



## Article

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### **A description of the nymph of *Anacroneuria ofaye* Froehlich (Plecoptera: Perlidae) and a apparatus for rearing Neotropical stonefly species**

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#### **Abstract**

The Neotropical genus *Anacroneuria* (Perlidae) is represented by more than 300 species. Among the Brazilian *Anacroneuria*, only the nymphs of two species have been described. In this paper, we described the nymph of *A. ofaye* Froehlich and an apparatus for rearing this genus. This is the first record of *A. ofaye* from Paraná State, Brazil.

**Keywords:** Plecoptera, *Anacroneuria*, nymph, rearing apparatus, Brazil

#### **Resumo**

O gênero neotropical *Anacroneuria* (Perlidae) é representado por mais de 300 espécies. Entre os *Anacroneuria* brasileiros, apenas as ninfas de duas espécies foram descritas. Neste trabalho, descrevemos a ninfa de *A. ofaye* Froehlich e um aparato para criação deste gênero. Este é o primeiro registro de *A. ofaye* no Estado do Paraná, Brasil.

**Palavras chave:** Plecoptera, *Anacroneuria*, ninfa, aparato de criação, Brasil

#### **Introduction**

*Anacroneuria* Klapálek 1909 (Plecoptera: Perlidae) is represented by more than 300 recognized species (Stark et al. 2009; DeWalt et al. 2010; Froehlich 2010; Righi-Cavallaro & Lecci 2010; Stark et al. 2012) distributed throughout the Neotropics into the southwestern United States (Stark & Kondratieff 2004; Stark et al. 2009). Considerable progress in the taxonomic knowledge of the genus has been achieved in recent decades (Stark 1995, 1998, 1999, 2001a, 2001b; Stark et al. 1999, 2001; Stark & Sivec 1998; Zúñiga & Stark 2002; Ribeiro-Ferreira & Froehlich 2001; Froehlich 2002, 2007), both in descriptions of new species and in redescriptions of older species (Bispo & Froehlich 2004). About seventy species of *Anacroneuria* are known from Brazil (Froehlich 2010); the nymphs of only two have been described (Righi-Cavallaro & Lecci 2010; Avelino-Capistrano et al. 2011a).