



Parasitic Arthropods of Vertebrates

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Message from the Guest Editors

Dear Colleagues,

Parasitic arthropods are a typical vertebrate parasite fauna associated with a variety of terrestrial and aquatic environments. At the same time, they show a diverse range of host specificity and various relationships with the hosts as temporary or stationary parasites. Within the host, they can show high biodiversity, colonizing various microhabitats in the host's body due to the creation of various adaptations to parasitism. Parasites may be asymptomatic, but they can also cause parasitosis, which is dangerous to health and life, or transmit dangerous pathogens. However, many aspects of their systematics/taxonomy, phylogenetic relationships, biology and life cycles, ecology, and mechanisms of parasitism remain poorly studied. Collecting information about their species diversity, occurrence, and relationships with hosts will allow us to fully understand the mechanisms of parasite circulation in ecosystems and understand the complex relationships in the parasite–host system as well as the causes of the development of parasitoses. This, in turn, will allow the development of methods of diagnosis, prevention, and treatment.





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Message from the Editor-in-Chief

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