



The Cypress Cone

California Native Plant Society
Santa Cruz County Chapter

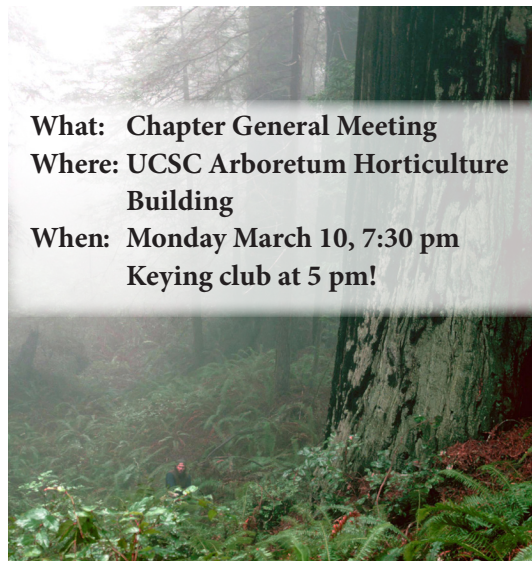


The History of the Redwood Ecosystem and the Struggle to Save It: Greg King Talk

Jackie Pascoe

The first known redwood trees grew two hundred million years ago, in the days when dinosaurs were just gathering steam. Ten million years ago, redwood forests spread over much of the warm and humid northern hemisphere. Then the earth headed into the last ice age, the climate became drier and cooler, and redwood forests shrank to the confines of a foggy coastal strip. Just four hundred and fifty miles long and thirty miles wide, it extends from the Oregon border to Big Sur.

Before timber companies started logging in the Nineteenth Century, two



Greg King

What: Chapter General Meeting
Where: UCSC Arboretum Horticulture Building
When: Monday March 10, 7:30 pm
Keying club at 5 pm!

million acres of redwoods filled that narrow strip. Clear-cutting their way through this last remnant of the primeval global forest, timber barons assured the public that it would take a thousand years to make a dent in such a vast resource, but they were being disingenuous even back then. Only about five percent of the original old-growth forest remains. It was Greg King who in 1987 discovered the last unprotected ancient redwood groves, and named them. Located in Humboldt County, the Headwaters Forest became iconic. King led the

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Native Garden Irrigation in Drought Years

Deanna Giuliano

You are probably familiar with the notion that California has a mediterranean climate: winter-wet, and summer-dry. But the past few years have been more than a bit lacking in the “winter-wet” part of the deal! How does a gardener cope?

In a normal winter, you can give deep and frequent water during the occasional dry spell to provide the best growing conditions for all your plants. But what about during a drought? Especially a warm sunny one like the one we are so pleasantly enduring.

Warm, wet conditions are not healthy for most natives: they can lead root rot and pathogens. So, in a warm, dry winter drought, you should water as if it's the middle of summer:

deeply and infrequently—once a month is generally enough.

Watering immediately after a light rain will increase depth of water penetration more than waiting until things dry out.

Redwood habitat and many shade plants like some humidity. A weekly brief spritz with a hose can keep them refreshed. Santa Cruz is blessed with the frequent fogs that allow Redwoods to grow natively here, so be judicious – you don't want to encourage leaf fungus.

Until the onset of winter rains, many native plants simply extend their summer phase, hunkering down to survive the dry. How can you tell? You may notice that your chaparral plants, such as *Salvias*, are still wearing

Cont. Page 2



Remember to provide water for birds, like this pair of purple finches

Jackie Pascoe

GREG KING *cont. from Page 1* struggle against Maxxam, the Fortune 500 company that was bent on liquidating these last ancient trees, along with large swaths of additional forest.

Maxxam had made a successful hostile takeover bid of Pacific Lumber, which until then had been a responsible timber company. Early on in Greg's investigations of Pacific Lumber's accelerated liquidation of the Headwater Forest, he discovered that Maxxam and government regulators themselves were routinely interpreting court edicts that required greater adherence to environmental laws by simply modifying their language to achieve their own ends.

By 1999, the activists had prevailed, though many felt that the Clinton administration should have traded Maxxam's Savings and Loans debt for the Headwaters forest. Instead federal and state funds purchased the forest for \$480 million.

Greg King is on a speaking tour in support of his book-in-progress, *The Ghost Forest*. His talk delves into the natural history of the redwood forest, illustrated by his own beautiful and widely-published photos of redwoods. His historical photos are fascinating, too, showing the loggers of the nineteenth century as well as late twentieth century logging protesters. His talk also chronicles the redwood's collision with Western humanity and discusses key elements of state, federal and corporate policy with regard to regulations and their practical application—or lack thereof.

Greg King's ancestors came to the forests of Sonoma County in 1876, bought up timber land, and started logging. The King Range Mountains are named after the first to arrive. They also built one of the largest redwood mills of the day, the King-Starret Mill in Monte Rio, located along the Russian River. Greg King himself was raised not far from Monte Rio, but as is evident, he has not followed in his ancestors' footprints.



Today Greg is executive director of Siskiyou Land Conservancy, a non-profit he founded in 2004 to protect wild lands (624 acres so far), advocate for healthy fisheries, host public events, and disseminate environmental news. ♪

DROUGHT *cont. from Page 1* their “summer dresses”—typically much smaller and more sclerotic (stiff) leaves than in winter and spring. Water such semi-dormant plants even less frequently than the ones that are putting on their “winter dresses.” In any case, it is always a good idea to let species like *Salvia* and other chaparral plants stay on the drier side.

Even with water restrictions that are tightening up as the drought drags on, you should be able to keep your native plant garden healthy, and put in new plants as usual. Native plants, especially those appropriate to your garden site, require much less water than many of more traditional garden plants. ♪



Membership News

Julia Fields

Please welcome our new members! **Mike Montero, Cathy Gamble, Chelsea McKinley, Christopher Connery, Michele Logar, Alison Woolpert, and Ruthe Smith**

We are so glad you joined! ♪W

Open Chapter Positions

Want to step up your contribution to our chapter? Two positions are currently open. Neither of these requires knowledge of plants.

Secretary In this board position you would take minutes at the board meetings (six per year) and maintain an archive of past minutes, both in electronic form and on paper. The secretary also maintains current contact information about chapter officers such as e-mail, phone, and address.

Hospitality This is a great position for a friendly person. Currently the only responsibilities are to socialize at general meetings and make sure everyone feels welcomed, especially first time attendees. It makes a big difference! In the past, the hospitality person has brought light refreshments such as cookies and cider to serve after the meeting (and been reimbursed for their cost, of course). ♪

Santa Cruz County Chapter Events

Habitat Restoration

Restoring native habitat in the parks and protected lands in Santa Cruz County, one (pulled) weed at a time! No prior work experience is necessary, just show up at the park. Wear comfortable layered clothing, bring something to drink, and lots of enthusiasm! Tools provided. Bring gloves. Contact **Linda Brodman** for details: 831.462.4041, redwdrn@pacbell.net

The listed work days are at Quail Hollow Ranch County Park.

- ☐ **Saturday, March 8, 10 am - 1 pm**
- ☐ **Saturday, March 22, 10 am - 1 pm**



Indain Paintbrush, *Castilleja*

Santa Cruz County Chapter Field Trips

Bring water, layers, sunscreen, hat and a lunch. Carpooling is encouraged, but not CNPS sponsored. Heavy rain cancels. See cruzcnp.org for late additions. Contact **Deanna Giuliano** for any questions: drosegiuliano@yahoo.com or 831.278.2699.

Saturday March 29, 10 am - 3 pm: Calypso Orchids of Butano.

Come see the beautiful purple Calypso orchids, along with western wake robin, skunk cabbage, and an array of flowering native berry species. Hike is about 6.5 miles with some elevation gain. Meet at the entrance of Butano State Park. Carpooling is encouraged but not CNPS sponsored. If interested in carpooling meet at the Westside New Leaf parking lot on Fair Avenue at 9:15 am.

Saturday April 26, 10 am - 3 pm: Quail Hollow Ranch Wonders.

Have you ever seen the pygmy redwoods that grow at the top of Quail Hollow? We will see a variety of habitats, marshy meadows, woodland, chaparral and our own unique sand hills. Some species we could see include *Lupinus latifolius*, and *Fritillaria affinis*. We will also enjoy spectacular views. About 5-6 miles round trip depending on the trails we take. Meet at Quail Hollow Ranch county park main parking lot.

Monterey Chapter Events

General Meeting—Paul Kephart—March 13

Paul Kephart is recognized for his holistic and integrative landscape designs of large-scale living architecture projects around the world. He is a powerful speaker. March 13, at 7:30pm, at the Pacific Grove Museum of Natural History.

Wildflower Show—April 18-20

Pacific Grove Museum of Natural History from 10:00am to 5:00pm each day. Each day will feature an "Identifying Plant Families" class taught by Sue Hubbard. Saturday will feature a "Botanical Basics" sketching class taught by Erin Hunter, and Sunday will feature a "Creating Native Microhabitat Pots" taught by chapter president Chris Hauser. The sketching class and the habitat pot class will charge a \$20.00 fee to cover expenses.

Restoration and Field Trips

For details on all trips, go to <http://montereybay.cnps.org>.

For information on restoration events, contact Bruce Delgado at 277-7690 or bdelgdo62@gmail.com.

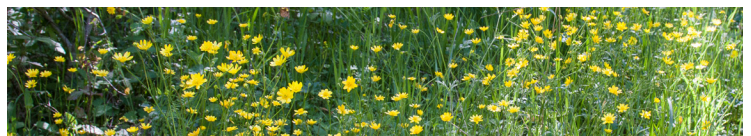
For field trip reservations, contact Call Lynn at 375-7777.

Restoration

- ☐ Saturdays, March 1 & April 5, 1 pm - 4 pm. Broom Bash, East Side of Point Lobos State Reserve.
- ☐ Sundays, March 16 & April 20, 11 am - 2 pm. Soberanes Creek Cape Ivy Bash. Meet in Carmel at the Rio Road Park and Ride to carpool.

Field Trips

- ☐ Sunday March 16, 9:30 am. Jack's Peak Hound's Tongue Hike
- ☐ Sunday, April 6, 10 am. Garzas Creek Wildflower Hike.
- ☐ Saturday, April 12, 10 am - 1 pm. Introduction to Wildflower Identification - A Walk at Fort Ord
- ☐ Sunday, April 13, 9:00 am. Kahn Ranch Spring Wildflower Walk.
- ☐ Saturday, April 26, 9:00 am - noon. Garland Ranch Wildflower Hike.
- ☐ Sunday, April 27, 8:30 am. Pico Blanco Rare and Endangered Lousewort Hunt.



California Native Plant Society
Santa Cruz County Chapter
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CNPS is a non-profit organization dedicated to the preservation of California native flora. CNPS has 34 chapters throughout the state and membership is open to all persons – professional and amateur — with an interest in California's native plants. Members have diverse interests including natural history, botany, ecology, conservation, photography, drawing, hiking, and gardening. Your membership includes *Fremontia*, a quarterly journal with articles on all aspects of native plants; the *Bulletin*, a statewide report of activities and schedules; and the Cypress Cone.

Donations. In addition to membership, donations also enable us to work on behalf of native plants. Please send donations to: CNPS C/O Suzanne Schettler, P.O. Box 1622, Santa Cruz, CA 95061

Newsletter contributions welcomed!

Deadlines are: Apr 18, June 16, Aug 18, Oct 18, Dec 15.

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<https://www.facebook.com/cruzcnp>

Join the California Native Plant Society

Mail this form or go to cnps.org and click JOIN.

Name: _____

Address: _____

City, State, Zip: _____

Phone: _____

Email: _____

Chapter Affiliation:

- ☐ Student/Limited Income \$25
- ☐ Individual \$45
- ☐ Family or Library \$75
- ☐ Plant Lover \$100
- ☐ Patron \$300
- ☐ Benefactor \$600
- ☐ Mariposa Lily \$1500

Your contribution is tax deductible, minus \$12 for the quarterly journal, *Fremontia*. Make your check payable to CNPS and send to:

Membership Chair, CNPS, 2707 K Street, Suite 1,
Sacramento, CA 95816



Come to our Spring Plant Sale on April 12

*That's the first day of
California Native Plant Week!*

Where: In the Eucalyptus Grove at the UCSC Arboretum.

When: 12pm – 4 pm. Members of CNPS or Arboretum Associates can shop from 10 am -12 pm

We have gorgeous native plants that not only survive, but thrive in a drought – with minimal help – and they benefit wildlife to boot!

Volunteers welcome to help on sale day—Contact Karen Hildebrand at karenhildebrand@cruzio.com.

Held alongside the UCSC Arboretum Associates plant sale—two great sales, one great location!