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# ZOOTAXA

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## **Water mites from Mount Kinabalu and the Crocker Range, Borneo, Malaysia (Acari: Hydrachnidia), with the description of 34 new species**

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## Abstract

Descriptions are presented of new species of water mites from two mountains in the Malaysian part of Borneo. A new subgenus of the genus *Javalbia* (Hygrobatidae), i.e. *Megapes* n. subgen., and 34 new species are described: Limnocharidae: *Limnochares* (*Limnochares*) *spinosa* n. sp.; Oxidae: *Oxus* (*Oxus*) *fuscus* n. sp.; Hydryphantidae: *Protzia borneoensis* n. sp.; Spermochontidae: *Sperchon kinabaluensis* n. sp., *Sperchonopsis orientalis* n. sp.; Hygrobatidae: *Hygrobates* (*Hygrobates*) *acutipalpis* n. sp., *H. (Hygrobates) hamatoides* n. sp., *H. (Hygrobates) striatus* n. sp., *Atractides* (*Atractides*) *neospatiosus* n. sp., *A. (Atractides) sabahensis* n. sp., *A. (Atractides) crockerensis* n. sp., *A. (Atractides) curtisetus* n. sp., *A. (Tympanomegapus) borneoensis* n. sp.; Frontipodopsidae: *Frontipodopsis suturalis* n. sp.; Aturidae: *Javalbia* (*Javalbia*) *montana* n. sp., *J. (Javalbia) solitaria* n. sp., *J. (Javalbiopsis) borneoensis* n. sp., *J. (Javalbiopsis) kinabaluensis* n. sp., *J. (Javalbiopsis) magniseta* n. sp., *J. (Javalbiopsis) reticulata* n. sp., *J. (Megapes) uncinata* n. sp., *Albaxona mahuaensis* n. sp., *Axonopsis* (*Axonopsis*) *longigenitalis* n. sp., *A. (Axonopsis) rugosa* n. sp., *A. (Paraxonopsis) truncata* n. sp., *A. (Brachypodopsis) latipalpis* n. sp., *A. (Vicinaxonopsis) caeca* n. sp., *Erebaxonopsis kipungitensis* n. sp., *Ljania inconspicua* n. sp., *L. obliterated* n. sp., *Albia* (*Albiella*) *crocker* n. sp., *Aturus borneoensis* n. sp.; Athiennemanniidae: *Africasia acuticoxalis* n. sp.; Arrenuridae: *Thoracophoracarus uniacetabulatus* n. sp.

A key is presented for the *Javalbia* species of Borneo. New records are given for 10 further species.

In the course of revisional work, lectotypes are designated for the following species: *Atractides cognatus* (K. Viets) and *A. propatulus* (K. Viets).

**Key words:** systematics, water mites, new species, Borneo, Malaysia

2014 for a discussion on the species richness of water mites in different regions). Obviously, the water mite fauna of Borneo is far from being known and collecting in a wider geographical area will result in the discovery of many more species.

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