

Topical Collection

Balancing Nature: Biological Control Introductions for Invasive Insect Pests and Weeds

Message from the Collection Editors

Insects and weeds become problematic when accidentally introduced to new environment without their essential natural enemies that keep them in check in native regions. Introductions of biological control agents to such new invaded areas has historically been the main method for environmentally benign nonchemical approaches to reducing pest populations in the management of invasive insect pests and weeds. This collection invites original articles and reviews for the overall improvement of biological control knowledge of insect pests and weeds. This includes discovery of pest origin, foreign exploration for natural enemies in native lands of pest, importation to containment facilities, pre-release evaluations (e.g., efficacy, host specificity, and climatic adaptability), mass rearing for field releases, and release and documentation of establishments and impacts of introduced natural enemies. Recent cases of importation biological control, success and failure of natural enemy introductions, biology, ecology, behavior, and description of new species of natural enemies will be covered.

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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).