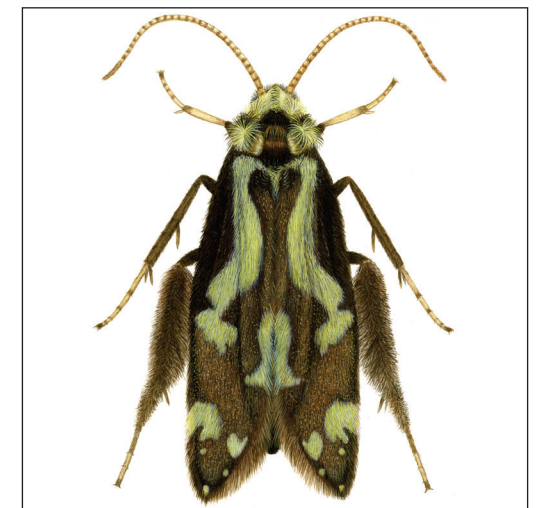


CATALOG OF THE HYDROPTILIDAE (INSECTA, TRICHOPTERA)

BY
ROBIN E. THOMSON



Ascotrichia frontalis, Flint 1983

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As the common name “microcaddisfly” suggests, Hydroptilidae represents the smallest family in the order Trichoptera in terms of body size, with adults ranging from between 1.5 mm to usually no more than 5 mm in length. However, microcaddisflies are extremely diverse and display a wide array of ecological, morphological, and habitat diversity. In terms of species diversity, Hydroptilidae is the largest family in Trichoptera, with 76 genera containing over 2,600 known species found in all faunal regions of the world. In this catalog, more than 1,300 literature citations published through the end of 2020 were reviewed to include 2,665 currently recognized, valid species contained within Hydroptilidae. The closely-related family Ptilocolepidae and the genus *Eutonella* (*incertae sedis*) were also reviewed and are included. Information on the type locality, type depository, distribution by country, and other relevant information is included for each nominal species, while summary information on taxonomy, phylogeny, distribution, and biology are provided for each subfamily, tribe, and genus where known.

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Paper within conference proceedings: Orr AG (2006) Odonata in Bornean tropical rain forest formations: Diversity, endemism and applications for conservation management. In Cordero Rivera A (Ed) *Forest and Dragonflies. Fourth WDA International Symposium of Odonatology*, Pontevedra (Spain), July 2005. Pensoft Publishers, Sofia-Moscow, 51–78.

Book chapters: Mayr E (2000) The biological species concept. In: Wheeler QD, Meier R (Eds) *Species Concepts and Phylogenetic Theory: A Debate*. Columbia University Press, New York, 17–29.

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Book with institutional author: International Commission on Zoological Nomenclature (1999) *International code of zoological nomenclature. Fourth Edition*. London: The International Trust for Zoological Nomenclature.

PhD thesis: Dalebout ML (2002) Species identity, genetic diversity and molecular systematic relationships among the Ziphiidae (beaked whales). PhD thesis, Auckland, New Zealand: University of Auckland.

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