

Fire-Injured Trees: Predicting Mortality and Assessing Hazard

October 16, 2019, Wednesday

In the aftermath of fires, professionals are often asked to assess the health of trees within private and public lands. But making decisions on the health and probability of mortality in fire-injured trees can be complicated. There are many factors to assess and this workshop will present information to aid in the assessment of the health of trees after a fire, particularly California native conifers and oaks.



The workshop will begin with brief classroom presentations discussing types of fire-related injuries, how to determine if a tree will survive fire related injuries, insect activity post-fire, post-fire decay and the potential hazards of decay. Following the classroom presentations the workshop will proceed to a field site within the Camp Fire burn scar to examine fire-injured trees and continue the discussion on how to assess hazard and predict tree mortality.

Time, Place and Registration

This workshop will be held from **9:00 a.m. to 5:00 p.m.** on **Wednesday, 16 October 2019**, and will begin with classroom instruction in Room 129 Holt Hall, on the Chico State University Campus and will continue with a field site visit in the Camp Fire burn area. The registration fee is \$110 personal, \$130 business, \$100 for members of Friends of the Herbarium, and \$50 student (only 2 seats available at the student price). You must register in advance, using the form on the next page. Class size is limited to 30 participants; class will be cancelled on 4 October if there are not at least 15 registered participants. For information about registration or to register using credit card please contact the Biology office at sscholten@csuchico.edu or (530) 898-5356. For more information about workshop content please contact the instructor.

What to bring: Bring a hard hat and water. It is also recommended to bring a sack lunch (there will only be a short break before travelling to the field site).

Instructors

Danny Cluck, Forest Entomologist, US Forest Service, Susanville, CA.

Danny earned his B.S. in Biology at Humboldt State University and has 27 years of experience working for the US Forest Service (USFS) in Northeastern California. During his time working for the USFS he has studied post-fire bark and woodboring beetle activity and snag fall rates of fire-killed trees. He has also developed the fire-injured tree marking guidelines and hazard tree guidelines for the USFS Pacific Southwest Region. Danny's primary fields of interest are bark beetle ecology, forest stand dynamics and fire ecology. His email is: danny.cluck@usda.gov.

Bill Woodruff, Plant Pathologist, US Forest Service, Susanville, CA.

Bill earned his B.S. in Forestry and M.S. in Plant Pathology at the University of Minnesota and his M.S. in Forest Engineering at Oregon State University. He has 41 years of experience working for the USFS including 16 years as a forester in Utah, Oregon and California and 25 years as a plant pathologist in Northeastern California. He has extensive experience with post-fire salvage of fire-injured trees in Utah and California. Bill's primary fields of interest include root disease and dwarf mistletoes. Email is: william.woodruff@usda.gov.

Workshop registration form

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Please make your check payable to “Chico State Enterprises” and
include “Fire Injured Trees Workshop” on the memo line and mail to:

Friends of the Herbarium
California State University, Chico
Chico, CA 95929-0515

To pay with credit card call the Biology office at (530) 898-5356

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

PHONE: _____

E-MAIL: _____

AMOUNT ENCLOSED: _____

Cancellation policy: No refund for cancellation within 7 days of the workshop date.

*This workshop has been approved for the following International Society of
Arboriculture (ISA) Continuing Education Units (CEUs):*

Certified Arborists, Tree Workers, and Municipal Specialists: 6.50 CEUs

Board Certified Arborists: 2.00 CEUs

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