

Workshop Contacts

Dr. Jason Oliver
joliver@tnstate.edu

Dr. Karla Adesso
kaddesso@tnstate.edu

Tennessee State University
Nursery Research Center
472 Cadillac Lane
McMinnville, TN, 37129
931-815-5140



Wood-Borer Working Group

Tennessee State University

Dr. Jason Oliver (Entomologist)

Dr. Karla Adesso (Entomologist / Chemical Ecologist)

Dr. Anthony Witcher (Nursery Sustainability)

Dr. Fulya Baysal-Gurel (Plant Pathologist)

North Carolina State University

Dr. Anthony LeBude (Nursery Crops Extension Specialist)

Oregon State University

Dr. Lloyd Nackley (Plant Physiological Ecologist)

Dr. Nik Wiman (Orchard Crops Extension Specialist)

Dr. Clark Seavert (Agricultural Economist)

Auburn University

Dr. David Held (Entomologist / Assistant IPM Coordinator for Alabama)

University of Georgia

Dr. Angel Acebes (Entomologist)

USDA-ARS

Dr. David Shapiro-Ilan (Research Entomologist)

Dr. Christopher Ranger (Research Entomologist / Chemical Ecologist)

Flatheaded Borer Workshop

July 1st, 2019

8 am - 5 pm

Tennessee State University
Otis L. Floyd Nursery Research Center
McMinnville, TN



Flatheaded Borers

Flatheaded borers are native and ubiquitous, with species spanning the whole of North America. While most species serve important ecological functions, several are considered key pests of trees and shrubs in forestry, nursery, fruit and nut production.

The Wood Borer Working Group was formed to address concerns arising from pest species of Buprestids, with a special focus on flatheaded apple tree borer (FAB) and Pacific flatheaded borer (PFB), both species in the genus *Chrysobothris*. These beetles have similar life histories, depositing eggs at the base of newly transplanted or stressed host trees. Following egg hatch, larval tunneling girdles trunk tissue which can reduce tree vigor leading to disease, yield reduction and often in the case of small trees, death.



Workshop Overview

Objective

To identify gaps in knowledge regarding flatheaded borer biology and management in order to direct future research and extension programs.

Who is Invited?

Attendees will include nursery growers, nut/fruit orchard growers, university and government researchers, extension specialists and other interested stakeholders.

Presentations

Presentations will be given on the topics of *Chrysobothris* biology, pest status in different states and commodities and current management practices. Ongoing research results on FAB and PFB will be presented. Speakers will include individuals from university, government and industry who work on borer management.

Round Table Discussions

Question and answer sessions will follow each presentation. Two one-hour brainstorming sessions will take place at the end of the morning and afternoon sessions to identify information gaps for *Chrysobothris* management.

RSVP

Seating is limited. Please **RSVP by June 24th** if you plan to attend the session in person. Lunch will be provided to all on-site attendees. If you wish to view the workshop remotely, a web link will be provided to you. Only registered attendees will receive a web link.

Name: _____

Occupation: _____

State of Residence: _____

Commodity of Interest (choose all that apply):

Nursery
 Landscape
 Tree Nuts/Fruits
 Other _____

Phone: _____

Email: _____

I will attend:

In person
 Remotely

Special Dietary Needs:

Fill out and email this form back to: kaddesso@tnstate.edu or mail to TSU-NRC, 472 Cadillac Lane, McMinnville, TN 37110