

## ***Haplohyphes* (Ephemeroptera: Leptohiphidae), 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 genus *Haplohyphes* was proposed by Allen (1966) to accommodate a species previously described by Traver (1958) as *Leptohiphys mithras*, together with a new species from Peru (*Haplohyphes huallaga* Allen). Later Domínguez (1984) described two species from Argentina (*H. baritu* and *H. furtiva*), Lugo-Ortiz & McCafferty (1995) a species from Costa Rica (*H. aquilonius*), and Molineri (1999) another from Ecuador (*H. dominguezi*).

The aims of this paper are: 1) to describe and 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 imagos and nymphs; 2) to describe for the first time imagos 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