

## **Kanapa Karaaroa (*Aupouriella pohei*) — New Zealand's rarest mayfly**

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In late 2008 an unusual mayfly (Ephemeroptera) nymph was collected from a stony stream in the northernmost part of Northland, New Zealand. Additional nymphal, subimaginal and adult material resulted in the description by one of us (MJW) of a new species of Leptophlebiidae and a new genus, *Aupouriella*, erected to contain it. *Aupouriella pohei*, given the common name kanapa Karaaroa by the landowner of the type locality, is unique among New Zealand Ephemeroptera, in that eyes of adult males are not divided into upper and lower portions, and that nymphs, subimagos and adults all have very slender legs. Little is known of the biology, ecology or distribution of this mayfly other than aspects of the physical environment of the sole stream in which the species was found, and the species of co-occurring stream invertebrates. The Department of Conservation Threat Classification System for aquatic invertebrates is currently being revised and *A. pohei* has been placed as Nationally Critical.

