Contents

Phylogeny and host-plant relationships of the Australian Myrtaceae leafmining moth genus *Pectinivalva* (Lepidoptera, Nepticulidae), with new subgenera and species

Robert J.B. Hoare, Erik J. van Nieukerken

Cockroaches of genus *Muzoa*: morphology of the male genital sclerites and description of one new species (Dictyoptera, Blattodea, Ectobiidae, Nyctiborinae)

Andrés H. Vélez-Bravo

Four new species of *Unixenus* Jones, 1944 (Diplopoda, Penicillata, Polyxenida) from Australia

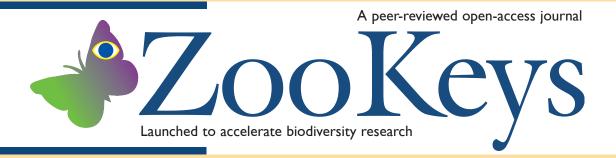
Megan Short, Cuong Huynh

A new species of the genus *Duvalius* sg. *Neoduvalius* from Montenegro with taxonomical remarks on the genus *Duvalius* (Coleoptera, Carabidae, Trechini)

Roman Lohaj, Dávid Čeplík, Ján Lakota

Corrigenda: Mullins PL, Kawada R, Balhoff JP, Deans AR (2012) A revision of *Evaniscus* (Hymenoptera, Evaniidae) using ontology-based semantic phenotype annotation. ZooKeys 223: 1–38, doi: 10.3897/zookeys.223.3572

Patricia L. Mullins, Rico Kawada, James P. Balhoff, Andrew R. Deans





Pectinivalva (Pectinivalva) mystaconota Hoare, sp. n.

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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.

Books: Goix N, Klimaszewski J (2007) Catalogue of Aleocharine Rove Beetles of Canada and Alaska. Pensoft Publishers, Sofia-Moscow, 166 pp.

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