



63rd Annual Meeting of the California Forest Pest Council – 2014

California Forest Health – Coping with Drought, Insects, and Pathogens

November 12-13, 2014

USDA Forest Service, Wildland Fire Training & Conference Center
Rattlesnake and 30-Mile Meeting Rooms
3237 Peacekeeper Way
McClellan, CA 95652

Wednesday, November 12, 2014

11:30 – 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 – 12:50 2014 Aerial Survey Report and Forest Pest Observation Database Reporting
Zachary Heath, USDA Forest Service (FS), Forest Health Protection (FHP)
Leo Liu, USDA FS FHP

12:50 – 2:10 Insect Committee Meeting

Moderator: Cynthia Snyder, Insect Committee Secretary; USDA FS FHP

Host Plant Range of the Invasive Polyphagous Shot Hole Borer
Yigen Chen, UC Davis Department of Entomology and Nematology

Host Colonization and Flight Patterns of the Walnut Twig Beetle in New Mexico
Corwin Parker, UC Davis Department of Entomology and Nematology

Emerald Ash Borer: Threats to California and Oregon Native Ash
Wyatt Williams, Oregon Department of Forestry, Private Forests Division

Insect Committee Business Meeting - Beverly Bulaon, Insect Committee Chairperson, USDA FS

2:10 – 2:20 BREAK

2:20 – 4:15 Disease Committee Meeting

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

Investigating the Drought Ecology of *Phytophthora ramorum* in a San Francisco Watershed Forest
Laura Lee Sims, UC Berkeley Environmental Science, Policy, and Management Department

Shifting Distributions of Pitch Canker Lesion Lengths in Monterey Pine as a Result of Systemic Acquired Resistance - Greg Reynolds, UC Davis Plant Pathology Department

Modes and Mechanisms of Resistance to Blister Rust in California's Six Native White Pines
Detlev Vogler and Annette Delfino-Mix, USDA FS PSW Institute of Forest Genetics

Pathogens, Bark Beetles, and Tree Mortality a Decade After Burning and Thinning Treatments in a Sierra Nevada Mixed-Conifer Forest - Ashley Hawkins, UC Davis Plant Pathology Department

Disease Committee Business Meeting - Tom Smith, Committee Chairperson; CAL FIRE

4:15 – 4:30 BREAK

4:30 – 5:30 Pesticide Laws and Regulations

Moderator: Scott Carnegie, W. M. Beaty and Associates, Inc.

Pesticide Laws and Regulations Update - David Bakke, USDA FS

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.

Thursday, November 13, 2014

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

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

8:10 – 9:10 New and Noteworthy

Moderator: Kim Corella, CAL FIRE

Phytophthora tentaculata, a New *Phytophthora* Species Causing Root and Crown Rot of Ornamentals and Native Plant Species in California Nurseries - Suzanne Rooney Latham, CDFA

Foamy Canker on Oak - *Geosmithia pallida*, Spread by Western Oak Bark Beetle (*Pseudopityophthorus pubipennis*) - Shannon Lynch, UC Riverside Center for Conservation Biology

Plant Pathology Challenges in the Desert - Cheryl Blomquist, CDFA

9:10 – 10:30 Updates on Significant California Forest Pests

Moderator: Phil Cannon, USDA FS FHP

SOD in Trinity County and Other Sudden oak death updates for 2014

Yana Valachovic, UC Cooperative Extension (UCCE), Humboldt and Del Norte Counties

Status of *Fusarium* Dieback/Polyphagous Shot Hole Borer in California

Akif Eskalen, UC Riverside Plant Pathology and Microbiology Department

Phytophthora Species Move From Native Plant Nurseries Into Restoration Plantings

Ted Swiecki, Phytosphere Research

Feral Swine: California's Universal Invasive Pest - Shannon Chandler, USDA APHIS Wildlife Services

BREAK 10:30 – 10:40

10:40 – 11:40 Coping with Drought

Moderator: George Gentry, California State Board of Forestry and Fire Protection

Consequences of Drought-Induced Forest Mortality and Interactions With Other Disturbances

Jeff Kane, Humboldt State University Forestry and Wildland Resources Department

Forests, Water, Climate and Disturbance in the Sierra Nevada

Phil Saksa, Sierra Nevada Research Institute, UC Merced

Impacts of the Drought in the Upper Tuolumne River Basin

Adam B. Mazurkiewicz, Water Operations Analyst, Hetch Hetchy Regional Water System

11:40 – 12:40 LUNCH (provided)

12:40 – 1:10 CFPC Business Meeting (including task force updates) - Bob Ryneerson

1:10 – 2:10 Fuels: Ecology and Management

Moderator: Don Owen, CAL FIRE

Fuel Reduction Practices and Their Effects on Soil Quality - Matt Busse, USDA FS PSW

Changes in Fuel Loading Associated With an Invasive Wood Borer in Oak Woodlands of Southern California
Tom Coleman, USDA FS FHP

Managing Fuels by Creating a Biomass Treatment Plant - Brett Storey, Placer County Planning Department

2:10 – 3:10 Invited Speakers

Moderator: Chris Fischer, USDA FS PSW State and Private Forestry

Forest Health in Oaxaca, a View and Comparison From Southern Mexico

Adrian Poloni, Fulbright Garcia-Robles, Centro de Interdisciplinario de Investigacion para el Desarrollo Integral Regional, Oaxaca, and Environmental Studies, University of Redlands

Burl Poaching and SOD, Impacts to Forests in Redwood National and State Parks

Leonel Arguello, Redwood National Park

The Future of the Redwood Forest - Richard Campbell, Save the Redwoods League

BREAK 3:10 – 3:30

3:30 – 4:50 Status of California Wildlife Populations

Moderator: Greg Guisti, UCCE Lake and Mendocino Counties

Conservation of Frog Populations in the Sierra Nevada - Cathy Brown, Stanislaus National Forest

Feasibility and Effectiveness of a Pilot Barred Owl Removal Experiment on Private Timberlands

Lowell Diller, Private Consultant for Green Diamond Resource Company

Can California Golden Trout Streams Handle Cattle Grazing and Climate Warming?

Kathleen Matthews, USDA FS PSW

Ecology and Impacts of Infectious Diseases on California Hummingbirds

Lisa Tell, UC Davis Medicine and Epidemiology Department

4:50 ADJOURN