

Occurrence of the banana stem weevil, *Odoiporus longicollis* (Olivier) (Coleoptera, Dryophthoridae) from mainland Kyushu, Japan

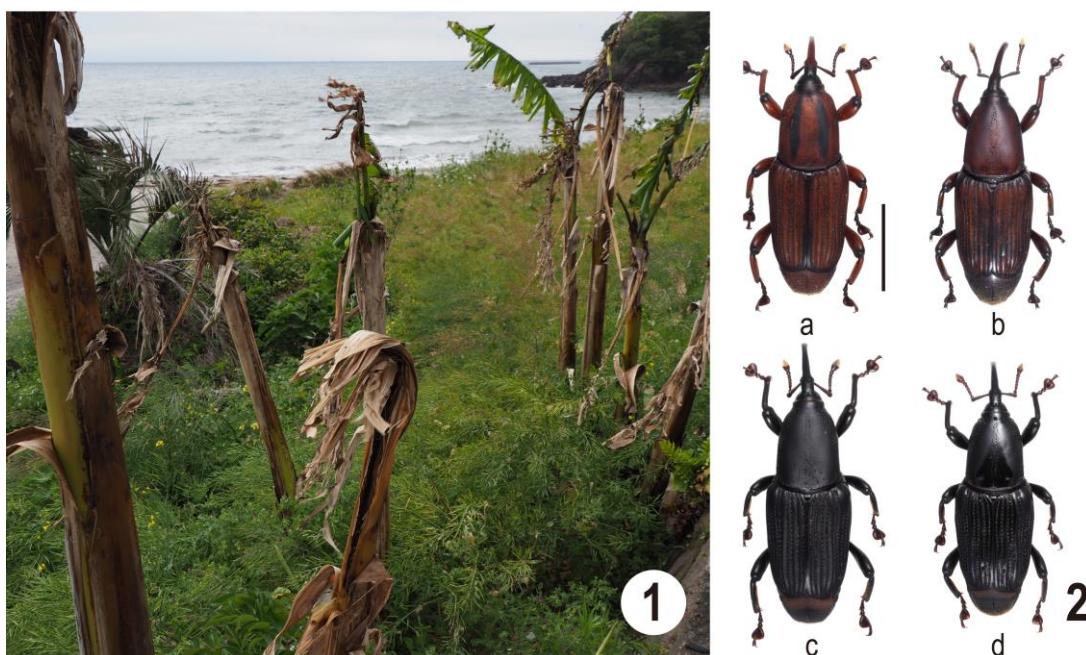
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The banana stem weevil or banana pseudostem weevil, *Odoiporus longicollis* (Olivier, 1807) is a notorious pest of bananas and plantains. The species has been collected in India, Pakistan, Sri Lanka, the Andaman Islands, Myanmar, China, Taiwan, Japan, Thailand, Malaysia and Indonesia (Alonso-Zarazaga & Lyal, 1999; Padmanaban & Sathiamoorthy, 2001; Lyal, 2011). This weevil was collected for the first time in Japan on Okinawa-jima Island. in 1969. Since then, the distribution of the species has expanded to other islands in the Ryukyus, including Amami-Ōshima, Miyako-jima, and Ishigaki-jima (Morimoto, 1988). This exotic species is considered to have been introduced to Okinawa-jima Island from Taiwan in shipments of bananas (Kohama & Takehara, 2002), and is currently known to occur throughout the Nansei Islands, from the Satsunan Islands in the north to the Yaeyama Islands in the south (Sasaki *et al.*, 2002). To date, no records have yet been obtained from the main islands of Japan.

However, the author recently collected this weevil from several localities in the Ōsumi Peninsula, Kagoshima Prefecture, Kyushu, Japan (Figs. 1 & 2). The record of this species in the mainland of Kyushu, is confirmed here for the first time.



Figs. 1-2. Habitat and habitus photos of *Odoiporus longicollis* from the Ōsumi Peninsula, Kagoshima Prefecture, Kyushu. 1, Habitat and infested bananas at Tenjin-chō, Kanoya-shi; 2, habitus of adults, showing color variation (a, male; b-d, female). Scale: 5 mm.

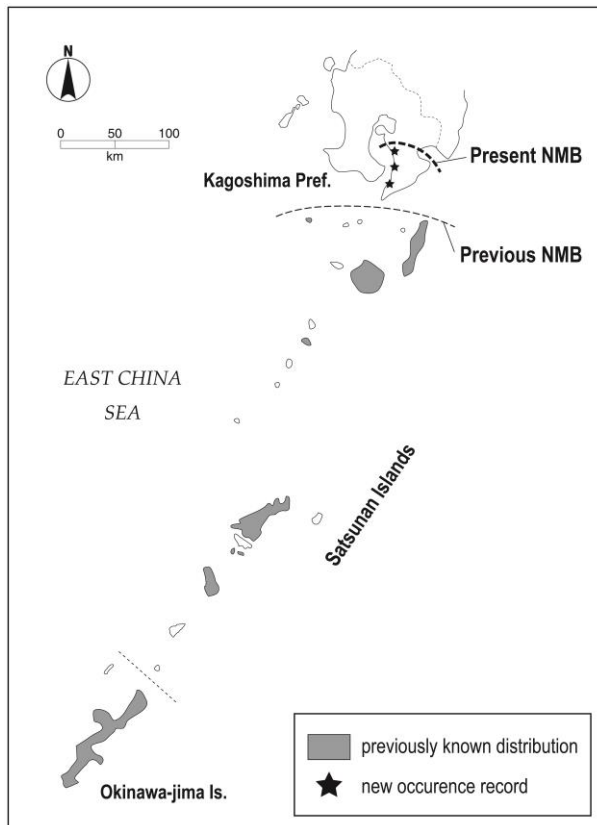


Fig. 3. Distribution and the previous and present northernmost boundaries (NMB) of *Odoiporus longicollis*.

Specimens are deposited in the Laboratory of Entomology, Tokyo University of Agriculture, Atsugi.

Specimens examined. Japan: Kyushu. [Kagoshima Pref.] 11 exs., Tenjin-chô, Kanoya-shi, 10-11.IV.2019, H. Kojima; 9 exs., Kamikawa, Kinkô-chô, 10-11.IV.2019, H. Kojima; 1 ex., Sata-izasiki, Minamiôsumi-chô, 11.IV.2019, H. Kojima.

Remarks. Previously, the Satsunan Islands, which include Satsuma-Kuroshima Island, Yakushima Island, and Tanegashima Island of the Ôsumi Islands, were considered to be the northernmost limit of the distribution range of this pest weevil (Shiba, 2017; Kojima *et al.*, 2019a, b). The discovery of this species in Kyushu therefore represents an extension of the northernmost limit in distribution range of this species (Fig. 3). The Satsuma Peninsula, which faces the Ôsumi Peninsula across Kagoshima Bay, and other areas in the region should therefore be investigated to confirm the occurrence of this dangerous pest. Also, more attention should be paid to the transportation and transplantation of banana seedlings, particularly from weevil-infested areas, in the future.

Acknowledgments

The author thanks Dr. Hiraku Yoshitake of the Kyushu Okinawa Agricultural Research Center (Itoman residence), NARO, Itoman, Messrs. Naomichi Tsuji and Shunsuke Imada of the Kyushu University Museum, Fukuoka, and Profs. Koichi Tanaka and Tadashi Ishikawa of Tokyo University of Agriculture, Atsugi for their valuable suggestions. This study was supported in part by a grant from JSPS KAKENHI (19K06790; Principal investigator: Kei Matsubayashi).

要 約

小島弘昭：九州本土からのバナナツヤオサゾウムシ（甲虫目オサゾウムシ科）の発見。—— バナナの重要害虫であるバナナツヤオサゾウムシを鹿児島県大隅半島の数ヵ所で発見したので、九州本土初記録として報告した。今回の発見により本種の分布北限がさらに北上した。本種の分布実態を明らかにするために鹿児島湾を挟んだ対岸の薩摩半島や近隣地域の調査が望まれる。また、今後本種が生息している地域からのバナナ苗の輸送、移植には細心の注意を払う必要がある。

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