



UC ANR California Naturalist Program

University of California
Agriculture and Natural Resources

Course instructors

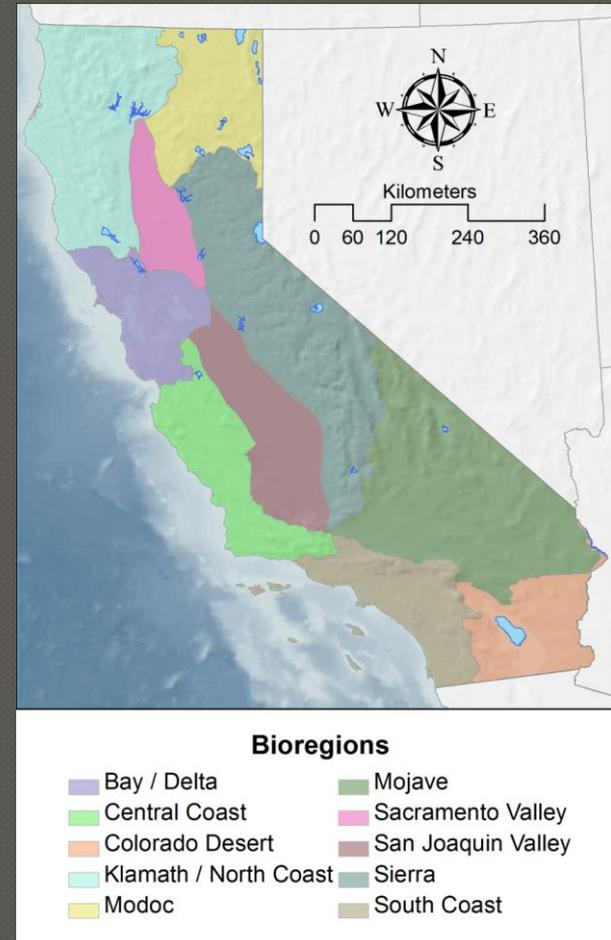
- Paige DeCino, Preserve Calavera
 - Karen Merrill, Preserve Calavera
 - Isabelle Kay, UCSD Natural Reserve System
 - Rocco Valluzzi (Teaching assistant)
-
- Bios of instructors and guest speakers are in the Portal

-
- What is the UC California Naturalist Program?
 - Accomplishments to date
 - Course Elements
 - Continuing Education & Opportunities
 - Building a community of practice

California's diversity & challenges

California is one of the most diverse places on Earth

- 30,000 species of insects
- 63 of freshwater fish
- 46 amphibians
- 96 reptiles
- 563 birds
- 190 mammals
- more than 8,000 plants
- **Many are endemic to CA**



We cannot protect and restore California's unique ecology without an environmentally literate, engaged public

**JOIN OUR NEW
COMMUNITY OF PRACTICE**



MUST HAVE

- Environmental literacy
- Scientific and social understanding
- Interpretive skills
- Involved in collaborative conservation



**Becoming a naturalist
offers a chance to
explore nature and
deepen your
understanding of how
nature works**

The mission of the California Naturalist Program is to foster a diverse community of naturalists and promote stewardship of California's natural resources through education and service



What do naturalists do?



- **Spend time outside observing nature**
- **Draw/photograph nature**
- **Take notes**
- **Identify and collect**
- **Help steward the land**
- **Interpret nature**
- **Participate in citizen science**
- **Promote conservation**
- **Support science & education institutions**
- **Have fun!**

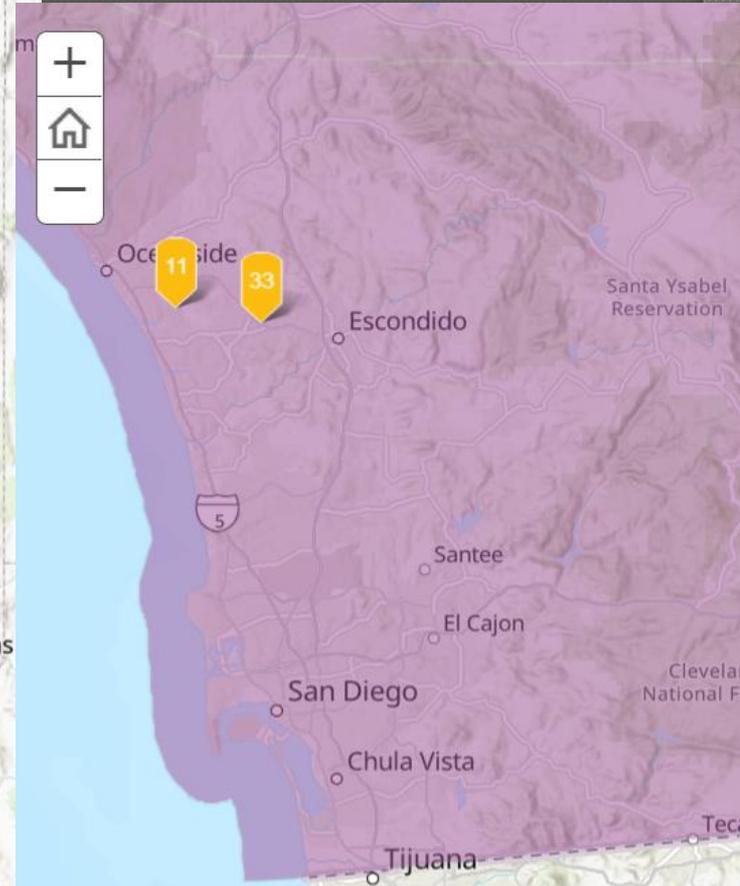
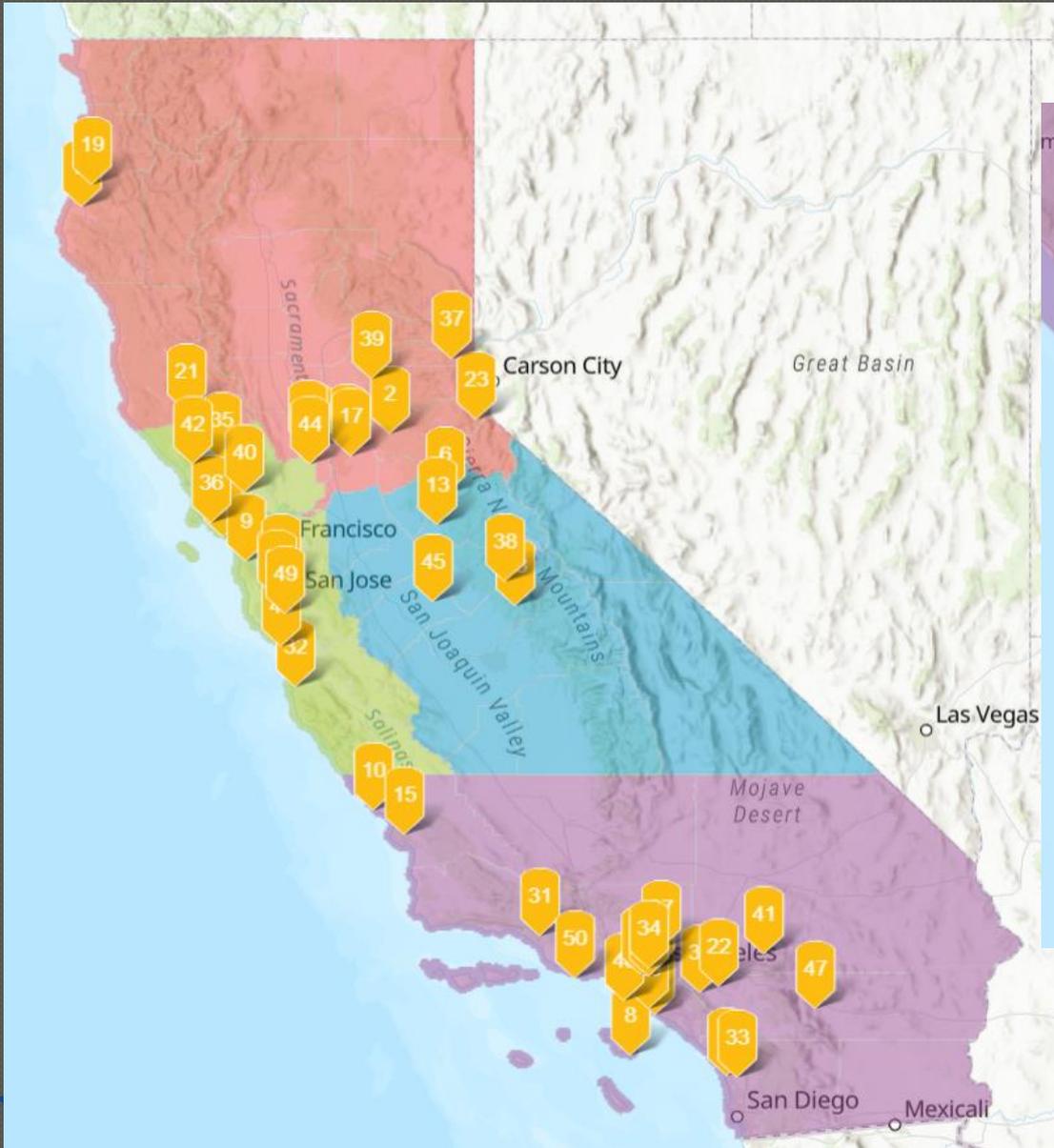


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UNIVERSITY OF CALIFORNIA

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California Naturalist Program Partners



Connecting Multiple Audiences



Retired volunteer with California Audubon – California Christmas Bird Count

**Traditional
Audiences**



Bridge to Parks Careers graduates from LA's Mountains Recreation & Conservation Authority

**Non-Traditional
Audiences**

**Mutual Learning
Exchange**

To Date:

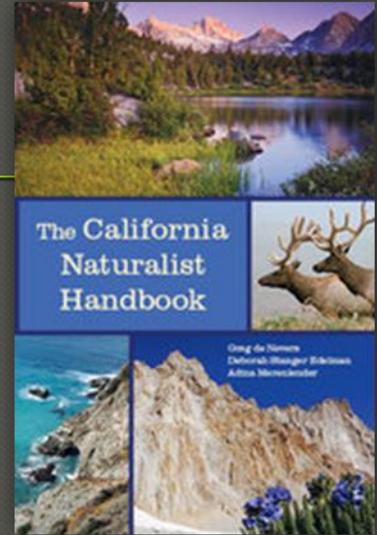
Over 4000 Certified California
Naturalists and Naturalists-in-Training
have logged 200,000+ volunteer hours



Every Certified CA Naturalist completes...

- ◉ Reading & Homework
- ◉ ≥40 hours in class and field
- ◉ Journaling
- ◉ iNaturalist observation
- ◉ Citizen Science Project
- ◉ Capstone Project
- ◉ Course Evaluation
- ◉ Volunteering (volunteer portal)
- ◉ *UCD Extension Credits*

Reading, Homework, Journaling



What is iNaturalist



Record what
you see in nature



Learn about
the natural world



Explore the
findings of others

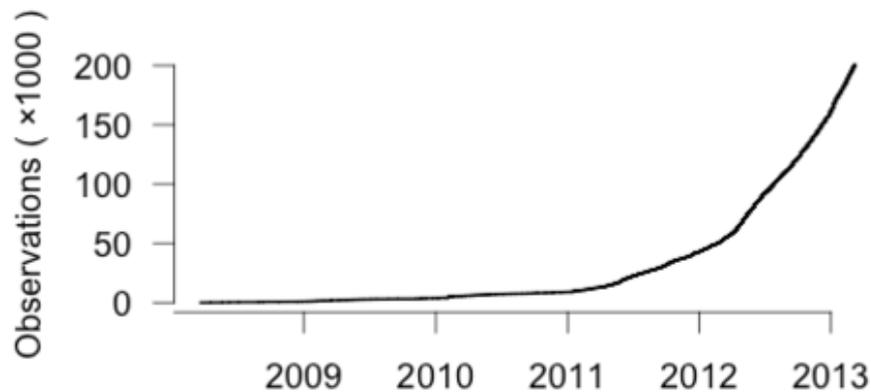
iNaturalist.org encourages the participation of a wide variety of nature enthusiasts, including hikers, birders, park rangers, mushroom foragers, and ecologists.

Through connecting these different perceptions and expertise, iNaturalist hopes to create extensive community awareness of local biodiversity and promote further exploration of the natural world.



Explore! Learn! Record! www.inaturalist.org

- Social network launched in 2011 to store, share, and georeference photographic species observations
- 88,000,000 observations worldwide with almost 2 million observers
- Research Grade Observations



Filling critical data gaps for understanding and managing biodiversity in the face of climate change and other stressors!

iNaturalist.org Features at a Glance

- Add a species observation
- **Tools for identifying & verifying species**
- Search for species by region or land parcel
- Join projects

Projects Terms & Rules | Edit project
Plants & Animals in Coastal North San Diego County Add observations to this project

Stats

Totals

543
Observations »

255
Species »

24
People »

Most Observations

kater.rill
131 observations

pdecimo
66 observations

zpheller
64 observations

mitleboden
52 observations

earthgirll
48 observations

Most Species

kater.rill
62 species

zpheller
62 species

pdecimo
46 species

mitleboden
44 species

earthgirll
33 species

Most Observed Species

Black Sage
19 observations

Lemonade Berry
11 observations

Coast live oak
7 observations

Chiltepate
6 observations

White Deer
5 observations

Map Satellite

Members 23 members

[View all members](#)

Your membership 0 observations

Add from your observations
[Download template for use in the bulk uploader](#)

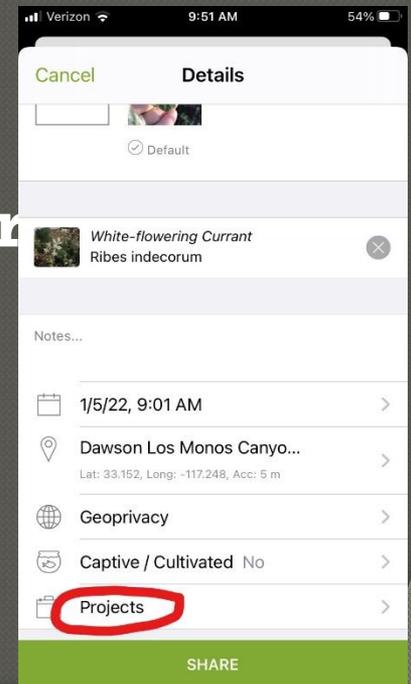
- Species classification & description resources
- View species distribution ranges





CNSDC iNat project

- **Plants & Animals in Coastal North San Diego County**
- **Add app to phone or go to website: www.inaturalist.org**
- **Adding our project**
 - **On computer search under**
 - **Community → projects to join our project**
 - **On phone see Project at bottom of observation form:**



Citizen/Community/Participatory Science

describes projects involving the public in making observations, and collecting and recording data for scientific research and monitoring.



- People are already observing nature during the course of their recreation hours-why not make good use of those observations?
- Lends science more “eyes and ears” in the field
- Gives people a chance to genuinely learn how to do science



Class Citizen Science Project



Citizen Science Projects

- Class adopts a project

- CalNat Portal to Citizen Science Projects



SDSU FSP

- [About Us](#)
- [Our Reserves](#)
- [Visiting A Reserve](#)
- [Research](#)
- [Education](#)
- [Contact Us](#)
- [Web Cameras](#)
- [Current Weather at SMER](#)

For FSP Staff

- [Log In](#)
- [Entries RSS](#)
- [Comments RSS](#)
- [WordPress.org](#)

Santa Margarita Ecological Reserve

The Santa Margarita Ecological Reserve (SMER), established in 1962, provides protected sites for research and education of southern California ecosystems. The reserve lies on the Riverside/San Diego county line between Temecula and Fallbrook. The 4344-acre reserve encompasses a 5-mile reach of the Santa Margarita River, the longest protected coastal river in southern California and a variety of agricultural and upland habitats. The reserve maintains classrooms and laboratories, and databases.

Research at SMER has produced many scientific and/or professional journal articles. Please see [SMER Bibliography](#).

Access to the reserve is by permission only. *All visitors* to the reserve must print out and complete the **SMER Vehicle Permit** and display it on the vehicle dashboard at all times. *All visitors* must also contact Pablo Bryant 619-507-0944, pbryant@sciences.sdsu.edu at least *2 days prior* to arriving at the reserve.

Location:	San Diego and Riverside counties on the upper Santa Margarita River; 5 mi northeast of Fallbrook and 5 mi southwest of Temecula; 50 mi north of San Diego. Click here for driving directions .
Year established:	1962
Collaborators:	Bureau of Land Management, California Department of Fish and Game, and The Nature Conservancy.
Size:	1,790 ha (4422 ac)
Elevation range:	150-700 m (500 to 2300 ft)
Watershed and Topographic	Santa Margarita River Watershed; encompasses Temecula Gorge, a 5-mi canyon formed by the Santa Margarita River.

Recent Posts

- [Doctoral Student Alexandria Pivovarov Publishes Article based on Research at SMER Rain!](#)
- [Aerial Shot of River Gorge, courtesy of Douglas McCulloh SMER Dragonflies](#)
- [Grossmont College Earth Science Class Final taken at SMER](#)

Post Categories

- [Community](#)
- [Education](#)
- [Media Coverage](#)
- [Photographs](#)
- [Research](#)
- [Santa Margarita River](#)
- [Sky Oaks](#)
- [SMER](#)
- [Uncategorized](#)



Capstone Projects



- ✓ Stewardship
- ✓ Education/Interpretation
- ✓ Citizen Science
- ✓ Program Support
- ✓ Environmental & Climate Justice
- ✓ Community Resilience & Adaptation



What is a Capstone Project?

- A service project must be of use to the partner organization
 - Fosters transition to certified naturalist
 - 8-10 hrs; must be logged on VMS
-
- ✓ Stewardship
 - ✓ Education/Interpretation
 - ✓ Citizen Science
 - ✓ Program Support
 - ✓ Environmental & Climate Justice
 - ✓ Community Resilience & Adaptation

Capstone Project Examples

- Nature center learning display
- Brochure
- Nature Guide instructional materials
- Native plant plaques



Preserve Calavera
Coastal North San Diego County

Pacific Tree Frog

protect

Longwing Admiral

enhance

Sweet Pea

restore

The mission of Preserve Calavera is to **protect, enhance, and restore** the natural resources of coastal north San Diego County.

Volunteering & Volunteer Portal



Volunteer Service:

The goal of volunteer service is to contribute to local communities by improving natural areas and educating people about California's natural environment.

- ✓ Stewardship
- ✓ Education/Interpretation
- ✓ Citizen Science
- ✓ Program Support
- ✓ Environmental & climate justice
- ✓ Community resilience & adaptation



Volunteer Portal

VMS: The New Look

Search, Notifications, Help and link to your Profile

Your program

Main menu listing

News feed

Summary of your hours and events

California Naturalist

Effie Yeaw Nature Ctr/American River Natural History

California Naturalist News

Welcome to the California Naturalist Volunteer Portal, Version 2.0 and thank you for your dedication to documenting your service work. We have a new help tutorial website that will orient you and answer common questions about the Portal. [Access help here.](#) Please contact your local California Naturalist coordinator if you have any further questions about the new portal.

Latest Statewide News

2016 Service Pin!

Posted: January 9, 2017 by bgamble@ucanr.edu(Brook Gamble)

CALIFORNIA NATURALIST

Dear California Naturalists, We tallied your #CalNat2016 nominations for the 2016 service pin and we're announcing a winner: Stagmomantis californica, the California mantis! In exchange for logging at least 40 service hours in the 2016 calendar year, certified California Naturalists will receive a beautiful 18k gold and enamel pin service pin as our thank you. The link to the volunteer portal will always be available on the top yellow menu of our home page under "Record Service..."

Your Hours

	This Year	Lifetime
Volunteer Hours	6	17

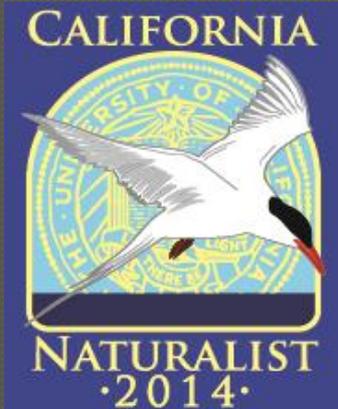
[+ Add Hours](#) [View Hours](#)

Your Calendar

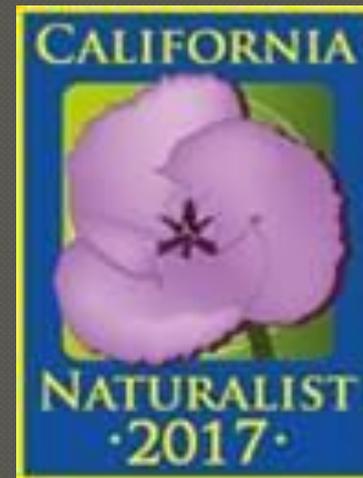
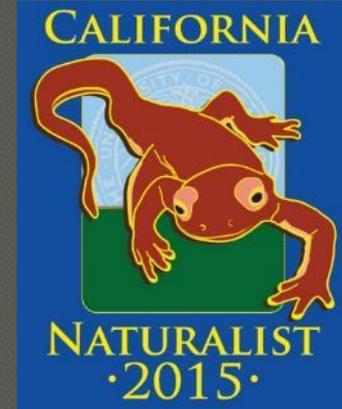
Event	Event Date
Final Class (Spring 2016) Capstone Presentations	Tue, Jun 07, 2016
Capitol Park BioBlitz	Tue, Apr 12, 2016

[View All Events](#)

Annual Volunteer Incentive Pin



Earn new pins with
40 hours per year!



University of California

Agriculture and Natural Resources

Evaluation

- NSF evaluation team
- We evaluate (Post):
 - About You
 - About the Course
 - Change in Knowledge
 - Attitude on science and environment issues



96% plan to volunteer

Optional Academic Units



UC DAVIS EXTENSION

Receive college credit for becoming a certified California Naturalist!

Certified California Naturalists may opt to receive four
academic units through UC Davis Extension for \$80

Here's how it works:

- Credits are 4 lower division, general ed quarter units (4 quarter = 2.67 semester units). Pass/Fail option only. No letter grades can be issued.
- If you intend to use credits toward a degree, please pre-verify UC Davis Extension Credits will be accepted and transferred by the institution/program of your choice! Refunds cannot be issued.
- Let your California Naturalist course instructor know that you are interested in credit during your first week of class.
- Upon completing course requirements and becoming certified, the California Naturalist Program will forward your info to UC Davis Extension within a week of your graduation.
- Please wait for an e-mail from California Naturalist stating we've sent your info. Then call UC Davis Extension directly and sign up *within four months* of graduation to receive units. You are under no obligation to follow through if you expressed initial interest, and you will not be reminded.
- If you need an official transcript it is \$15 extra.
- Students that became certified at a community college are not eligible for the UC Davis Extension Credits.
- UC Davis Extension: 530-757-8823; <http://bit.ly/CalNatCredits>

CONES

(CA online Naturalist Event Series)

- ◉ Various topics like “Celebrating CA’s Biodiversity”, “Bumble Bee Atlas Project” ...

Search

Advanced Trainings

Wildlife Tracking Workshop

Sagehen Creek Field Station
University of California, Berkeley

Sagehen California Naturalist is hosting a workshop with Meghan Walla-Murphy. Join in the fellowship on a trek through the forests of the Sierras near Truckee

Gain skills in:

- ❖ animal and landscape pattern recognition
- ❖ using various tracking methods to analyze
- ❖ thinking like a tracker to find out how an animal is surviving through the winter...
- ❖ using field guides
- ❖ journaling

Enjoy an evening by the fire, sharing stories of renewal immersed in the beauty of nature and the connection to wildlife and ourselves.

About Meghan:

Meghan's 16 years of animal tracking has added skill and breadth to her work in conservation biology and citizen science. A lifelong tracking practice has led Meghan to co-author with Dr. James Halpenny "Track Plates for Mammals," travel extensively in the US, Brazil and South Africa to learn from diverse trackers, as well as deepen her relationship to place and ecology. For more information visit her website

www.meghanwallamurphy.com

To Register:

<http://www.ucanr.edu>
Scroll to Wildlife Tracking

Workshop breakfast
Field Station

Time:
Saturday
1:00 p.m. - 5:00 p.m.
available

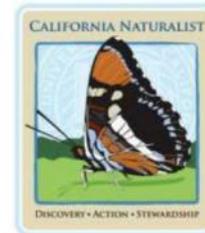
Questions:
calna

Save the Date!

"Wildfire and its effects on Sierran mixed conifer forests:

A California Naturalist advanced training"

April 25 & 26, 2015



UC Berkeley's Blodgett Forest Research Station, Georgetown, CA

Join University of California scientists as we examine the characteristics of wildfire and its impacts on the forests of the Sierra Nevada. We will look at land management practices used to affect fire behavior and how the landscape recovers from fire. We will take a field trip to the 2014 King fire area to see effects of high severity fire on forest regeneration and wildlife. The training will include nature journaling and an art session.

Participants will stay overnight at Blodgett and meals will be provided. More information about logistics and cost will be provided in early 2015. Registration will be required and participation is limited to 30.



For more information, please contact Kim Ingram at kcingram@ucanr.edu

Symposium 2014 Convention Center,

Call for Papers

<http://ucanr.edu/oaksymposium>
Due May 15, 2014

Sessions will include:

- Range management
- Oak Ecology
- Wildlife and Biodiversity
- Silviculture
- Regeneration & Restoration
- Urban forestry & Arboriculture
- Genetics
- Soils & Physical Processes
- Economics, Policy, Social Sci.
- Ecosystem Services
- Cultural Values
- Insects & Disease
- Fire & Disturbance
- Monitoring and Inventory
- Climate & Atmosphere
- Carbon Storage and Cycles
- Products & Utilization

Inference Organizers who can answer your questions:

Rick Standiford, UC Berkeley

standif@berkeley.edu

Tom Scott, UC Berkeley

thomas.scott@ucor.edu

Kathryn Purcell

purcell@fs.fed.us

Hil Tietze

tietze@berkeley.edu

He Anzel

anzel@ucanr.edu

Ferry Cooper, UC ANR

cooper@ucdavis.edu

Tools to Connect

[VMS Administrator](#) | [Home](#) | [Logout](#) | [CA Naturalist Home](#) | [ANR Portal](#) | [Help](#)



CALIFORNIA NATURALIST PROGRAM VOLUNTEER PORTAL



UNIVERSITY OF CALIFORNIA
AGRICULTURE AND NATURAL RESOURCES



Hello, Brook Gamble!

CNVP Program - All Volunteers

CA Naturalist E-Mail Outreach List

Citizen Science for CA Naturalists

facebook

Advanced Trainings

Email or Phone

Keep me logged in

Password

[Forgot your password](#)

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California Naturalist Education

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