Haplohyphes (Ephemeroptera: Leptohyphidae), new species and stage descriptions with a key to separate the species of the genus

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Abstract

Haplohyphes yanahuicsa sp. nov. from Bolivia, is described and illustrated from adult and nymphal stages, this constitutes the first report of the genus for that country. Imagos of both sexes of Haplohyphes aquilonius Lugo-Ortiz & McCafferty are described for the first time, and this species together with H. mithras (Traver) are recorded for the first time from Colombia. Haplohyphes furtiva Domínguez is proposed as a junior synonym of H. baritu Domínguez, and is also recorded for the first time from Bolivia. SEM photographs for the egg of H. baritu are presented, and compared with the eggs of other genera of the family. A key and illustrations to separate the six known species of the genus are given.

Key words: taxonomy, neotropics, new species, new stages, eggs, key

Introduction


The aims of this paper are: 1) to describe an illustrate a new species of Haplohyphes recently collected in the mountain rain forest (Yungas) of Bolivia near Coroico; this new species is described from male imagoes and nymphs; 2) to describe for the first time imagoes of both sexes of Haplohyphes aquilonius Lugo-Ortiz & McCafferty; 3) to propose H. furtiva Domínguez as a junior synonym of H. baritu Domínguez; 4) to describe and discuss for the first time the egg stage of a species of the genus; 5) to extend the distributional