



Two new species of *Saetherolabis* Andersen *et* Mendes, 2007 from Brazil (Diptera: Chironomidae, Orthoclaadiinae)

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Abstract

The genus *Saetherolabis* Andersen *et* Mendes, 2007 was described based on *S. pectinata* Andersen *et* Mendes, 2007 from the Amazon forest in Brazil. Below two new species of *Saetherolabis*, *S. iperuype* **sp. n.** and *S. siriype* **sp. n.**, are described and figured based on males from Mata Atlântica in São Paulo and Sergipe States in Southeastern and Northeastern Brazil.

Key words: Diptera, Chironomidae, Orthoclaadiinae, *Saetherolabis*, new species, Mata Atlântica, Brazil, Neotropical

Introduction

Andersen and Mendes (2007) described five new genera of Orthoclaadiinae from Brazil. The genus *Oleia* Andersen *et* Mendes was based on seven species both from Mata Atlântica and from the Amazon forest, while the remaining four genera, *Saetherocryptus* Andersen *et* Mendes, *Saetherops* Andersen *et* Mendes, *Saetherolabis* Andersen *et* Mendes and *Saetherocladius* Andersen *et* Mendes were all monotypic. Andersen *et al.* (2010) added four new species of *Saetherocladius* from Santa Catarina and São Paulo States and gave new records of *S. hirtus* Andersen *et* Mendes, 2007 from São Paulo and Rio de Janeiro States. Andersen *et al.* (2011) added a second species of *Saetherocryptus* from São Paulo State. The genus *Saetherolabis* was described based on *S. pectinata* Andersen *et* Mendes, 2007 from the Amazon forest. Below we describe and figure two new species of *Saetherolabis*, *S. iperuype* and *S. siriype*, based on adult males from Mata Atlântica in São Paulo and Sergipe States, respectively. The genus *Saetherops* still remains monotypic. However, the discoveries of additional species belonging to *Saetherocladius*, *Saetherocryptus* and *Saetherolabis* underline the importance of describing new genera even though they are monotypic.

Saetherolabis was placed in the *Pseudosmittia* Edwards group of genera by Andersen and Mendes (2007). It can be separated from other Orthoclaadiinae genera by the long, nearly parallel-sided anal point and the deeply split inferior volsella with digitiform, straight to bent oral branch and digitiform to broadly rounded caudal branch combined with bare eyes, wing membrane and squama, few acrostichals in mid scutum or acrostichals apparently sometimes absent, and a row of spine-like setae on all tarsomeres.

Material and methods

The specimens were mounted in Euparal following the procedures outlined by Sæther (1969). The general morphology follows Sæther (1980). Measurements are given as the range followed by the mean when four specimens were measured.