



*diversity*

an Open Access Journal by MDPI



## Ecology and Management of Forest Insects in the Anthropocene

Guest Editors:

**Dr. Amit Roy**

EVA 4.0 Unit, Faculty of Forestry and Wood Sciences, Czech University of Life Sciences, Kamýcká 129, Suchbát, 16521 Prague 6, Czech Republic

**Dr. Audrey Bras**

1. Dept. of Plant Protection Biology, Swedish University of Agricultural Sciences, Alnarp, Sweden

2. Faculty of Forestry and Wood Sciences, EXTEMIT-K and EVA.4.0 Unit, Czech University of Life Sciences, Kamýcká 1176, Prague 6, 165 00 Suchbát, Czech Republic

Deadline for manuscript submissions:

**31 May 2024**

### Message from the Guest Editors

Forests are ecosystems vulnerable to native and non-native pests that require adapted management strategies to maintain biodiversity and ecosystem functioning. In recent years, climate-driven range expansion of native forest pests has been rising in an unprecedented manner. Most of those invasions are causing significant economic and biodiversity losses, whereas they have often been unnoticed or even unknown in their native area. There is an urgent requirement for robust management practices to restore our forests from those devastating pests. It is also optimal to develop early detection tools for damaged trees. By contrast, beneficial insects also decline through human activities due to habitat loss, urbanization, non-native species, and climate change, leaving potential empty niches for raising pests or non-native species. Understanding species interactions, genetic diversity of pest insects or their ecology, or symbiosis with microbes are initial steps to develop more robust monitoring and management tools to restrict future biodiversity loss.



[mdpi.com/si/108424](https://mdpi.com/si/108424)

# Special Issue



# diversity



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Michael Wink**

Institute of Pharmacy and  
Molecular Biotechnology,  
Heidelberg University, Im  
Neuenheimer Feld 329, D-69120  
Heidelberg, Germany

## Message from the Editor-in-Chief

*Diversity* (ISSN 1424-2818) is a scholarly journal that covers all areas of diversity research. Our distinguished editorial board and refereeing process ensures the highest degree of scientific rigor for publishing. Original research articles and timely reviews are released online, with unlimited free access.

We invite papers and reviews on multidisciplinary topics of diversity that bridge organismic diversity (systematics, biodiversity, phylogeny, population genetics, and evolution) and molecular diversity (phytochemistry and biophysics).

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubAg, GEOBASE, CAPus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Biodiversity Conservation*) / CiteScore - Q2 (*Agricultural and Biological Sciences (miscellaneous)*)

## Contact Us

---

Diversity Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/diversity](http://mdpi.com/journal/diversity)  
[diversity@mdpi.com](mailto:diversity@mdpi.com)  
[X@DiversityMdpi](https://twitter.com/DiversityMdpi)