



## **65th Annual Meeting of the California Forest Pest Council – 2016**

### **California Forests – Severe Drought Takes Its Toll**

November 15 – 16, 2016

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

#### **Tuesday, November 15, 2016**

11:30 am – 12:30 pm Registration

12:30 - 12:35 Welcome – Bob Rynearson, California Forest Pest Council (CFPC) Chairperson;  
W. M. Beaty and Associates, Inc.

12:35 – 12:45 2016 Aerial Survey Pest Conditions Highlights – Jeff Moore, USDA Forest  
Service (FS)

12:45 – 1:05 Update on Invasive Plants in California - Doug Johnson, CA Invasive Plant  
Council

#### **1:05 – 2:40 Insect Committee Meeting**

Moderator: Steve McKelvey, Insect Committee Chairperson; Foothill Tree Service

1:05 – 1:22 (15 hold questions, 2 min change) Pine Bark Beetle Impacts and Management in the  
Southwestern United States – Richard Hofstetter, Northern Arizona University

1:22 – 1:39 (15 hold questions, 2 min change) Goldspotted Oak Borer Update - Andrea Hefty,  
USDA FS

1:39 – 1:56 (15 hold questions, 2 min change) Fusarium Dieback: Host Range, Biology, and  
Control Strategies in Native Vegetation in Southern California – Akif Eskalen, CFPC At-  
Large Director; UC Riverside

1:56 – 2:11 (15 hold questions): Impacts to Federally Listed and Other Species Related to Tree  
Mortality in Riparian Areas Caused by Shot Hole Borers – Patrick Gower, US Fish and  
Wildlife Service

2:11 – 2:30 Group Discussion

2:30 – 2:40 Insect Committee Business Meeting - Steve McKelvey

2:40 – 2:50 BREAK

**2:50 – 4:00 Disease Committee Meeting**

Moderator: Patricia Maloney, Committee Secretary; UC Davis Plant Pathology Department

2:50 - 3:10 (15+5) - More on *Tubakia* Species on Oak and *Cylindrocarpon* Species on Bay  
Cheryl Blomquist, California Department of Food and Agriculture (CDFA)

3:10 – 3:30 (15+5) Unusual Canker and Bluestain Fungi: New to the North Coast, or Just New to Us? – Chris Lee, CFPC At-Large Director; California Department of Forestry and Fire Prevention (CAL FIRE)

3:30 – 3:50 (15+5) Pitch Canker in Bishop Pine: A Tale of Two Populations - Tom Gordon, UC Davis

3:50 – 4:00 Disease Committee Business Meeting  
Tom Smith, Disease Committee Chairperson; 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.

4:15 – 5:15 Pesticide Laws and Regulations Update - David Bakke, USDA FS

**5:15 – 6:30 Poster Session and Social**

Marc E. Epstein, California Department of Food & Agriculture will have a booth with our plant pathologists and will be offering a brief quiz on forest insects and their damage as well as several insect drawers to show and perhaps a video of leaf-mining moths on a laptop screen.

**Wednesday, November 16, 2016**

7:00 – 8:00 am Registration

8:00 – 8:10 Welcome - Bob Rynearson, CFPC Chairperson; W. M. Beaty and Associates, Inc.

**8:10 – 10:10 Responding to Tree Mortality in the Sierras**

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

8:10 – 9:22 (hold for questions, 2 min change) California's Response to Accelerated Tree Mortality in the Sierras - Gabe Schultz and Rick Carr, California Tree Mortality Task Force; CAL FIRE

9:22 – 9:42 (hold for questions) U.S. Forest Service Pacific Southwest Region’s Response to Elevated Tree Mortality – Chris Fischer, USDA FS

9:42 – 10:10 Discussion

10:10 – 10:30 BREAK

**10:30 – 11:45 Responding to Tree Mortality in the Sierras, cont.**

Moderator: Helge Eng, CAL FIRE

10:30 – 10:57 (25 hold questions, 2 min change) The Recent Wave of Tree Mortality in the Sierras: Causes, Consequences, and Comparisons with Similar Events in Western Forests - Leif Mortenson, CFPC Insect Committee Secretary; USDA FS PSW Research Station

10:57 – 11:22 (25 hold questions) An Overview of Drought Impacts on Whole Tree Physiology, Morbidity, and Death - Steve Voelker, Utah State University

11:22 – 11:45 Discussion

11:45 – 12:45 LUNCH (provided)

**12:45 – 1:15 CFPC Business Meeting** (open to all) (including 5 min each task force updates) - Bob Rynearson

**1:15 – 3:05 Management Response/Implementation Panel**

Moderator: Sheri Smith, USDA FS

1:15 – 1:37 (20 hold questions, 2 min change) Tuolumne County Response – Mike Albrecht, Sierra Resource Management; Tuolumne County Tree Mortality Task Force

1:37 – 1:59 (20 hold questions, 2 min change) Pacific Gas and Electric Company 2016 Drought and Bark Beetle Emergency Response - Kamran Rasheed, PG&E

1:59 – 2:21 (20 hold questions, 2 min change) Managing Tree Mortality Adjacent to California’s Roadways - Darold Heikens, Caltrans Division of Maintenance

2:21 – 2:41 (20 hold questions) Status and Trends of Industry Infrastructure and Markets to Utilize California Tree Mortality – Larry Swan, USDA FS

2:41 – 3:05 Group Discussion

3:05 – 3:15 BREAK

**3:15 – 4:30 Wildlife**

Moderator: Greg Giusti, UC Cooperative Extension, Lake/Mendocino Counties

3:15 – 3:40 (20 + 5) Emerging Mega-Disturbances in California's Sierra Nevada: Burning Questions about Spotted Owls and Fire– Gavin Jones, University of Wisconsin-Madison

3:40 – 4:10 (25 + 5) Lyme Disease in Dense Forests: Transmission Cycles and Risk Factors - Robert Lane, UC Berkeley, Emeritus

4:10 – 4:30 (15 + 5) Ground and Tree Squirrels - A Tale of Two Tails - Greg Giusti, UCCE Lake/Mendocino Counties

4:30 ADJOURN