

New species and records of *Ulmeritoides* (Ephemeroptera: Leptophlebiidae) from Costa Rica

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Abstract

Ulmeritoides acosa **new species** (type locality: La Palma, Costa Rica) and *Ulmeritoides chavarriae* **new species** (type locality: Santa Elena, Parque Nacional Santa Rosa, Costa Rica) (Ephemeroptera: Leptophlebiidae) are described from imagos and nymphs. Both species occur along the west coast of Costa Rica, and both are adapted to living in temporary streams. Additional localities are given for *Ulmeritoides guanacaste* Domínguez and *Ulmeritoides tifferae* Domínguez, and a key is given for adults and nymphs of the four Costa Rican species of *Ulmeritoides*.

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

Resumen

Se describe de imagos y ninfas *Ulmeritoides acosa* **especie nueva** (localidad tipo: La Palma, Costa Rica) y *Ulmeritoides chavarriae* **especie nueva** (localidad tipo: Santa Elena, Parque Nacional Santa Rosa, Costa Rica) (Ephemeroptera: Leptophlebiidae). Ambas especies se encuentran a lo largo de la costa oeste de Costa Rica, y ambas están adaptadas para vivir en quebradas temporales. Se presentan localidades adicionales para *Ulmeritoides guanacaste* Domínguez y *Ulmeritoides tifferae* Domínguez, y se presentan claves para adultos y ninfas de las cuatro especies de *Ulmeritoides* en Costa Rica.

Introduction

The genus *Ulmeritoides* Traver currently contains ten species with a very disjunct range from Argentina to Costa Rica. Six species are known from northern Argentina to southern Brazil, a single species is known from Surinam, another was recently described from