

Fulvius stysi, a new species of Cylapinae
(Hemiptera: Heteroptera: Miridae)
from Papua New Guinea

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Abstract. A new species of the genus *Fulvius* Stål, 1862, *F. stysi* sp. nov., is described from Baiteta Forest, Madang Province, Papua New Guinea. The male and female genital structures are illustrated.

Key words. Heteroptera, Miridae, Cylapinae, *Fulvius stysi*, taxonomy, new species, genitalia, Papua New Guinea

Introduction

Fulvius Stål, 1862 is one of the most numerous and most diverse genera within the subfamily Cylapinae of the family Miridae. Representatives of the genus occur worldwide, mainly in warm regions, but a few species are also known from temperate zones in the Palearctic and Nearctic regions (CHÉROT et al. 2006, GORCZYCA 2006, YASUNAGA & MIYAMOTO 2006). The biology of *Fulvius* species is little known. Some probably are predators of small invertebrates, whereas other species have been reported from orchids and fungi (GORCZYCA 2006). Recently three groups of species have been established within the genus: *anthocoroides*-complex, including mainly Old World species, *bisbistilatus*-complex for Neotropical species and *bifenestratus*-complex for Oriental and Australian species (SADOWSKA-WODA 2005, GORCZYCA 2006).

Among material collected in Papua New Guinea and housed in the Institut Royal des Sciences Naturelles de Belgique (Brussels, Belgium), we found several representatives of the genus *Fulvius*. Three of these specimens represent a new species, which is described below.

Taxonomy

Fulvius stysi sp. nov.

(Figs. 1-4)

Type locality. Papua New Guinea, Madang Province, Baiteta Forest.

Type material. HOLOTYPE: ♂, 'Holotype *Fulvius stysi* n. sp. CHÉROT & GORCZYCA, 2008 // Coll. I. R. Sc. N. B. / Canopy Mission Papua / New Guinea (Madang / prov.) Baiteta / 1995, Fogging, AR14 / Leg. *Olivier Missa*' [the code number