time.

Late in the autumn of 1997, a second habitat of this interesting species was at last located by Yoshiyuki ITÔ on the northeastern slope of Kaigamori Hill (455 m in height) 2.7 km east by south of the type locality. It was the bottom of a scree of shale 70–80 cm below the surface at an altitude of 150 m. Thus, *Chaetotrechiana procerus* is upper hypogean in nature as was expected, and since its occurrence on Kaigamori Hill was confirmed, our anxiety of its extinction was relieved at least for the time being. The collecting data of ITÔ's specimens are as follows:

1 ♀, Kumagoé, 150 m alt., Kujû, Nakamura-shi, Kôchi Pref., 23–XI–1997, Y. ITÔ leg.; 1 ♂, same locality, 29–XI–1997, Y. ITÔ leg. Both preserved in the collection of the Department of Zoology, National Science Museum (Nat. Hist.), Tokyo.

The specimens recorded above agree well with the type series, though the female is smaller (5.10 mm in the length of body) than any specimen of the latter. On the contrary, the male (5.70 mm in the length of body) falls in the known range of variation of the species. These two specimens have four pores in both the internal and external series of setiferous dorsal pores on the left elytron. On the right elytron, however, the male has four pores of the internal and five pores of the external series, while the female bears six pores of the internal and four pores of the external series.

In closing this brief report, I wish to thank Mr. Yoshiyuki ITÔ for his effort to clarify the carabid fauna of Shikoku and for his kindness in submitting this important discovery to me for publication.

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