

Two new water mite species from New Zealand (Acari: Hydrachnidia)

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Abstract

Two new species are described from Lake Rotorua, New Zealand, viz. *Frontipoda minutipalpis* (Oxidae) and *Limnesia rotoruaensis* (Limnesiidae). The genus *Flabellifrontipoda* is lowered in ranking to a subgenus of *Frontipoda*. This affects the following species: *Frontipoda* (*Flabellifrontipoda*) *allarka* (Cook) nov. comb., *F. (Flabellifrontipoda) allasa* (Cook) nov. comb., *F. (Flabellifrontipoda) bravana* (Cook) nov. comb., *F. (Flabellifrontipoda) carteza* (Cook) nov. comb., *F. (Flabellifrontipoda) crameri* (Cook) nov. comb., *F. (Flabellifrontipoda) dolichopalpis* (Cook) nov. comb., *F. (Flabellifrontipoda) eloma* (Cook) nov. comb., *F. (Flabellifrontipoda) hadinoma* (Cook) nov. comb., *F. (Flabellifrontipoda) lacustris* (Cook) nov. comb., *F. (Flabellifrontipoda) ladilofa* (Cook) nov. comb., *F. (Flabellifrontipoda) longipalpa* (Cook) nov. comb., *F. (Flabellifrontipoda) mastigophora* (Cook) nov. comb., *F. (Flabellifrontipoda) penai* (Cook) nov. comb., *F. (Flabellifrontipoda) reductipalpa* (Cook) nov. comb., *F. (Flabellifrontipoda) smithi* (Cook) nov. comb., *F. (Flabellifrontipoda) striata* (Cook) nov. comb., *F. (Flabellifrontipoda) tranasa* (Cook) nov. comb., *F. (Flabellifrontipoda) unoka* (Cook) nov. comb. and *F. (Flabellifrontipoda) zadina* (Cook) nov. comb.

Key words: Acari, Hydrachnidia, *Frontipoda*, *Flabellifrontipoda*, *Limnesia*, water mites, new species.

Introduction

During a short trip on North Island of New Zealand, I collected two new water mite species in Lake Rotorua, which are described below. One is an unusual *Frontipoda* species, while the other is a *Limnesia* species. The *Frontipoda* species is most interesting, as the finding of this species affects the taxonomy of the genus *Flabellifrontipoda*.