



The Cypress Cone

California Native Plant Society
Santa Cruz County Chapter



Selecting the Future of Redwoods

A Talk by *Luen Miller*

Luen Miller will talk about the close and distant past, the present and future of his favorite tree, the coast redwood. Luen's involvement in the two recent Highway 1 merge-lane plantings reopened a latent obsession that has grown to take over much of his life. Luen will discuss new diseases, propagation and

A Banner Spring Sale Indeed!

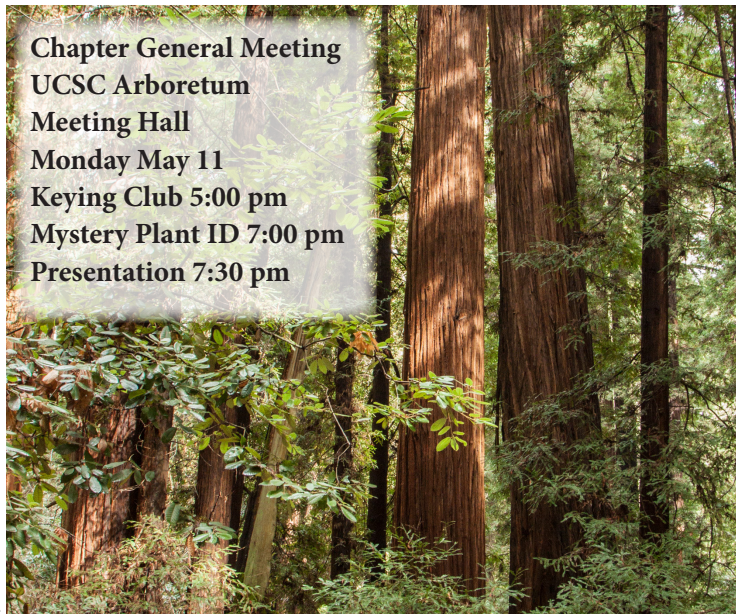


Jackie Pascoe



If you weren't there—you missed a great sale! ☺

Chapter General Meeting
UCSC Arboretum
Meeting Hall
Monday May 11
Keying Club 5:00 pm
Mystery Plant ID 7:00 pm
Presentation 7:30 pm



Jackie Pascoe

production tips for your own personal obsessions and the application of "domestication selection" for fast, efficient screening and introduction of new varieties, native or otherwise.

Luen is a lifetime member of CNPS, and attended UCSC as a biology major focusing on the genetics and population biology of invertebrates. Captivated by plants from childhood, he was checking Munz's flora out from his local library in grade school. He has since worked at various jobs in the plant industry for close to forty years. Luen is currently half-owner of Monterey Bay Nursery, a medium-size wholesale container nursery in north Monterey County.

Free plant for all attendees! (Luen knows the secret to drawing a crowd!) ☺

Situations Vacant: Recording Secretary Maintains correspondence files, takes meeting minutes (six meetings per year). Contact Deanna Giuliani to jump aboard.



Field Trip to Butano for Calypso Orchid

Deanna Giuliani`

Our field trip to Butano on March 28 was an interesting hunt. Thirteen enthusiastic people showed up hoping to glimpse the beauty of this

special orchid. On Jackson Flat where we usually find at least twenty individuals none were to be found. A few of us had seen them on the Año Nuevo trail. So we decided to extend the miles in search of the orchid. We were rewarded for our efforts, climbing up the steep fire road to the Año Nuevo trail. Only 4 *Calypso bulbosa* orchids were found, probably due to a warm, low precipitation year. ☺

Good Bee Plant—Bad Eupatory!

Jackie Pascoe

It has been dismaying this year to see how much eupatory (*Ageratina adenophora*) is growing around our county. At the end of my street, the roadside and far down the steep inaccessible slopes are extra thick with it.

Photos: Jackie Pascoe



Eupatory (or sticky eupatorium) Ageratina adenophora

Native to Mexico, eupatory is an escaped garden plant. It reproduces by seed asexually (that is, the seeds do not have to be fertilized to be viable!) and the seeds spread by wind. It's fairly toxic to horses etc. (See Cal-IPC on the web.) I've been successful on my property by hand pulling, getting as much of the root as I can (it resprouts from root crowns).



Bee plant, on the other hand, *Scrophularia californica*, is one of the best! Bees love its tiny dark red flowers and caterpillars love its leaves. The foliage is green and lush. It can be rangy but I let it grow wild in my garden. The variable checkerspot caterpillars love it—and I get butterflies!

The leaves of these plants are similar, and it's good to be able to ID them when not in flower. Eupatory has deltoid leaves that are broader at the base than bee plant leaves. Bee plant leaves are more sharply serrated. The venation is different too. Eupatory leaves have an overall smoother appearance. ☺



Eupatory (left) and bee plant seedlings

New Leaf Envirotokens: Vote for CNPS!

Peggy Waters

Whenever you reuse a grocery bag at New Leaf, you receive a 10¢ Envirotoken to donate to the non-profit of your choice.

New Leaf has an election during the whole month of May to determine what groups get on their list for Envirotokens. CNPS used to always get chosen. However, a few years ago New Leaf started having their election on the computer. We haven't been chosen since then.

Voting starts May 1 and lasts all month. So sometime during May please log on and vote for us!

www.newleaf.com/community/envirotokens/

If you would like a reminder please call Peggy Waters at 336-9283 to get on a list to be called when the election starts.

Another option

In Felton and Boulder Creek, you can ask to vote on a paper ballot in the store. You have to ask to do this.

Be sure to spread the word! Share the link to the online ballot through Facebook, e-newsletters, your website and more.

Staff of Life

Staff of Life has us as one of their groups. So you can always donate your Staff of life tokens to us. They don't have an election. We thank them for supporting us and urge our members to remember this. ☺



Thank You Staff of Life

Staff of Life Natural Food Market gathers contributions for us from people who bring their own bags. Thank you, Staff of Life—we do appreciate your support!

Membership News

Ann Garside

The California Native Plant Society would like to extend a warm welcome to our newest members: **Cat Nichols, Lynn Bock, Angelica Amesquita, Marta Beckwith, Arden Sweet, Donna Lohrmann, and Christopher Said.** Greetings and happy planting season (but get them in the ground soon)!

Prefer to receive newsletters via email instead of snail mail? Notify me at aegrwds@calcentral.com to make the switch. The e-mailed PDF version is always in full color, while the printed copy is often in black and white. ☺

Santa Cruz County Chapter Events

Volunteer at the UCSC Herbarium

Thursdays 9:30 am till noon. Carpool from PetSmart parking lot at 9:15 am. Prepare plant collections. Contact **Al Keuter**, akeuter@gmail.com.

Habitat Restoration

We work to restore native habitat in the parks and protected lands in Santa Cruz County. Learn about the natural systems that surround us while helping to restore special and wild places. No prior experience necessary. We welcome individual volunteers from 8 to 80 years, as well as special group projects.

One date is scheduled at time of writing. Contact program leader Linda Brodman for details: 831.462.4041, or redwdrn@pacbell.net for details and any late additions.

☐ **Saturday, May 9, 10 am - 1 pm. Location TBD**

Field Trips

Carpooling is encouraged, but not CNPS sponsored. Bring water, layers, sunscreen, hat and a lunch. Heavy rain cancels.

Contact Deanna Giuliano for any questions at drosegiuliano@yahoo.com or call 831.355.4902.

Saturday May 2, 10 am - 1 pm. Quiroste Valley Cultural Preserve. Join archeologist Rob Cuthrell on a tour of the Quiroste Valley Cultural Preserve. We will walk about 1-2 miles over the course of the day, and some of it may be over uneven ground. Note for those with limited mobility: you must be able to step over obstacles 18 inches high. We will have lunch sometime between 11 am and noon. Limit of 15 people. Reservation required. Contact Deanna at drosegiuliano@yahoo.com.

Directions: From Santa Cruz take Highway 1 north. Turn right on Whitehouse Canyon Road and go 1.5 miles. Rob's silver SUV will be parked in a small pull-out on the left. The parking location is marked on this map: <https://goo.gl/maps/Rzz1M>

Saturday May 9, 10 am. Dudley's Lousewort Adventure Hike at Portola Redwoods State Park. Join Kim Juska, *Pedicularis dudleyi* researcher, to see these rare old-growth-forest plants (1B.2) at peak bloom—in one of only two known locations. He'll tell you about their fascinating ecology and more. A series of short drives and short walks within Portola State Park areas. Total walking distance 2-3 easy miles.

Meet at Alpine Road at Portola State Park Road: Go either via 17 north, 35 (Skyline) north, left on Alpine Road (about 43 miles); or via 1 north, right on Pescadero Creek road, right on

Alpine Road (about 55 miles). Consult a map! Meet Kim at the large pullout at Alpine Road/Portola State Park Road. For additional information, contact Kim Kuska (559) 784-2106 kim2292@att.net.



Jackie Pascoe

Deanna Giuliano shows how chain fern got its name, on February's Ferns of Fall Creek trip. (It's the shape and arrangement of sori—the bumps on the back of the frond!)

Monterey Chapter Events

Go to <http://montereybay.cnps.org> for details and contacts.

Habitat Restoration

Contact Bruce Delgado at 277-7690 or bdelgdo62@gmail.com for details.

- ☐ First Saturday in the month, 1 pm - 4 pm. Broom Bash, East Side of Point Lobos State Reserve.
- ☐ Third Sunday in the month, 11 am - 2 pm. Soberanes Creek Cape Ivy Bash.

Field Trips

- ☐ Sunday May 3, 9:30 am. Whisler-Wilson Wildflower Hike with Rod Yeagar.
- ☐ Sunday May 10, 10 am. Little Sur River Hike.
- ☐ Wednesday May 13, 9:45 am. Santa Lucia Preserve Field Trip with Chris Hauser.
- ☐ Wednesday May 27, 9:30 am. Mount Madonna—The Most Beautiful Jewel Flower.
- ☐ Sunday May 31, 8:40 (carpool at Marina) or 9:30 (at Aptos). Maple Falls Hike at Nisene Marks.
- ☐ Thursday June 11, 4:30 pm. Evening Soap Plant Quest.
- ☐ Saturday June 20, 9 am - 5 pm. Chews Ridge Wildflowers with Michael Mitchell.

Wildflower Show at Garland Park

Sat-Sun June 13-14, 10 am to 4 pm. MPRPD's 16th annual show, at Garland Park's Visitor Center. Talk on Saturday morning and wildflower walk Saturday afternoon. "Wonders of the Carmel River Art Exhibit" open both days. ☺

California Native Plant Society
Santa Cruz County Chapter
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CNPS is a 501(c)(3) 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 such as: natural history, botany, ecology, conservation, photography, drawing, hiking, and gardening.

Donations to your chapter are tax-deductible and support special projects such as publication of the county Checklist, and conservation activities that preserve important habitats and species in our area. You may earmark gifts for specific areas. (Your membership is also tax deductible, minus \$12 for the journal *Fremontia*, three issues per year.) Make checks payable to CNPS and send to: CNPS, P.O. Box 1622, Santa Cruz, CA 95061.

Newsletter contributions welcomed! Next deadline: June 16.
Contact Jackie at countrymoosie@gmail.com

Like us on Facebook, and contribute to our page!
<https://www.facebook.com/cruzcnp>

Opt for email See every newsletter in color! Save trees!
Contact Ann Garside at aegrdwds@calcentral.com.

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

Make your check payable to CNPS and send to: Membership Chair, CNPS, 2707 K Street, Suite 1, Sacramento, CA 95816

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*.

Dylan Neubauer



Check out our recent gardening article in the Santa Cruz Sentinel. To find it, in your browser's search box, enter:
www.santacruzsentinel.com
embracing insects

Regular Chapter Events

See newsletter or cruzcnp.org for details and contacts.

Native Plant Propagation Third Sunday of the month.

Keying Club Learn to ID plants like a botanist!

Habitat Restoration Help to keep invasives out!

Field Trips Learn more about natives as you hike!

Volunteer at the Herbarium Prepare plant collections

Renew Membership Online You can renew your CNPS membership online—and why not opt to renew automatically? It is quick, easy, convenient, and reduces renewal mailing costs. Go to www.cnps.org and click the JOIN button.