



66th Annual Meeting of the California Forest Pest Council – 2017

Responding to Large-Scale Tree Mortality in Urban and Rural Communities

November 15 – 16, 2017

UC Davis Campus
Student Community Center Multipurpose Room
Davis, CA 95616

Wednesday, November 15, 2017

11:30 am – 12:30 pm Registration

12:30 Welcome – Bob Rynearson, California Forest Pest Council (CFPC) Chairperson;
W. M. Beaty and Associates, Inc.

12:35 2017 Aerial Survey Pest Conditions Highlights – Jeff Moore, US Forest Service (FS)

12:50 Update on Invasive Plants in California – Doug Johnson, CA Invasive Plant Council

1:05 – 2:35 Insect Committee Meeting

Moderator: Steve McKelvey, CFPC Insect Committee Chairperson; Evergreen Environmental Solutions

Asian Gypsy Moth – Jason Leathers, California Department of Food and Agriculture (CDFA)

Balsam Woolly Adelgid in California – Cynthia Snyder, USFS

An Update on Goldspotted Oak Borer – Andrea Hefty, USFS

Using Drones to Go beyond Stand Density: Spatial Features of Western Pine Beetle-Attacked Forests – Mike Koontz, UC Davis

Insect Committee Business Meeting – Steve McKelvey

2:35 – 2:50 BREAK

2:50 – 4:00 Disease Committee Meeting

Moderator: Patricia Maloney, CFPC Disease Committee Secretary; Tahoe Environmental Research Center; UC Davis

New *Cylindrocladium* Blight on California Bay Laurel and Potential New Hosts of *Phytophthora ramorum* in California – Suzanne Latham, CDFA

Sudden Oak Death and Fire in Big Sur – Kerri Frangioso, UC Davis

Ganoderma in the Almond Forest of the Central Valley
Andrew ‘Bob’ James Johnson, UC Davis

Disease Committee Business Meeting – Tom Smith, CFPC Disease Committee Chairperson;
California Department of Forestry and Fire Protection (CAL FIRE)

4:00 – 4:15 BREAK

4:15 – 5:15 Pesticide Laws and Regulations

Moderator: Scott Carnegie, CFPC Vice Chairperson; W.M. Beaty and Associates, Inc.

1) Assessing the Risk of Forestry Herbicides on Fish and Wildlife and 2) Glyphosate/Carcinogen
Joel Trumbo, California Department of Fish and Wildlife

5:15 – 6:30 Poster Session and Social

5:15 Introducing CALinvasives - Matteo Garbelotto, UC Berkeley

5:20 Poster Session and Social

During the poster session, Matteo Garbelotto will feature CALinvasives - a web-based relational database and content management system cataloging the statewide distribution of invasive pathogens and pests and the plant hosts they impact. The database has been developed as a collaboration between the Forest Pathology and Mycology Laboratory at UC Berkeley and Calflora. CALinvasives will combine information on the dispersal potential of pathogen and pest threats, the current location of each, the hosts threatened, and their distribution, making it possible to assess the risk posed by each existing and emerging threat to California’s native habitats. Learn how this database can help you and how you can help to make it even more dynamic.

Thursday, November 16, 2017

7:00 – 8:00 am Registration

8:00 Welcome – Bob Rynearson, CFPC Chairperson; W. M. Beaty and Associates

8:10 – 10:10 California Pest Problems: A Case Study of Invasive Shot Hole Borers

Moderator: Bob Atkins, Invasive Species Council of California

This session features presentations on invasive species response and management from the perspectives of various agencies. The discussion will explore how to address widespread invasive species impacts in situations where no single organization has the resources or authority to take action and collaboration is needed.

Overview of the Invasive Shot Hole Borer/Fusarium Dieback Complex in California

John Kabashima, UC Cooperative Extension (UCCE), Orange County, Emeritus

USDA Animal and Plant Health Inspection Service – Russ Bulluck

USFS – Sherry Hazelhurst

CDFA – David Pegos

CAL FIRE – Helge Eng

US Fish and Wildlife Service – Dustin Taylor and Eric Porter

Discussion

10:10 – 10:30 BREAK

10:30 – 11:30 California Wildlife

Moderator: Greg Giusti, CFPC Animal Damage Chair; UCCE, Lake-Mendocino County, Emeritus

Voles (*Microtus*) on a Redwood Planting – Greg Giusti

Black-Backed Woodpeckers, Fire, and Drought - Understanding Resource Needs of a Disturbance Specialist - Bob Wilkerson, The Institute for Bird Populations

Best Management Practices in Counting Urban Black Bears

Jonathan Fusaro, California Department of Fish and Wildlife

11:30 – 12:30 LUNCH (provided)

12:30 – 1:15 CFPC Business Meeting (open to all) - Bob Rynearson

1:15 – 3:45 Vegetation Management in Forests with High Levels of Tree Mortality

Moderator: Steve Ostoja, USDA California Climate Hub

Land managers face novel challenges to manage vegetation in areas with unprecedented levels of tree mortality. How can forests be managed in the face of physical hazards from risk of tree failure, heavy fuel loads, and a changing climate? Representatives managing public and private lands will discuss approaches and concerns.

Managing California's Forests in a Future with Climate Change, Insects and Wildfire
Steve Ostoja

Drought, Tree Mortality, and Wildfire in Forests Adapted to Frequent Fire
Scott Stephens, UC Berkeley

Updates: Governor's Tree Mortality Task Force and US Forest Service Tree Mortality Response Team
Stephanie Gomes, USFS
Helge Eng, CAL FIRE

Conifer Mortality and Fuel Loading Changes Due to Bark Beetles and Drought in Central and Southern California – Sharon Hood, USFS Rocky Mountain Research Station

Management Planning and Implementation on US Forest Service Land
Carolyn Ballard, USFS Sierra National Forest

Management Planning and Implementation on National Park Service Land
Brian Mattos, Yosemite National Park (NP)
Tom Warner, Sequoia and Kings Canyon NPs

Management Planning and Implementation on Private Land
Tim Tate, Sierra Pacific Industries

Discussion

3:45 – 4:00 BREAK

4:00 – 4:45 Diagnostic Tools for Assessing Tree Health

Moderator: Matt Dias, California Board of Forestry and Fire Protection

Acoustic and Electrical Impedance Tomography to Detect and Quantify Wood Decay in Living Trees – Gregory S. Gilbert, UC Santa Cruz

Sniffing Cryptic Infections: Progress towards Characterizing the Volatile Signature of *Phytophthora*-Infected Nursery Plants – Rick Bostock, UC Davis

4:45 ADJOURN