

New species of *Hybos* Meigen from Guangdong Province, South China (Diptera: Empididae)

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Abstract

The following three new species of the genus *Hybos* Meigen, from Guangdong Province, China, are described as new to science: *Hybos mangshanensis*, *H. nankunshanensis*, *H. xiaohuangshanensis*. Their relationships with related species are discussed.

Key words: Diptera, Empididae, Hybotinae, *Hybos*, new species, Guangdong

Introduction

The cosmopolitan genus *Hybos* Meigen, 1803, belongs to the subfamily Hybotinae (Diptera: Empididae), and is characterized by the following features: proboscis long and spine-like, anal cell longer than basal cell, Rs rather short, and R₄₊₅ and M₁ divergent apically (Chvála 1983). When last catalogued, 37 species were known from the Oriental realm (Smith 1975) and nine from the Palaearctic realm (Chvála & Kovalev 1989). Since then, for China alone, that number has increased to 85 described species (Yang & Yang 2004).

The Guangdong Province has a subtropical to tropical climate, belonging to the southern region of China in the Oriental realm. Five species of *Hybos* were reported from this region recently by Liu *et al.* (2004). Herein, three new species are added for the fauna. The types of the new species are deposited in the Entomological Museum of China Agricultural University (CAU), Beijing.