

2023 CFPC Annual Meeting

Toward Healthy Forests in California: Marking Change, Fostering Resilience

Date: Tuesday, November 14, 2023 – Wed. Nov. 15, 2023

Location – Putah Creek Lodge, UC Davis

TUESDAY, NOVEMBER 14th

1:00-1:15 Meeting Introduction and Housekeeping—Bob Rynearson, CFPC Chair

1:15 -2:00 Disease Committee Meeting

Moderator: Tom Smith (Cal Fire), Disease Committee Chair

***Coniophora puteana* and redwood decay after the CZU Complex** -- Elizabeth (Liz) Rennie, UC Santa Cruz

The white pine blister rust pathogen: Range expansion in southern CA—Charlie Barnes, USDA Forest Service, Pacific Southwest Region, Forest Health Protection

Disease Committee business meeting (5 minutes)

2:00-2:45 Insect Committee Meeting

Moderator: Michael Jones (UCCE), Insect Committee Chair

Observations of balsam woolly adelgid and other pests on north coast grand firs—Wallis Robinson, UCCE Humboldt-Del Norte

Oak acorn ecology and associated pests in 2023—Michael Jones, UCCE Mendocino-Lake-Sonoma

Insect Committee business meeting (5 minutes)

2:45-3:00 Break

3:00-4:15 Tour of UC Davis Bohart Museum of Entomology

Leader – Sebastian Fajardo, UC Davis

4:15 – 4:30 Break

4:30-5:30 Pesticide Updates *Moderator TBD*

Forest pesticide update--Stacey Clark, USDA Forest Service, Pacific Southwest Region

Further updates--Danielle Lindler, Jefferson Resource/CFPC

5:30-6:30 Evening Social and Poster Session

WEDNESDAY, NOVEMBER 15th

8:30 - 9:45 am Forest Health Year in Review, Part I Moderator TBD

USDA Forest Service, 2023 Aerial Detection of Tree Mortality Survey-- Jeff Moore, US Forest Service, Pacific Southwest Region, Forest Health Protection

California Department of Food and Agriculture (CDFA) Plant Pest Diagnostic Center 2023 Annual Report--Suzanne Latham, CDFA PPDC

Mediterranean oak borer – Citrus Heights and other expansions, legislative action – Curtis Ewing, Cal Fire

Emerald Ash Borer Action Plan and Monitoring — Joanna Fisher, California Department of Food and Agriculture

9:45 - 10:00 Break

10:00-11:30 Forest Health Year in Review, Part II: California Forest Health Field Notes

Moderator: Susan Frankel, US Forest Service, PSW Research Station

Observations of red fir decline and die-off in the Southern Sierras – Beverly Bulaon, US Forest Service, Forest Health Protection, Sonora [6 + 2 for q & A + 1 change time – 9 total]

One can visit one forest two or three times a year for 10 yrs and on the 11th yr (because it was a particularly wet year) see something you had not seen before; snow mold or other – Martin MacKenzie, US Forest Service, Forest Health Protection, Sonora [6 + 2 for q & A + 1 change time – 9 total]

Pathogen Observations in Northwestern California - Ashley Hawkins, US Forest Service, Forest Health Protection, Redding [6 + 2 for q & A + 1 change time – 9 total]

Pathogen Observations in Northeastern California - Bill Woodruff, US Forest Service, Forest Health Protection, Susanville [6 + 2 for q & A + 1 change time – 9 total]

Checking the Russian Wilderness for spruce beetle – Cynthia Snyder, US Forest Health Service, Forest Health Protection, Redding [6 + 2 for q & A + 1 change time – 9 total]

Extreme Sitka spruce defoliation in the north coast in 2023 – Chris Lee, CAL FIRE [6 + 2 for q & A + 1 change time – 9 total]

Emerging oak issues of the Southwest – Charles Barnes, US Forest Service, Forest Health Protection, San Bernardino and Nicholas P. Wilhelmi, US Forest Service, Forest Health Protection, Arizona Zone [6 + 2 for q & A + 1 change time – 9 total]

Acute oak decline in Southern California – Tom Smith and Kim Corella, CALFIRE [6 + 2 for q & A + 1 change time – 9 total]

Acute oak decline and other emerging bacterial diseases of trees in California - Sebastian Albu, California Department of Food and Agriculture, Plant Health and Pest Prevention Services - Plant Pest Diagnostics Lab, Sacramento. 15 min total.

11:30 - 12:30 Student Presentations *Moderator TBD*

[6 talks in 60 min.; 7 presentation time + 2 Q & A +1 change time)

Entomology

Wildfire effects on yellowjacket wasp communities in mixed-conifer forests of the Californian central Sierra Nevada - Gabe Foote, UC Davis, gfoote@ucdavis.edu

Impacts and Management of Western Pine Beetle in the Sierra Nevada During a Period of Rapid Change - Crystal Homicz, UC Davis, cshomicz@ucdavis.edu

Pathology

Assessing the Effects of Sudden Oak Death on Tree Species Composition in a Mixed Evergreen Forest - Alex Martin, Sonoma State University; martinale@sonoma.edu

Remote Sensing of Heterobasidion Root Disease in Plumas National Forest - Alex Flores, Sonoma State University, floredavid@sonoma.edu

Diversity of fungal pathogens causing Pine cankers and dieback in Southern California - Marcelo I. Bustamante, UC Davis, mibustamante@ucdavis.edu

Phylogenetic and phylogenomic approaches for the discovery of a new *Seiridium* species - Edoardo Scali, UC Berkeley, edoardo_scali@berkeley.edu

12:30-1:30 LUNCH

1:30-1:50 CFPC Business Meeting – Bob Rynearson, CFPC Chair

1:50-3:15 Climate, Pests, and Forest Resilience *Moderator TBD*

Western pine beetle voltinism in a changing California climate - Barbara Bentz, US Forest Service, Rocky Mountain Research Station

Carbon stored in live ponderosa pines in the Sierra Nevada will not return to pre-drought (2012) levels during the 21st century due to bark beetle outbreaks and Warming increased bark beetle-induced tree mortality by 30% during an extreme drought in California - Zachary J. Robbins, North Carolina State University

Forest restoration treatments for sudden oak death: balancing carbon, fuels, and capacity – Richard Cobb, Cal Poly San Luis Obispo

Reforestation California: Challenges and Successes—Jimi Scheid, CAL FIRE

3:15-3:30 BREAK

3:30- 4:30 Mega-Disturbance in California Forests *Moderator TBD*

Mega-disturbances cause rapid decline of mature conifer forest habitat in California—Zachary Steel, UC Berkeley

The 2020 California fire season: a year like no other, a return to the past or a harbinger of the future?— Ali Paulson, Forest Ecologist, Humboldt-Toiyabe NF