



New species and records of *Oxyethira* Eaton (Trichoptera: Hydroptilidae) from Amazonas State, Brazil¹

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Abstract

Three new species of *Oxyethira* Eaton, 1873—*O. luanae* sp. nov., *O. sinistra* sp. nov., and *O. longipenis* sp. nov.—are described and illustrated from male specimens collected in Amazonas State, Brazil. Six described species are recorded for the first time from Brazil: *O. circaverna* Kelley, 1983, *O. longissima* Flint, 1974, *O. macrosterna* Flint, 1974, *O. peruviana* Harris & Davenport, 1999, *O. picita* Harris & Davenport, 1999, and *O. presilla* Harris & Davenport, 1999. *Oxyethira tica* Holzenthal & Harris, 1992, reported from Minas Gerais, Brazil, is now also recorded from Amazonas.

Key words: distribution records, Hydroptilini, Hydroptilidae, microcaddisflies, new species, *Oxyethira*

Resumo

Três espécies novas de *Oxyethira* Eaton, 1873—*O. luanae* sp. nov., *O. sinistra* sp. nov. e *O. longipenis* sp. nov.—são aqui descritas e ilustradas a partir de espécimes machos coletados no Estado do Amazonas, Brasil. Seis espécies já descritas são registradas pela primeira vez para o Brasil: *O. circaverna* Kelley, 1983, *O. longissima* Flint, 1974, *O. macrosterna* Flint, 1974, *O. peruviana* Harris & Davenport, 1999, *O. picita* Harris & Davenport, 1999 e *O. presilla* Harris & Davenport, 1999. *Oxyethira tica* Holzenthal & Harris, 1992, com ocorrência registrada para Minas Gerais, Brasil, é agora também registrada para o Amazonas.

Palavras-chave: registros de distribuição, Hydroptilini, Hydroptilidae, microtricotópteros, espécies novas, *Oxyethira*.

Introduction

The representatives of family Hydroptilidae are small Trichoptera, generally no more than 5.0 millimeters in length. However, it is the most diverse family in the order, with about 2.000 described species for the world (Holzenthal *et al.* 2007a). Marshall (1979) reviewed the family, recognizing two subfamilies, Ptilocolepinae, with only two genera (*Ptilocolepus* Kolenati, 1848 and *Palaeagapetus* Ulmer, 1912), and Hydroptilinae, with most genera and species. The Ptilocolepinae are restricted to the Holarctic and Oriental regions, while the Hydroptilinae have wide distribution. Malicky (2001) raised Ptilocolepinae to family status, but in recent phylogenetic studies, *Ptilocolepus* and *Palaeagapetus* consistently grouped with other Hydroptilidae (Kjer *et al.* 2001, 2002; Holzenthal *et al.* 2007b). Therefore, we retain the classification proposed by Marshall (1979), in that two subfamilies are recognized, and with Hydroptilinae divided into 6 tribes: Hydroptilini, Leucotrichiini, Neotrichiini, Ochotrichiini, Orthotrichiini, and Stactobiini.

Oxyethira Eaton, 1873 is a diverse and world-wide distributed genus, assigned to the tribe Hydroptilini