



The identity of jewel bugs described by Shonen Matsumura from Taiwan (Hemiptera: Heteroptera: Scutelleridae)

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Abstract

Shonen Matsumura (1872–1960) Japanese entomologist described four species of jewel bugs (Hemiptera: Heteroptera: Scutelleridae) from Taiwan in 1913. One of them has already been recognized as synonym whilst the identity of three species remained unknown so far. Based on the type material deposited at Hokkaido University, Sapporo, Japan, Matsumura's species are documented and their identities are clarified. The following new synonymies are proposed: *Chrysocoris (Fitha) fascialis* (A. White, 1842) = *Lamprocoris giranensis* Matsumura, 1913, syn. n.; *Lamprocoris (Lamprocoris) lateralis* (Guérin-Méneville, 1838) = *Chrysophara formosana* Matsumura, 1913, syn. n.; *Poecilocoris druræi* (Linnaeus, 1771) = *Poecilocoris watanabei* Matsumura, 1913, syn. n. Lectotype is designated for *Chrysophara formosana*. *Lamprocoris lateralis* is recorded for the first time from Laos and Vietnam.

Key words: Heteroptera, Scutelleridae, Shonen Matsumura, Taiwan, taxonomy, new synonymy

Introduction

Shonen Matsumura (born in Akashi, Hyōgo Prefecture, Japan, 5 March 1872, died in Tokyo, Japan, 7 November 1960) was an outstanding personality of the early period of Japanese entomology. He described more than 1200 species, first of all of Lepidoptera and Hemiptera, but also of various other insect orders. He published more than 240 articles and 35 books in entomology, the best known of them being the 12 volumes of the monumental *Thousand Insects of Japan*, published between 1904 and 1921. He is also well known of his outstanding collecting activity. Brief biographies of Matsumura were published, among others, by Uchida & Watanabe (1961), Hasegawa (1967), and Herman (2001). Matsumura's collection is preserved at Hokkaido University, Sapporo, Japan.

In 1913, Matsumura described four species of jewel bugs (Hemiptera: Heteroptera: Scutelleridae) from Taiwan (Matsumura 1913). One of them, *Poecilocoris quindecimguttatus* has already been placed in synonymy (Esaki 1926). The three other species, namely *Lamprocoris giranensis*, *Chrysophara formosana*, and *Poecilocoris watanabei*, remained species inquirendae until now.

Through the kind cooperation of Kazunori Yoshizawa, assistant professor at Department of Systematic Entomology, Graduate School of Agriculture, Hokkaido University, we had the opportunity to examine the holotypes of Matsumura's jewel bugs of doubtful identity. The type specimens are documented, the identities of the respective species are clarified, and new synonymies are proposed in this paper.