



## Two new Species of *Tricorythodes* Ulmer (Ephemeroptera: Leptoxyphidae) from Colombia

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### Abstract

At present 17 species of *Tricorythodes* Ulmer are known from South America. Two new species are described here from Colombia: *T. uniandinus* sp. nov. from nymphs and imagines of both sexes, and *T. capuccinorum* sp. nov. from males and females imagines. A brief diagnosis and illustrations to distinguish both species from the other of the genus are given.

**Key words:** Leptoxyphidae, Neotropic, mayfly, Taxonomy, Colombia

### Introduction

The genus *Tricorythodes* Ulmer (1920) includes 17 species occurring in South America: *T. arequita* Traver, *T. bullus* Allen, *T. hiemalis* Molineri, *T. mirca* Molineri, *T. ocellus* Allen & Roback, *T. popayanicus* Domínguez, *T. quizeri* Molineri, *T. santarita* Traver, *T. yura* Molineri, *T. trifasciatus* Molineri & Zúñiga, *T. zunigae* Molineri. These eleven species are known from all the stages. *Tricorythodes barbatus* Allen, *T. cristatus* Allen, *T. curiosus* (Lugo-Ortiz & McCafferty), *T. nicholsae* (Wang et al.), and *T. molinerii* Dias & Salles are known from nymphs. Only *T. lichyi* Traver is known from imagines (Molineri (2002; 2005), Dias and Salles (2005), Molineri and Zúñiga (2006)).

In the present paper two new species from Colombia are described: *T. uniandinus* sp. nov. from all the stages and *T. capuccinorum* sp. nov. from imagines of both sexes.

### Results

#### *Tricorythodes uniandinus* sp. nov. (Figs. 1–11)

Holotype. Male imago. Length: body, 3.3 mm; fore wings, 3.7 mm. Head: yellowish brown shaded dorsally with gray as in nymph, ventrally paler. Antennae: scape whitish, pedicel and flagellum yellowish. Thorax. Pronotum extensively shaded with black except on a pair of submedian marks (as in nymphs); propleurae and prosternum whitish translucent slightly shaded with yellowish gray. Mesonotum yellowish brown shaded with black, shading stronger on margins, carinae and mesoscutellum; membranous filaments of mesoscutellum short and grayish; mesopleurae and mesosternum whitish yellow shaded with gray on sternum. Metathorax yellowish shaded with gray. Legs: femora yellowish white completely shaded with gray, shading stronger on three longitudinal bands; fore femora with a whitish oblique band at 1/3 from base; tibiae and tarsi of all legs translucent white. Wings: membrane hyaline shaded with gray in sectors C, Sc and R<sub>1</sub>, longitudinal veins