

***Allocapnia sano*, a new species of snowfly (Plecoptera: Capniidae) from Alabama, U.S.A., plus six new state records**

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Abstract

A new eastern Nearctic snowfly species of the genus *Allocapnia* Claassen (Plecoptera: Capniidae) is described from Alabama, U.S.A. The male of the new species, *A. sano*, is distinguished from closely-related *A. loshada* Ricker and *A. sequatchie* Kondratieff and Kirchner by terminalia characters. In addition, new Alabama state records are reported for *Zealeuctra fraxina* Ricker & Ross, *Amphinemura appalachia* Baumann, *A. mockfordi* (Ricker), *A. wui* (Claassen), *Oemopteryx contorta* (Needham & Claassen), and *Alloperla chloris* Frison.

Key words: Plecoptera, *Zealeuctra fraxina*, *Allocapnia sano*, *Amphinemura appalachia*, *Amphinemura mockfordi*, *Amphinemura wui*, *Oemopteryx contorta*, *Alloperla chloris*, Alabama

Introduction

The eastern Nearctic snowfly genus *Allocapnia* Claassen is comprised of 43 species (Stark & Baumann 2005). The benchmark revision by Ross & Ricker (1971) included several new species descriptions and formation of species groups. New species have since been described by Kirchner (1980, 1982), Kondratieff & Kirchner (2000), Kondratieff & Voshell (1981), and Poulton & Stewart (1987). A recent collecting trip to Alabama, U.S.A., yielded a new species of *Allocapnia*. The type material is deposited in the insect collections of the Illinois Natural History Survey (INHS) and at Western Kentucky University (WKU).

***Allocapnia sano* sp. nov.**
(Figs. 1A–D).

Male. Body length 4.0–4.5 mm. Wings reaching 7th or 8th abdominal tergite. Dorsal