

## The Flower Bug Genus *Cardiastethus* (Insecta: Heteroptera: Anthocoridae) from the Ogasawara Islands, Japan

Kazutaka Yamada<sup>1,2</sup> and Toshiya Hirowatari<sup>1</sup>

<sup>1</sup> Entomological Laboratory, Graduate School of Life and Environmental Sciences,  
Osaka Prefecture University, Gakuen-cho 1-1, Sakai, Osaka, 599-8531 Japan

<sup>2</sup> Present address: Tokushima Prefectural Museum,  
Bunka-no-mori Park, Hachiman-chô, Tokushima, 770-8070 Japan  
E-mail: yamada-kazutaka-1@mt.tokushima-ec.ed.jp (KY);  
hirowat\_t@envi.osakafu-u.ac.jp (TH)

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Three species of the genus *Cardiastethus* Fieber, 1860 are recorded from the Ogasawara Islands, Japan, where no species of the genus has hitherto been known: *C. exiguus* Poppius, 1913, *C. minutissimus* Usinger, 1946, and *C. yasunagai* sp. nov. The new species is fully described and illustrated. A diagnosis is given for each of the two former species. A key to distinguish the three local species is given.

**Key Words:** Heteroptera, Anthocoridae, *Cardiastethus*, new species, new record, Ogasawara Islands.

### Introduction

The flower bug genus *Cardiastethus* Fieber, 1860, of the tribe Dufouriellini in the family Anthocoridae, is distributed widely, mainly in the tropics and subtropics, and comprises 45 known species (Péricart 1972). Seven of these species are known to occur in the Palearctic region (Péricart 1996), including three East Asian species from Taiwan and Japan. In Japan, Hiura (1960) first recorded a species of the genus as *C. pygmaeus pygmaeus* Poppius, 1914, which is now considered to be a junior synonym of *C. exiguus* Poppius, 1913 (cf. Carayon 1976).

Recently we examined material of *Cardiastethus* collected in the Ogasawara Islands, Japan, situated to the north of Micronesia. Although *C. minutissimus* Usinger, 1946 has been recorded from Micronesia (the Mariana and Caroline Islands) (Usinger 1946; Herring 1967), no species of the genus has been known from the Ogasawara Islands. We found three species in our material, two of which were identified as *C. exiguus* and *C. minutissimus*, while the other was proved to be an undescribed species. In the following text, diagnostic characters of *C. exiguus* and *C. minutissimus* are given, based on the specimens from the Ogasawara Islands, and the new species is described under the name *C. yasunagai*. A key to these three species is provided. Carayon's (1957) terms are mainly adopted in describing external features.