

A review of the genus *Rheotanytarsus* Thienemann & Bause from China (Diptera: Chironomidae: Tanytarsini)

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Abstract

The male imagines of 15 *Rheotanytarsus* species from China, including 8 new species (*R. aphelus*, *R. apiculus*, *R. brevipalpus*, *R. bullus*, *R. fundus*, *R. liuae*, *R. polychaetus*, *R. quadratus*), are described and figured. *Rheotanytarsus buculicaudus* Kyerematen & Sæther and *R. tamatertius* Sasa are new records for China. *Rheotanytarsus acerbus* (Johannsen), *R. aestuarius* (Tokunaga), *R. muscicola* Thienemann, *R. pentapodus* (Kieffer), and *R. tamaquartus* Sasa are re-examined. A key to male imagines of Chinese *Rheotanytarsus* is presented.

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

Introduction

The genus *Rheotanytarsus* was established by Thienemann & Bause in 1913. To date, 108 species have been described from all zoogeographic regions (Sublette and Sublette 1973; Freeman & Cranston 1980; Ashe & Cranston 1990; Oliver et al. 1990; Sasa & Kikuchi 1995; Sasa 1998; Kyerematen 1999; Kyerematen & Sæther 2000; Kyerematen, Anderson & Saether 2000; Sæther et al. 2000; Andersen & Kyerematen 2001; Kyerematen & Andersen 2002; Sæther & Kyerematen 2001). Wang & Zheng (1993) described four species of the genus from China. In Wang's (2000) checklist, five species, including a larva of *R. exiguus* (Johannsen), were recorded from China. In the present paper, the species of the genus recorded from China are reviewed. Based on the specimens collected in recent years, eight new species are described, two species are recorded from China for the first time, and five previously recorded species are redescribed. A key to male imagines of Chinese *Rheotanytarsus* is provided.