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(Trichoptera: Leptoceridae)**

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The caddisfly genus *Triaenodes* in the Neotropics (Trichoptera: Leptoceridae)

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ABSTRACT

The genus *Triaenodes* as it occurs in the Neotropics is diagnosed and discussed in the context of the world fauna. Twenty new species are described and illustrated: *T. acanthus* (Mexico), *T. chirripo* (Costa Rica), *T. clauseni* (Costa Rica, Nicaragua, Panama), *T. cuyotenango* (Guatemala), *T. flintorum* (Mexico), *T. guadaloupe* (Panama), *T. hodgesi* (Ecuador), *T. hornitos* (Panama), *T. kilambe* (Nicaragua), *T. mexicanus* (Mexico), *T. moncho* (Costa Rica), *T. morai* (Costa Rica, Nicaragua), *T. nicaraguensis* (Nicaragua), *T. oaxacensis* (Mexico), *T. tajo* (Costa Rica), *T. talamanca* (Costa Rica), *T. tapanti* (Costa Rica, Panama), *T. tico* (Costa Rica, Panama), *T. tuxtzensis* (Mexico), and *T. woldai* (Panama). In addition, 4 previously described species are redescribed and figured: *T. abruptus* Flint 1991 (Colombia), *T. anomalus* Flint 1967 (Nicaragua, Mexico), *T. delicatus* Navás 1924 (Costa Rica, Panama), and *T. peruanus* Flint & Reyes 1991 (Colombia, Ecuador, Peru). The status of *Triaenodes columbicus* Ulmer 1909, is discussed. The larval and pupal stages of a Costa Rican species and the females of 9 species are described, representing the first descriptions of these life history stages for Neotropical *Triaenodes*. The genus *Ylodes* Milne is returned to synonymy with *Triaenodes*, as a subgenus. A key to the males of Neotropical *Triaenodes* is provided.

Key words: Trichoptera, Leptoceridae, *Triaenodes*, new species, Neotropics, key, *Ylodes*, synonymy

INTRODUCTION

The genus *Triaenodes* McLachlan 1865, is a large, cosmopolitan group of long-horned caddisflies. Species are especially diverse in the Old World tropics (Schmid 1994; Neboiss & Wells 1998; Andersen & Holzenthal 2001; 2002). In the Neotropics, *Triaenodes* species occur from southern Mexico to Peru, where the genus appears to be particularly diverse in the mountains of southern Mexico and Central America. To date, however, only 5 species have been described.

The genus belongs to the subfamily Leptocerinae, tribe Triaenodini, the latter erected by Morse (1981) for the genera *Adicella* McLachlan 1877, *Allosetodes* Banks 1931, *Erote-*