Special Issue

Biology and Management of Tephritid Fruit Flies

Message from the Guest Editor

Tephritid fruit flies comprise some of the most serious and economically important insect pests of fruit commodities worldwide, as well as insects that have contributed greatly to our understanding of basic biology and evolutionary processes. Genera of major importance in tropical/subtropical regions are Ceratitis, Bactrocera, and Anastrepha, while in temperate regions the genus Rhagoletis is of major quarantine importance, with additional genera (Dacus, Capparimyia, Carpomya, Dirioxa, Euphranta, Monacrostichus, Neoceratitis, Trirhithrum, and Zonosemata) also considered to be of pest or quarantine relevance in both regions. Due to their importance, a huge amount of valuable literature has accumulated on tephritid fruit flies, but new research constantly reveals new information on these insects. In this Special Issue, new research on tephritid fruit flies is presented in the hopes that it will be useful for further understanding the biology of these important insects and how to reduce their negative impact on agriculture.

Guest Editor

Dr. Wee L. Yee
United States Department of Agriculture, Agricultural Research Service, Temperate Tree Fruit and Vegetable Research Unit, 5230 Konnowac Pass Road, Wapato, WA 98951, USA

Deadline for manuscript submissions

closed (28 February 2026)

Insects

an Open Access Journal by MDPI

Impact Factor 2.9
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/195755

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

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

MDPI

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

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, GEOBASE, 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 18.9 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).