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In the last decades, a large number of non-native species (NNS) has been identified in several invaded areas worldwide. However, in both the European Union and other developed countries, despite existing measures for prevention and control, extant NNS are still expanding their distributional range and new NNS are being recorded. Whereas in developing countries, legislation for the successful management and control of (invasive) NNS is increasingly needed. Further, the invasiveness potential of NNS in several taxonomic groups remains unknown due to the lack of supporting risk screening studies, which are of crucial importance especially in those geographical areas acting as biodiversity hotspots. For the above reasons, there is room for improvement in risk screening studies to fill out these knowledge gaps.

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NeoBiota

Advancing research on alien species and biological invasions

RECENT ADVANCEMENTS IN THE RISK SCREENING OF FRESHWATER AND TERRESTRIAL NON-NATIVE SPECIES

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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.

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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