

Occurrence of *Agrilus shibatai* Y. KUROSAWA (Coleoptera, Buprestidae) in Taiwan

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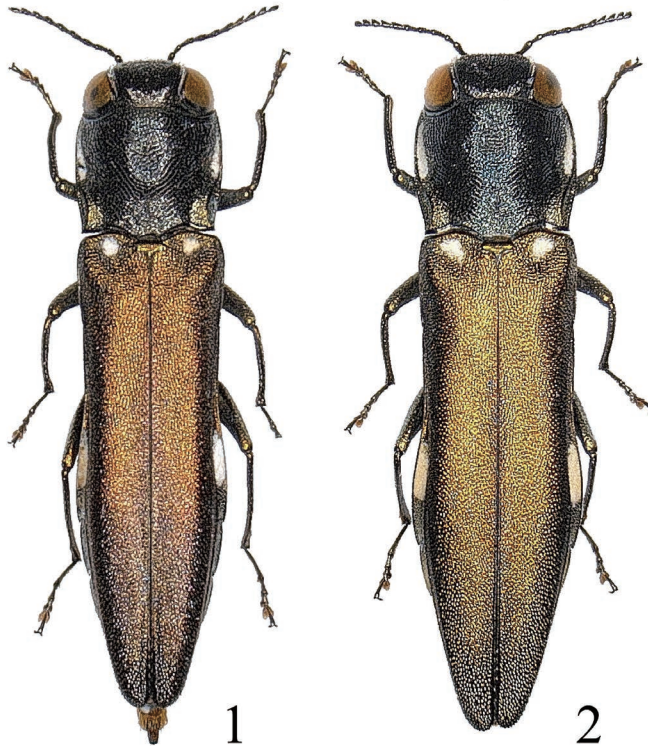
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Agrilus shibatai Y. KUROSAWA, 1964 belonging to the tribe Agrilini, subfamily Agrilinae (Coleoptera, Buprestidae) has hitherto been recorded from Japan (the Ryukyus: Amami-Ōshima, Okinawajima, Ishigakijima, Iriomotejima and Yonagunijima Isls.) (OHMOMO & FUKUTOMI, 2013). In October 2015, the second and third authors collected this species for the first time from Taiwan, as recorded below.

Before going further, we thank W.-C. YEH, H.-H. SHIH, and W.-C. CHANG for their various help during the field survey. The first author would like to express his appreciation to Prof. H. KOJIMA and Associate Prof. T. ISHIKAWA of the Laboratory of Entomology, Tokyo University of Agriculture for their constant guidance.



Figs. 1–2. *Agrilus shibatai* Y. KUROSAWA from Taiwan. — 1, Male; 2, female.

Agrilus shibatai Y. KUROSAWA, 1964

[Japanese name: Shibata-naga-tamamushi]

(Figs. 1, 2)

Agrilus hornianus shibatai Y. KUROSAWA, 1964: 323 (type locality: "Hatsuno, Amami-Oshima").*Agrilus shibatai* AKIYAMA & OHMOMO, 1997: 38. — BELLAMY, 2008: 2291 (in catalogue; "PAL Japan Hokkaido Loo-Choo Islands Ryūkyū Islands"). — OHMOMO & FUKUTOMI, 2013: 148, pl. 39 (in pictorial book; Amami-Ōshima, Okinawajima, Ishigakijima, Iriomotejima, Yonagunijima Isls.). — JENDEK, 2016: 543 (in catalogue; Japan).*Specimens examined.* 1 ♂, 1 ♀, Taiwan, Pingtung County, Hengshun Township, Kenting National Forest Recreation Area, Visiting Area I (Dormitory to Viewing Tower), 13.X.2015, H. YOSHITAKE leg.*Distribution.* Japan (the Ryukyus: Amami-Ōshima, Okinawajima, Ishigakijima, Iriomotejima and Yonagunijima Isls.); Taiwan — new record.*Notes.* At first, we suspected that the two specimens from Taiwan belonged to *Agrilus hornianus* KERREMANS, 1912, with which *A. shibatai* was considered to be conspecific in the original description (Y. KUROSAWA, 1964). However, we identified these specimens as *A. shibatai*, based on comparison with the images of a syntype of *A. hornianus* (National Museum of Natural Science, Taichung, 2017). The syntype of *A. hornianus* bears a conspicuous median projection at the apex of pygidium, whereas each of the specimen examined lacks a projection on the pygidium. In Japan, *A. shibatai* were captured from April to July on *Castanopsis sieboldii lutchuensis* (Okinawajii, in Japanese), the host plant of this species (JENDEK & GREBENNIKOV, 2011; OHMOMO & FUKUTOMI, 2013).JENDEK (2003) treated *A. hokkaidoensis* TŌYAMA, 1985 as a junior synonym of *A. shibatai*. However, OHMOMO & FUKUTOMI (2013) revised the taxonomic identity of *A. hokkaidoensis* and treated it as a good species differing from *A. shibatai*, based on differences between the two in distribution range, which is limited in Hokkaido (*A. hokkaidoensis*) or in the Ryukyus (*A. shibatai*), and structures of the prosternal process, which is lingulate (*A. hokkaidoensis*) or rectangular (*A. shibatai*).

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Manuscript received 27 February 2017;
revised and accepted 22 March 2017.