

Special Issue

Nutritional Physiology and Ecology of Insects

Message from the Guest Editor

Nutrition underpins all aspects of life and its shapes and forms. This Special Issue will provide the forum for high-quality interdisciplinary research in insect nutritional physiology, which can then be used as a reference in the field of nutritional ecology. We will accept all themes and approaches to insect nutritional physiology and ecology, including (but not limited to) genetics and (functional) genomics, proteomics, organismal biology, population ecology, community ecology and interactions across trophic levels, large-scale spatial-temporal patterns related to nutrition, long-term datasets, mathematical and statistical modelling of animal physiology and behaviour, new methodological developments to measure nutritional trade-offs, nutritional immunology, pollination and ecosystem services. We encourage submissions from single taxa as well as comparative studies. Null results or confirmatory results are welcome, provided that it contains a sufficient sample size and statistics to be deemed high-quality science. All papers should contextualise the findings within the broader literature of insect nutritional physiology and ecology.

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 18.1 days after
submission; acceptance to publication is undertaken in 2.9
days (median values for papers published in this journal in
the first half of 2025).