

## Special Issue

# Aquatic Insects: Diversity, Ecology and Evolution

### Message from the Guest Editor

Aquatic Insects are generally the most important component of freshwater ecosystems in terms of the number of species and their biomass. They do not form a distinct taxonomic group within the class of insects, but are linked by their ecology, as they spend all or part of their life cycle in different types of aquatic habitats. Most of them are merolimnic, i.e., their juvenile life stages are restricted to aquatic habitats, while the adults are terrestrial. There are numerous representatives of aquatic insects, starting with the Ephemeroptera, Plecoptera and Trichoptera (known as EPT taxa), which are widely used in freshwater ecology, water quality assessment and ecosystem-type categorization. However, probably the most numerous aquatic insects, in terms of number of species and their occurrence, in virtually all aquatic habitats are invariably representatives of the order Diptera. Aquatic insects are extremely important for monitoring freshwater ecosystems and many of them serve as bioindicator species. We invite biologists, taxonomists, ecologists, molecular biologists and other scientists to contribute to this Special Issue.

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### Guest Editor

Dr. Marija Ivković

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### Deadline for manuscript submissions

closed (31 December 2024)



## Insects

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## About the Journal

### Message from the Editor-in-Chief

Arthropods are a diverse and abundant group of animals that are important to a variety of research dictates. For example, hexapods act as bio-indicators of ecosystem function and pest status and serve as model systems for questions concerning physiology, embryology, genetics, and social interaction. The editorial board and staff at *Insects* is committed to providing contributors an open access forum to showcase objective and innovative research as well as succinct review articles. Our journal is dedicated to providing timely and thorough review of qualified submissions and we welcome you to submit a contribution.

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### Editor-in-Chief

Prof. Dr. Brian T. Forschler

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indexed within Scopus, SCIE (Web of Science), PubMed, PMC, GEOBASE, PubAg, and other databases.

#### Journal Rank:

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).