

# Special Issue

## Insect Diversity and Biology

### Message from the Guest Editor

Acari (mites and ticks) are an incredibly diverse group, and are important from various aspects, contributing to the global terrestrial decomposer food chain by breaking down plant litter and wood materials (Oribatida); being parasites of vertebrates (Ixodida) or agricultural pests (Eriophyoidea, Tetranychioidea); transmitting dangerous pathogens to humans, animals and plants; and playing a crucial role in biological pest control as voracious predators (Phytoseiidae) that can replace chemical pesticides. Acari are also interesting from an evolutionary perspective as ancient asexuals, persisting for millions of years without sexual reproduction and because they form intimate associations with an array of bird, mammal, and arthropod hosts. This Special Issue is aimed at providing selected contributions on advances in phylogenetics, diversity, evolution, systematics, and ecology of mites and ticks. Topics of interest include, but are not limited to, the following: Phylogenetics; Systematics; Evolution and co-evolution; Biodiversity; Ecology; Host associations; The role of mites in agriculture and medicine. I look forward to receiving your contributions.

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### Guest Editor

Dr. Pavel B. Klimov

Department of Biological Sciences, Purdue University, West Lafayette, IN 47907, USA

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### Deadline for manuscript submissions

closed (28 February 2025)



## Animals

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*Animals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[animals@mdpi.com](mailto:animals@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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### Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine and Animal Sciences, Estonian University of Life Sciences, Kreutzwaldi 1, 51014 Tartu, Estonia
2. Curtin University Sustainability Policy (CUSP) Institute, Kent St., Bentley 6102, Australia

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