



## **64th Annual Meeting of the California Forest Pest Council – 2015**

### Sequestering Carbon in Struggling Forests

November 4 – 5, 2015

USDA Forest Service, Wildland Fire Training & Conference Center  
Hamm and Loop Rooms  
3237 Peacekeeper Way  
McClellan, CA 95652

### **Wednesday, November 4, 2015**

11:30 am – 12:30 pm Registration and Welcome Reception

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

12:35 – 12:45 Overview of 2015 California Forest Health Aerial Survey  
Jeffrey Moore, USDA Forest Service (FS), Forest Health Protection (FHP)

### **12:45 – 1:50 Insect Committee Meeting**

Moderator: Beverly Bulaon, USDA FS FHP

SPLAT<sup>®</sup> Verb: A New Player in the Field of Semiochemical “Control” for Bark Beetles  
Chris Fettig, USDA FS Pacific Southwest Research Station (PSW)

Tree Mortality Associated with Severe Drought and Bark Beetles in Southern California  
Tom Coleman, USDA FS FHP

In Search of the Ponderosa Pine Twig Scale: The Value of Taking a Closer Look  
Don Owen, California Department of Forestry and Fire Protection (Cal Fire)

1:50 – 2:10 BREAK

### **2:10 – 3:50 Disease Committee Meeting**

Moderator: Patricia Maloney, Committee Secretary; UC Davis

*Phytophthora* Species Infesting Soil in a California Forest Affected by Sudden Oak Death  
Tyler Bourret, UC Davis

White Pine Blister in California: Ecology and Conservation

Patricia Maloney, UC Davis and Detlev Vogler, USDA FS, PSW Research Station

Compounded Impacts of Wildfire and an Invasive Forest Pathogen on Regeneration in Coastal Forests - Allison Simler, UC Davis

Forest Diseases and Carbon Dynamics - Richard Cobb, UC Davis

3:50 – 4:00 BREAK

**4:00 – 4:30 Utilization of Wood from Millions of Dead and Dying Trees, Special Session**

Moderator: Susan Frankel, USDA FS PSW

Managing Millions of Drought-Killed Trees: Can the Wood be Utilized?

Peter Tittmann, UC Center for Forestry

**4:30 – 5:30 Pesticide Laws and Regulations**

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

Pesticide Laws and Regulations Update - David Bakke, USDA FS FHP

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

Test your pest prowess at the “Diagnostician’s Corner” during the Poster Session and possibly win a prize! Come prepared to challenge your knowledge on forestry and landscape pests as well as invasive species with Diagnosticians Cheryl Blomquist and Suzanne Rooney-Latham of the California Department of Food and Agriculture (CDFA). Cheryl and Suzanne will also be available to look at any disease samples or discuss any tree problems you might have.

Check out the Forest Pest Observation Database Application (FPODA) demonstration and interactive opportunity with Danny Cluck of the USDA FS FHP. Find out what information is available for use in the field and how you can help add to the database.

**Thursday, November 5, 2015**

7:00 – 8:00 am Registration (coffee, tea, and light breakfast provided)

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

**8:10 – 9:25 Updates on California Forest Pests**

Moderator: Pete Angwin, USDA FS FHP

An Update on *Phytophthora* Species in Native Plant Nurseries and Outplanted Material in Restoration Areas – Suzanne Rooney-Latham, CDFA

Fusarium dieback, an Emerging Exotic Disease/Pest Complex Causing Dieback throughout  
Agricultural, Urban, and Wildland Landscapes in Southern California  
Akif Eskalen, UC Riverside

*Phytophthora ramorum*: New Developments – Chris Lee, Cal Fire

9:25 – 9:45 BREAK

**9:45 – 11:00 Drought: Monitoring, Ecology, and Impacts**

Moderator: Sheri Smith, USDA FS FHP

Tools for Drought Monitoring and Seasonal Drought Prediction in California - Daniel J.  
McEvoy, Western Regional Climate Center and Desert Research Institute, Reno, Nevada

The Role of Competition vs. Drought in Pine Susceptibility to Bark Beetle Attack  
Nancy Grulke, USDA FS Western Wildland Environmental Threat Assessment Center,  
Prineville, OR

Forest Health Monitoring Collection and Reporting Tools – Status and Future Directions  
Frank Krist, USDA FS, Forest Health Technology Enterprise Team, Fort Collins, Colorado

**11:00 – 12:30 Forest Health Impacts over Time**

Moderator: Leif Mortenson, USDA FS PSW

Long-Term Dead Wood Changes in a Sierra Nevada Mixed Conifer Forest: Habitat and Fire  
Hazard Implications - Eric Knapp, USDA FS PSW

Lessons Learned from California Department of Food and Agriculture Eradication Programs  
Bob Dowell, CDFA (retired)

The Pacific Madrone (*Arbutus menziesii*) Common Garden Study: A Range-Wide Examination  
of Genetic Variability, Diseases, Pests, and Impacts of Climate Change  
Marianne Elliott, Washington State University, Puyallup

12:30 – 1:30 LUNCH (provided) – CFPC Executive Committee meeting

**1:30 – 2:00 CFPC Business Meeting (all attendees)** - Bob Rynearson

**2:00 – 3:30 Carbon Sequestration**

Moderator: Helge Eng, Cal Fire

Aboveground Live Carbon Stock Changes of California Wildland Ecosystems, 2001–2010  
John J. Battles, UC Berkeley, Environmental Science, Policy, & Management

Regional Controls on Organic Carbon in Forest Soils  
Toby O’Geen, UC Davis, Cooperative Extension

Carbon Calculator Tracks the Climate Benefits of Managed Private Forests  
William Stewart, UC Berkeley, Cooperative Extension

3:30 – 3:45 BREAK

**3:45 – 5:00 Wildlife Session**

Moderator: Greg Giusti, Animal Damage Chair; UC Cooperative Extension, Lake-Mendocino County

Wild Pigs in California - Reginald Barrett, UC Berkeley (retired)

The Historical Range of Beaver (*Castor canadensis*) in Coastal California: An Updated Review of the Evidence - Brock Dolman, Occidental Arts and Ecology Center

The Environment through the Eyes of Butterflies

James Mori, Entomologist, Occidental Chemical, and Pesticide Advisor (retired)

5:00 ADJOURN