



First record of the tribe Keroplatini from China, with descriptions of two new species (Diptera: Keroplatidae)

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Abstract

This is the first report of the tribe Keroplatini in China. Two new species are described: *Platyroptilon wui*, Cao, Xu et Evenhuis, **n. sp.** and *Setostylus chinensis* Cao, Evenhuis et Zhou **n. sp.** Another species, *Heteropterna septemtrionalis* (Okada), is newly recorded in China.

Key words: Keroplatidae, Keroplatini, new species, China

Introduction

Examination of numerous specimens in the entomological collection of Zhejiang Forestry College, Lin'an, Zhejiang, China (ZJFC) has revealed two new species and one newly recorded species of keroplatids of the tribe Keroplatini: *Platyroptilon wui*, **n. sp.**, *Setostylus chinensis*, **n. sp.** and *Heteropterna septemtrionalis*. These are first records of the tribe Keroplatini from China. Undoubtedly, this is a significant addition to the knowledge of tribe Keroplatini in Southeast Asia and more species await discovery in China.

Material and methods

Specimens were collected by sweeping and Malaise traps and preserved in 80% ethanol. Holotypes and paratypes of new species in this study are deposited in ZJFC. Morphological terminology follows that of Söli *et al.* (2000).

Descriptions of species

Platyroptilon Westwood, 1850

This is a rather small genus of keroplatids with characteristic pectinate antennae. They are represented by about 13 species (not including the species dealt with here) found primarily pantropically (Evenhuis, 2006).