A peer-reviewed open-access journal



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/

Contents

- A population dynamics approach to understand the invasiveness of the seaweed Rugulopteryx okamurae (Ochrophyta, Dictyotales)
 Jesús Rosas-Guerrero, Raquel Carmona, Julio De la Rosa, Marianela Zanolla, María Altamirano
- Application of a theoretical simulator to the optimisation of risk-based invasive species surveillance Thomas I. Gibson, Rebecca S. Millard, Isla MacMillan, Nick Taylor, Mark Thrush, Hannah Tidbury
- Lodgepole pine (*Pinus contorta* Douglas ex Loudon) invasion in subarctic Iceland: evidence from a long-term study

 Pawel Wasowicz, Guðrún Óskarsdóttir, Þóra Ellen Þórhallsdóttir
- Have you seen this fish? Important contribution of stakeholder observations in documenting the distribution and spread of an alien fish species in Iceland

 Theresa Henke, Hlynur Bárðarson, Magnús Thorlacius, Guðbjörg Asta Ólafsdóttir
- Competitive interactions for food resources between invasive Ponto-Caspian gobies and their native competitors in the context of global warming
 Piotr Kłosiński, Jarosław Kobak, Tomasz Kakareko
- Seeds and vegetative propagules of all selected invasive plants in Europe do not survive industrial composting
 Sabina Tomše, Marjeta Resnik, Nejc Gorjan, Simona Strgulc Krajšek
- Alien species of *Ipomoea* in Greece, Türkiye and Iran: distribution, impacts and management

 Sima Sohrabi, Ayşe Yazlık, Ioannis Bazos, Javid Gherekhloo, Vaya Kati, Yasin Emre Kitiş, Margarita Arianoutsou,

 Alessandra Kortz, Petr Pyšek
- Border biosecurity interceptions for air passengers assessing intervention methods and analytic tools
 Nicholas P. Moran, Anca M. Hanea, Andrew P. Robinson

ISSN 1314-2488 (online) ISSN 1619-0033 (print)

Continued on back of this page











MANAGING EDITOR

Lyubomir Penev

Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences Yurii Gagarin Street 2 1113 Sofia, Bulgaria E-mail: l.penev@pensoft.net

EDITOR-IN-CHIEF

Ingolf Kühn

Helmholtz Centre for Environmental Research – UFZ

Halle, Germany

EDITOR-IN-CHIEF

Philip Hulme

Bioprotection Aotearoa, Lincoln University Christchurch, New Zealand

EDITOR-IN-CHIEF

Andrew (Sandy) Liebhold

USDA Forest Service Morgantown, WV, United States of America

EDITOR-IN-CHIEF

Ana Novoa

Estación Experimental de Zonas Áridas (EEZA-CSIC) Almería, Spain

EDITOR-IN-CHIEF

Tammy B. Robinson-Smythe

Stellenbosch University Stellenbosch, South Africa

FOUNDING EDITOR

Ingo Kowarik

TU Berlin Berlin, Germany

FOUNDING EDITOR

Uwe Starfinger

formerly Julius Kühn Institute Braunschweig, Germany

EDITORIAL OFFICE

Pensoft Publishers Prof. Georgi Zlatarski 12, 1700 Sofia, Bulgaria. Tel. +359-2-8704281, Fax +359-2-8704282 E-mail: neobiota@pensoft.net

FOCUS AND SCOPE

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.

NeoBiota will consider for publishing works on the following topics:

- Original research articles
- Reviews as longer articles, offering a comprehensive overview, historical analysis or/and future perspectives of a topic
- Monographs and collection of papers with no limit in size, published as 'special issues'
- Short communications
- Letters and Discussion papers
- Book reviews
- Data papers

ISBN numbers will be assigned to large monographic papers, monographs, collections of papers, Festschrift volumes, atlases, checklists, conspecti.

All content is Open Access distributed under the terms of the *Creative Commons Attribution License*, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. Authors are thus encouraged to post the pdf files of published papers on their homepages or elsewhere to expedite distribution.

Contents

Invasive Prunus serotina vs. Robinia pseudoacacia: How does temperate forest natural regeneration respond to their quantity?

Sebastian Burv. Marcin K. Dvderski

Non-consumptive effects of native, alien and invasive alien crayfish on damselfly egg life history and carry-over effects on larval physiology

Szymon Sniegula, Dorota Konczarek, Maciej Bonk, Andrzej Antoł, Nermeen R. Amer, Robby Stoks

Habitat and diet interactions in a lowland temperate river suggests no direct impact of non-native monkey goby (Neogobius fluviatilis) on native spined loach (Cobitis taenia)

Dagmara Błońska, Kacper Pyrzanowski, Joanna Leszczyńska, Bartosz Janic, Jarosław Kobak, Joanna Grabowska, Ali Serhan Tarkan

Non-native species drive the global loss of freshwater fish beta-diversity Lorraine L. Cavalcante, Thiago V. T. Occhi, Julian D. Olden, Andre A. Padial

The challenge of attaining conservation outcomes in a complex system: Agency personnel's and academic researchers' perspectives on the wicked problem of the exotic pet trade Elizabeth N. Pratt, Julie L. Lockwood, Elizabeth G. King, Elizabeth F. Pienaar

Food fight: Gammarus tigrinus demonstrate competitive advantage over native G. duebeni
James W. E. Dickey, Julian W. Zeller, Elizabeta Briski, Jonathan M. Jeschke, Gareth Arnott

Advancing the Risk Analysis for Alien Taxa (RAAT) framework Sabrina Kumschick, Llewellyn C. Foxcroft, John R. U. Wilson

Intrapopulation differences in biological traits and impacts in a highly invasive freshwater species
Henrique Alves, Diana Gonçalves, António Barbosa Nogueira, Amílcar Teixeira, Janeide Padilha, Ronaldo Sousa