

A review of the genus *Cladotanytarsus* Kieffer from China, with the description of three new species (Diptera: Chironomidae: Tanytarsini)

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Abstract

The genus *Cladotanytarsus* from China, including 12 species, is reviewed. Three new species *C. bisetus*, *C. dilatus*, and *C. paratrirdorsum* are described and figured. *Cladotanytarsus conversus* (Johannsen), *C. digitalis* Wang & Zheng, *C. frontalis* Wang & Zheng, *C. nigrovittatus* (Goetghebuer), *C. palmatus* Wang & Zheng, *C. parvus* Wang & Zheng, *C. pseudomancus* (Goetghebuer), *C. vanderwulpi* (Edwards), and *C. yunnanensis* Wang & Zheng are reexamined. A key to the males of *Cladotanytarsus* from China is presented.

Key words: Diptera, China, Chironomidae, *Cladotanytarsus*, new species

Introduction

The genus *Cladotanytarsus* was erected by Kieffer in 1921. The type species was established as *Cladotanytarsus pallidus* (Kieffer) in 1922. To date, 69 species have been described from all zoogeographical regions (Sublette & Sublette 1973, Freeman & Cranston 1980, Bilyi & Davies 1989, Ashe & Cranston 1990, Oliver et al. 1990, Sasa & Kikuchi 1995, Spies & Reiss 1996, Sasa 1998, Sæther et al. 2000). Wang (1987) and Xie (1988) described the larvae of *C. viridiventris* (Malloch) from Qinghai Province (an unconfirmed record, most likely misidentified) and *C. mancus* (Walker) from Liaoning Province, respectively. Wang & Zheng (1990) described a new species (*C. yunnanensis*) from China. Subsequently, Wang & Zheng (1993) described 4 additional new species and examined 4 newly recorded species of the genus from China. In Wang's (2000) checklist, the new record for *C. atridorsum* Kieffer applied to a new species. In the present paper, the genus *Cladotanytarsus* in China is reviewed. Based on the specimens collected in recent years, 3 new species are described and figured and 9 previously recorded species are reviewed. A key to the males of Chinese *Cladotanytarsus* is provided.