

Redescription of the type of *Siphonurus davidi* (Navás, 1932) (Ephemeroptera: Siphonuridae)

MICHEL SARTORI¹ & JANICE G. PETERS²

¹ Museum of Zoology, PO Box 448, CH-1000 Lausanne 17, Switzerland; michel.sartori@serac.vd.ch

² Entomology, Florida A & M University, Tallahassee, FL 32307, USA; janice.peters@famu.edu

Abstract

The type specimen of *Siphonurus davidi* (Navás, 1932, sub. nom. *Siphuriscus* ? *davidi*), a male subimago deposited in the Paris Museum, is redescribed. Based on the entire male styliiger plate, a hind wing shorter than ½ the length of the forewing, and the distal position of vein MA of the hind wing, the present placement in *Siphonurus* is considered valid pending discovery of other stages. *Siphonurus davidi* will key to *S. palearcticus* and *S. binotatus* in recent keys from which it is distinguished by the greater width of the hind wing and the absence of prolonged projections on terga 8 and 9.

Key words: Ephemeroptera, Siphonuridae, *Siphonurus davidi*, redescription

Introduction

The species *Siphuriscus* ? *davidi* Navás, 1932 was described from a single male subimago collected from China in 1875. Based on generalities of wing venation and locality information for what is considered a weak description, Zhou and Peters (2003) provisionally transferred the species to *Siphonurus davidi* pending its redescription. The male subimago is deposited in the Muséum National d'Histoire Naturelle (Paris) and, through the kindness of Dr Jean Legrand, we were able to study the specimen.

It is a male subimago in rather good condition. However, when shipped from Paris to Lausanne, the already delicate left wing broke at the point where the left foreleg was glued to the wing. The apical part was unfortunately lost, but thanks to the curator's wisdom and foresight, we have an excellent photograph of the wing which he made before sending the specimen (Fig. 6).