

## ***Pachyrhynchus infernalis* FAIRMAIRE (Coleoptera, Curculionidae, Entiminae) Collected on Kumejima Island in the Central Ryukyus, Japan**

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*Pachyrhynchus infernalis* FAIRMAIRE, 1897 is a Pachyrhynchini weevil endemic to the Yaeyama Islands (the islands of Ishigakijima and Iriomotejima) in the southern Ryukyus, southwestern Japan. This weevil is known to feed on *Glochidion obovatum* (Phyllanthaceae; Kankonoki in Japanese) (MORIMOTO, 1984) and as a pest of mango and starfruit in Ishigakijima Island (ÔSHIRO, 1991). In August 2019, the second author collected this weevil on Kumejima Island in the central Ryukyus, as recorded below. We thank Hiroyuki NAKAMURA (Mushi-sha, Tokyo) for his help while preparing the manuscript.

### ***Pachyrhynchus infernalis* FAIRMAIRE, 1897**

[Japanese name: Kuro-kata-zômushi]

*Pachyrhynchus infernalis* FAIRMAIRE, 1897, 70 (type locality: “Île d’Ishigaki-Sima”); ÔSHIRO, 1991, 19 (biology); MORIMOTO, 2015, 42-fig. 355 (dorsal habitus), pl. 108-figs. A–I (body parts) & 584 (diagnosis, distribution & biology). See MORIMOTO (2015) for other synonymy.

*Specimen examined.* Japan: the Ryukyus. [Kumejima Is.] 1 ex., Yamagusuku, 24.VIII.2019, T. TSUCHIYA leg.

*Distribution.* Japan: the Ryukyus (Ishigakijima Is. and Iriomotejima Is.; introduced to Kumejima Is. — new record).

*Remarks.* The examined specimen was collected at night by sweeping a banana trap set high up in a *Castanopsis* tree (Fagaceae). The discovery of *P. infernalis* from Kumejima Island was quite unexpected for us, since this flightless weevil with low dispersal ability lives in and around natural forests and had long been known only from the islands of Ishigakijima and Iriomotejima in the Yaeyama Islands, which are rather distant from Kumejima Island. ÔSHIRO (1991) reported that this weevil attacked mango and starfruit in Ishigakijima Island and bored into the stems of those trees at the larval stage. The collecting site in Kumejima Island is located near citrus and mango groves. This species might probably be accidentally introduced from the Yaeyama Islands to Kumejima Island through agricultural activity such as nursery tree transportation. Further survey is necessary to elucidate its current distribution in this island.

### **References**

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