

Special Issue

Systematics, Ecology and Evolution of Aphids

Message from the Guest Editors

Aphids are a group of phloem-feeding insects with fascinating biological characteristics (e.g., complex life cycle, asexual and sexual reproduction, phenotypic plasticity, caste differentiation) and can have tight relationships with host plants, microbial symbionts, and other insect partners. Meanwhile, many aphid species are notorious agricultural and forestry pests. Therefore, aphids have long been popular research animals in basic and applied biology. In recent years, with the development of new research technologies and tools (e.g., DNA barcoding, high-throughput sequencing, 'omics'), aphids are becoming increasingly useful research models for studying important scientific questions in ecology and evolution. This Special Issue welcomes original and review articles focusing on aphids and related to topics including (but not limited to) systematics, biogeography, ecology and evolution, genomics, population genetics, species interactions and pest management.

Guest Editors

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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.

Editor-in-Chief

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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).