

Special Issue

Insect Mouthparts: Evolution, Biomechanics, and Ecological Significance

Message from the Guest Editor

In terms of biodiversity and ecological services, no group of eukaryotic organisms are as successful as insects. Their successes are linked to their ability to feed on an extensive array of food sources, including hard and soft materials and Newtonian and non-Newtonian fluids, which have allowed insects to flourish in a range of environmental conditions and contribute to their global occupancy. Studies of insect mouthparts branch into many fields, including biomechanics, ontogenetics, and phylogenetics. In addition, research on this topic has become more rigorous and multidisciplinary, employing novel techniques and technology, involving biologists, physicists, and engineers. Here, we are pleased to invite submissions of research and review articles to this Special Issue of *Insects*. Papers that consider all aspects of insect mouthparts will be considered, including their development, material and mechanical properties, role in ecological services, and evolutionary history.

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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Journal Rank:

JCR - Q1 (Entomology) / CiteScore - Q1 (Insect Science)

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).