

Special Issue

Tephritid Fruit Flies (Diptera: Tephritidae): Biology, Ecology, and Integrated Management

Message from the Guest Editors

Tephritid fruit flies are one of the most beautiful species of flies. The biology and ecology of tephritid fruit flies are of great interest to biologists as certain observations. Some fruit flies exhibit extensive mating rituals and territorial displays, making the study of these insects all the more interesting. Although beautiful, several tephritid fruit fly species are of major economic importance; these flies have a worldwide notoriety for their destructive impact on agriculture and are responsible for millions of dollars' worth of expenses in countries investing in control and eradication efforts. Therefore, understanding the biology and ecology of these flies is necessary for developing effective integrated pest management. In view of the above, this Special Issue in *Insects* will focus on the abovementioned features of tephritid fruit flies.

Recent developments in tephritid research will be of particular interest, with a key focus on the biology, ecology and management of fruit flies. We will also consider studies on their behavioural ecology, microbial ecology, predator–prey interaction and novel pest management strategies for their control.

Guest Editors

Dr. Vivek Kempraj

Applied BioSciences, Macquarie University, Sydney, NSW 2109, Australia

Prof. Dr. Ding Yang

Department of Entomology, China Agricultural University, Beijing 100193, China

Deadline for manuscript submissions

closed (30 April 2023)



Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



mdpi.com/si/119700

Insects
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
insects@mdpi.com

[mdpi.com/journal/
insects](https://mdpi.com/journal/insects)





Insects

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed



[mdpi.com/journal/
insects](https://mdpi.com/journal/insects)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Brian T. Forschler
Department of Entomology, University of Georgia, 413 Biological
Sciences Building, Athens, GA 30602-2603, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed,
PMC, PubAg, and other databases.

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).