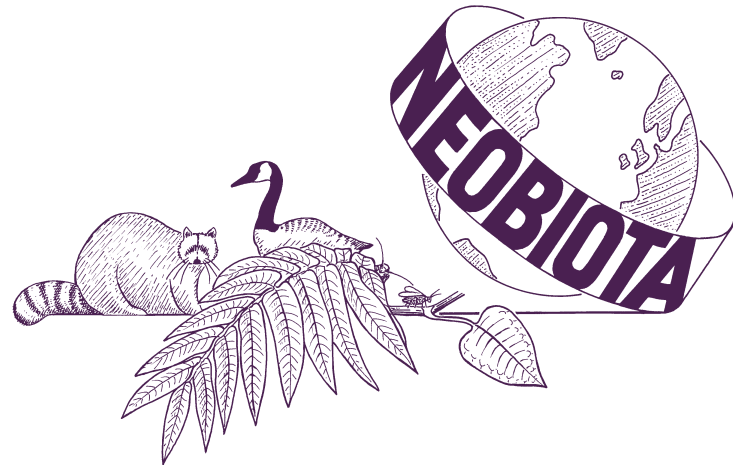




# NeoBiota

Advancing research on alien species and biological invasions

NeoBiota 62 ♦ 2020



The journal NeoBiota is a continuation of the former NEOBIOTA publication series. For volumes 1–8 see <http://www.oekosys.tu-berlin.de/menue/neobiota/>

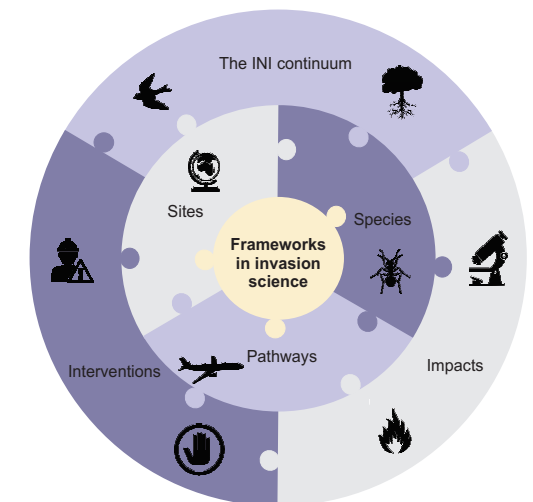
The development and refinement of frameworks and their conversion to standards is an important sign that invasion science is maturing as a discipline. However, despite a plethora of frameworks that classify and conceptualise different aspects of the biological invasions phenomenon, few frameworks have been widely tested. This issue was critically evaluated at a workshop hosted by the DSI-NRF Centre of Excellence for Invasion Biology in Stellenbosch, South Africa, in November 2019 that led to the Stellenbosch Challenge for Invasion Science.

*Can invasion science develop and improve frameworks that are useful for research, policy or management, and that are clear as to the contexts in which the frameworks do and do not apply?*

The 24 papers in this special issue do much to meet this challenge. They apply existing frameworks to new data and contexts, assess how frameworks have been adopted and used, develop useable protocols and guidelines for applying frameworks to different contexts, refine the frameworks in light of experience, integrate frameworks for new purposes, identify gaps, and develop new frameworks to address issues that are currently not adequately dealt with.

## FRAMEWORKS USED IN INVASION SCIENCE

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QUENTIN GROOM, SVEN BACHER,  
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62 ♦ 2020

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**For those who want their work known rapidly to the World !**

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**NeoBiota** is a peer-reviewed, open-access, rapid online journal on the underlying mechanisms and associated consequences of all types of alien species and biological invasions. **NeoBiota** publishes papers across all disciplines interested in biological invasions, specifically on the ecology, evolution and biogeography of non-indigenous aquatic and terrestrial animals, plants, fungi and micro-organisms, on mechanisms that drive the introduction, establishment and spread of these species, on ecological, evolutionary, economic and other consequences of biological invasions, and on the management of invasions in any part of the world. **NeoBiota** also strongly encourages papers on ethical, social, legal and policy issues related to biological invasions.

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- Original research articles
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*cal Nomenclature* 62: 210-220.

**Accepted Papers:** Same as above, but "In press" appears instead the page numbers.

**Electronic Journal Articles:** Mallet J, Willmott K (2002) Taxonomy: renaissance or Tower of Babel? *Trends in Ecology and Evolution* 18 (2): 57-59. doi: 10.1016/S0169-5347(02)00061-7.

**Paper within conference proceedings:** Orr AG (2006) Odonata in Bornean tropical rain forest formations: Diversity, endemism and applications for conservation management. In Cordero Rivera A (Ed) *Forest and Dragonflies. Fourth WDA International Symposium of Odonatology*, Pontevedra (Spain), July 2005. Pensoft Publishers, Sofia-Moscow, 51-78.

**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.

**Link/URL:** BBC News: Island leopard deemed new species. <http://news.bbc.co.uk/> [accessed 3.VI.2008]

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