

A new species of the New Caledonian endemic genus *Xanthochorema* Kimmins, 1953 (Insecta: Trichoptera: Hydrobiosidae)

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Abstract

Xanthochorema neocaledonia sp.n. is described from New Caledonia, raising to seven the number of Hydrobiosidae (Trichoptera) species now known from New Caledonia. A key for discrimination of males of these seven species is presented, and distributional maps are included for all species. In addition, new records are included for *Xanthochorema bifurcatum* Schmid, 1989, *Xanthochorema calcaratum* Schmid, 1989, and *Xanthochorema celadon* Schmid, 1989.

Key words: Trichoptera, Hydrobiosidae, *Xanthochorema neocaledonia* sp.n., New Caledonia, key, distribution.

Introduction

The Hydrobiosidae is a moderately large, predominantly Gondwanan family with about 350 described species (Schmid 1989). For the family, the highest number of endemic Hydrobiosidae genera is recorded in the Australian region, with fifteen endemic genera in Australia (Tasmania included), ten in New Zealand and one in New Caledonia; some twenty-two endemic genera are listed for the Neotropical region, mainly restricted to Chile and Argentina. Until now, six species were described from New Caledonia. Kimmins (1953) erected the genus *Xanthochorema* for the new species *Xanthochorema caledon* and Schmid (1989) described three more species within the genus, *X. bifurcatum*, *X. calcaratum*, and *X. celadon*, as well as a New Caledonian species within the speciose, more widespread genus *Apsilochorema* Ulmer, 1907, *A. caledonicum*. Ward & Mary (2000) described *Xanthochorema paniensis*, based on a single male from northern New Caledonia. The species of *Xanthochorema* have all been collected in small numbers, most being described from single males. Although Schmid (1989: 115) listed a female of *X. bifurcatum* as allotype, he did not describe it.