

A new species of genus *Gilliesia* Peters & Edmunds from China (Ephemeroptera: Leptophlebiidae)

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Abstract

Gilliesia pulchra n. sp., the second known species of the genus *Gilliesia* Peters and Edmunds, is described from male and female imagos collected in Southwestern China. The new species represents a new generic record for this country and extends the known distribution of the genus east across the Himalayan Mountains.

Key words: *Gilliesia*, Leptophlebiidae, Ephemeroptera, China, *Gilliesia pulchra* new species

Introduction

The genus *Gilliesia* was established by Peters and Edmunds in 1970 based on a previously known species originally described in the genus *Thraulius*, *Gilliesia hindustanica* (Gillies, 1951). Published records include the type locality in Northern India (West Bengal, Darjeeling District, Mirik) and additional specimens from Assam (Arunachal Pradesh, formerly N.E. Frontier Agency) (Peters and Edmunds 1970). In 2000, a new species of this genus was collected from Jing-Fu-Shan mountain of Mainland China. It is described herein from imagos. The new species represents a new generic record for China.

Gilliesia pulchra n. sp.

Male imago (in alcohol): body length 7.5 mm, fore leg 12.5 mm, fore wing 8.0 mm, hind wing 1.2 mm. Compound eyes dark basally and gray apically; antennae pale, ocelli pale apically with basal reddish ring. Vertex of head and pronotum pale. Mesonotum pale, with 2 pairs of brown round dots, one pair located near anterior margin, the other two near pos-