

A new species of *Caenis* (Ephemeroptera: Caenidae) from Florida, USA

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Abstract

Caenis eglinensis new species is described from nymph and adults, and its relationships with other North American species of the genus are discussed.

Key words: *Caenis*, Ephemeroptera, Caenidae, Eglin Air Force Base, new species

Resumen

Se describen la ninfa y los imagos de *Caenis eglinensis* especie nueva y se discute su relación con otra especies Norteamericanas del genero.

Introduction

Provonsha (1990) provided a comprehensive taxonomic review of North American *Caenis* and recognized 11 species. The addition of *C. arwini* McCafferty and Davis, based on mature nymphs and eggs from Texas (McCafferty & Davis, 2001) yields a total of twelve *Caenis* species presently known in North America. Of the twelve species, five [(*C. amica* Hagen, *C. diminuta* Walker, *C. hilaris* (Say), *C. macafferti* Provonsha, and *C. punctata* McDunnough)] occur in Florida (Pescador & Richard, 2004). In this paper, we describe a new species of *Caenis* based on mature nymphs and adults collected from streams in the western panhandle of Florida, USA.