Two new species of *Choroterpes* Eaton (Ephemeroptera: Leptophlebiidae) from Costa Rica

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Abstract

*Choroterpes gregoryi* new species (type locality: Maquenco, Costa Rica) and *Choroterpes mairena* new species (type locality: Cuajiniquil, Costa Rica) (Ephemeroptera: Leptophlebiidae: Atalophlebiinae) are described from imagos and nymphs. Both species occur along the west coast of Costa Rica in streams on or near the Nicoya Complex. *Choroterpes mairena* is adapted to living in temporary streams with long dry seasons, while *Choroterpes gregoryi* is found in permanent streams. Both species occur in pools with extensive leaf packs.

Key words: *Choroterpes*, Ephemeroptera, Leptophlebiidae, Osa, Nicoya, Santa Elena, new species, temporary streams, biogeography

Introduction

In the Western Hemisphere, the cosmopolitan genus *Choroterpes* Eaton is known from