



THE CYPRESS CONE

CALIFORNIA NATIVE PLANT SOCIETY
SANTA CRUZ COUNTY CHAPTER



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Bees, Flies, and Plants

Speakers: **Chris Lay**, Administrative Director of the Kenneth S. Norris Center for Natural History and **Jessica Correa**, UCSC senior undergraduate in Environmental Studies

Chapter General Meeting: **Monday, May 13, 7:30 pm**
UCSC Arboretum Horticulture Building
Keying Session: **5:30 pm**

While bees are certainly the most important insect pollinators, several groups of flies, including the family syrphidae, are also important and often overlooked. Using the comprehensive local pollinator collection created by Randall Morgan in the 1990s, a team of undergrads, graduate students, faculty, and staff at UCSC's Ken Norris Center for Natural History have been working for several years to identify the important pollinators found in the collection.

In this presentation, we will highlight several common local bee and syrphid fly pollinators, as well as the plants that Morgan found them on. We will bring specimens from Morgan's collection and give everyone an opportunity to take a closer look through microscopes at each species. Come and learn how to identify more of our local pollinators!

Chris Lay is the Administrative Director of the Kenneth S. Norris Center for Natural History at UC Santa Cruz. He splits his time teaching field-based natural history classes and managing the center's natural history collections. He worked closely with Randy Morgan to curate his local pollinator collection of over 70,000 specimens.

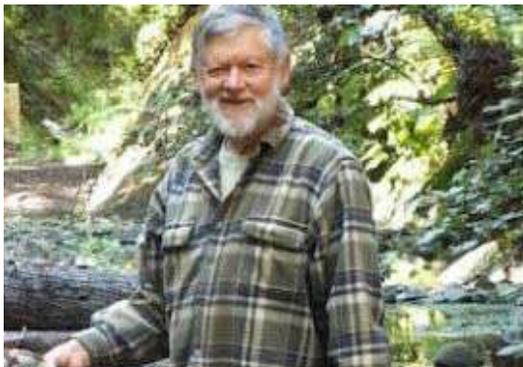
Jessica Correa is a UCSC senior undergraduate student in Environmental Studies. Over the last year, she has helped curate and identify the syrphid flies within Morgan's pollinator collection. She is also finishing up a new field guide reference to the most common syrphids in the Santa Cruz area.



Syrphid fly, Santa Cruz County. Picture courtesy of ©Scott Peden, 2011.



Syrphid fly, San Luis Obispo County. Photo courtesy of ©Kim Davis and Mike Stangeland, 2013.



Memorial for Fred McPherson, Sunday June 23

A memorial for Fred McPherson will be held Sunday, June 23, at noon, in the main picnic/sycamore grove area of Henry Cowell Redwoods State Park. The Western Sycamores were one of Fred's beloved trees.

Please bring a potluck dish to share. Most of Fred's family members are vegetarians, so vegetarian dishes are encouraged but not required. All food will be appreciated.

Come gather with Fred's family and friends to honor and celebrate his life.

Thank You to All Customers and Volunteers Who Made the 2019 Spring Native Plant Sale a Big Success



Spring native plant sale. Photo by Jackie Pascoe.

The annual spring and fall plant sales are opportunities for our chapter to pull together to represent and support our dedication to the preservation of California native flora. And pick up a few plants for our gardens along the way, of course. At the April 13 plant sale, it was a gorgeous sunny day with many plants in their vibrant spring bloom—our own mini-super bloom. By ten o'clock, crowds were straining at the rope to enter the CNPS and Arboretum sales. It is a wonderful thing to witness so much enthusiasm for gardening with natives!

“I’m in love with this plant.”

“This plants speaks to me.”

“I’m so excited!”

--Customer comments at the plant sale



Customers doing their research before purchasing plants. Photos by Suzanne Schettler.

Volunteers are the core of our existence. Without their hard work we could not have these sales or make progress on local conservation projects. Plant sale days are always busy and this year our chapter, and plants, outdid themselves. Many thanks to the UCSC Arboretum and Botanic Garden for again hosting this wonderful event; we greatly appreciate working with them.



Left, Richard Stover, volunteer plant porter; and right, a happy customer. Photos by Jackie Pascoe.

Thank you to the CNPS volunteers: Linda Brodman, Anna Davenport, Steve Davenport, Bonnie Duran, Lucy Ferneyhough, Ann Garside, Kris Houser, Meg Henschel, Karen Hildebrand, Ken Kellman, Karen Laing, Linda Locatelli, Todd Luchette, Mike Luther, Patricia Matejcek, Jackie Pascoe, Suzanne Schettler, Ruthe Smith, Richard Stover, and Linda Willis.

If you haven't already tried it, volunteer to help at a sale. It's a lot of fun! Please email me at juliad@cruzio.com and I will put you on the list for the fall sale in October.



Volunteers Ken Kellman, Ann Garside, and Linda Brodman. Photo by Jackie Pascoe.

You're Invited! Upcoming CNPS Chapter Council Quarterly Meetings

The Santa Cruz County Chapter is excited to host the Chapter Council meeting on September 6-8 at the UCSC Arboretum and Botanic Garden. The meeting will focus on conservation and there will be several seminars and field trips to participate in. All CNPS members are invited to attend. We'll keep you posted as to the schedule as more details become available.

We will need lots of volunteers to help with the meeting at the Arboretum in September. If you are interested in helping out, please send an email message to Linda Brodman or Brett Hall.

The June meeting will be hosted by the Santa Clara Valley Chapter on June 7-9 at Blue Oak Ranch Reserve. This will be a regular business meeting. More information and a schedule of events will be available soon at <https://www.cnps.org/chapters/chapter-council>.

Upcoming Field Trips

Bonny Doon Ecological Reserve with Val Haley. Saturday, May 18, 10:30 am - 1:30 pm

Val Haley, Botanist and Revegetation Specialist, will lead one walk that focuses on the rare plants, ecology, and geology of the Reserve. Val will also talk about plant uses and edible plants that we encounter along the trail. Come see the field-testing plots that promote the regeneration of Santa Cruz Wallflower (*Erysimum teretifolium*). It has been 11 years since the Martin Fire, and the native vegetation has made a strong come-back!

Sandhills wildflowers that will likely be in bloom include: clustered broomrape (*Orobanche fasciculata*), small flowered primrose (*Camissoniopsis micrantha*), sand gilia (*Gilia tenuiflora*), and the rare Ben Lomond spineflower (*Chorizanthe pungens* var. *hartwegiana*) and Santa Cruz wallflower.

Space is limited to 15 people, so be sure to sign up early. **To reserve your spot, call Val at 425-0687 or e-mail her at vegnet@cruzio.com.** We will meet at 10:30 am at the parking lot next to the old firehouse on Martin Rd. The closest major intersections are Martin Rd. and Pine Flat, or Martin Rd. and Ice Cream Grade. Bring hiking shoes, water, sun protection and a snack. The walk usually lasts about 3 hours. The trail will be loose and sandy with some moderate slopes.



Plants along the trail in the Bonny Doon Ecological Reserve. Photo by Val Haley.

Mother Santa Cruz Cypress Tree (after the Martin Fire)

As I walk along the trail I see, the charred
Burnt trunk of a Mother Santa Cruz Cypress Tree
She proudly stares down at hundreds of her progeny.
Seeds from the Earth, all set free
Carpets of seedlings remain, to continue their journey
Under the burnt skirt of the Mother Cypress Tree

-Val Haley, June 2018

Henry Cowell State Park with Andy Werner. Wednesday, May 15, 9:30 am - 3:30 pm

Come explore the sandy side of Henry Cowell State Park. Many plants will be in bloom, and some of them fragrant as well. We will see common, rare, and unusual plants at their best. Bring water, layers, sunscreen, hat, and a lunch. Space is limited so be sure to **RSVP Andy Werner at apwerner44@gmail.com soon!**

Directions: Park in the County Juvenile Center lot off Graham Hill Road.



Andy Werner hiking the hills of Calero County Park during a recent field trip. Photo by Richard Stover.

Beginner's Plant ID Walk with the Santa Clara Valley CNPS Chapter. Sunday, May 19, 9:45 am - 3:00 pm

Join us for a beginner's plant identification walk along Alum Rock Park's South Rim Trail. Space is limited so RSVP via CNPS Santa Clara Valley Meetup, or openspaceauthority.org/visitors/events.html.

Directions: See directions at the Santa Clara Valley Chapter website. The walk is free, but there is a \$6.00 parking fee.

Habitat Restoration Team

Saturday, May 11, 10:00 am - 1:00 pm Quail Hollow Ranch County Park

Check for more restoration dates at www.cruzcnp.org.

We are a volunteer group working to restore native habitat in the parks and protected lands in Santa Cruz County. Our program provides an opportunity for people to learn about the natural systems that surround them while helping to restore special and wild places.

No prior work experience is necessary, just show up at the park. We welcome individual volunteers from 8 to 80 years, as well as special group projects. Wear comfortable layered clothing, bring something to drink, and lots of enthusiasm! Tools are provided; bring gloves.

Contact: **Program Leader, Linda Brodman**
831.462.4041, redwdrn@pacbell.net



Hiking • Propagation • Keying Club • Conservation • Habitat Restoration • Field Trips • Herbarium Work • Talks

Membership News

The Santa Cruz County Chapter of CNPS
sends a hearty “Welcome!” to
our newest members :

Leonel Morales
Briana Vasquez
Karen Koppett
Ginger Fulton-Bennett
Amy Rapport
Nancy Driscoll
Ginny Marley
Sandra Santidecola
Jill Wolfson
Allana Childs
Jacob Pollock

Again, to our new folks, welcome to CNPS! And everyone, remember, summer is not too far away - get those potted natives into the ground before the hot, dry season sneaks up on us!

Note: Any member who would prefer to receive the Cypress Cone digitally, drop Ann Garside a line at anng@calcentral.com to make the switch. Thanks!

Join the California Native Plant Society

Your membership includes *Fremontia* (2x per year), a journal with articles on all aspects of native plants; *Flora* (4x per year) CNPS's newest magazine presenting a statewide report of activities and schedules; and our Chapter newsletter *The Cypress Cone* (6x per year). Fill out the form below, or go to www.cnps.org and join or renew your membership online.

Name: _____

Address: _____

City, State, Zip: _____

Phone: _____

Email: _____

Chapter Affiliation: _____

- Student/Fixed Income \$25
- Individual \$50
- Plant Lover \$120 (2 members)
- Supporter \$500 (2 members)
- Patron \$1,000 (2 members, plus Special Updates)
- Benefactor \$2,500 (2 members, plus Special Updates)
- Steward \$5,000 (2 members, plus Special Updates)
- Guardian \$10,000 (2 members, plus Special Updates)

Make your check payable to CNPS and send to:

California Native Plant Society, Attn: Membership
2707 K Street, Suite 1,
Sacramento, CA 95816-5130



Group photo of Calero County Park field trip participants. Photo by Richard Stover.

Like us on Facebook

Contribute to our group! Search for “Santa Cruz County Chapter - California Native Plant Society.” Ask a question about native plants or post your own photos of native plants in your yard or on your hikes.

Opt for email

If you would like to receive your newsletter via email only, please contact Ann at anng@calcentral.com and let her know your preference.

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 and other activities such as natural history, botany, ecology, conservation, photography, drawing, hiking, and gardening.

Donations 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 \$8 for the journal *Fremontia*, two issues per year.) Make checks payable to CNPS and send to: Santa Cruz County Chapter CNPS, P.O. Box 1622, Santa Cruz, CA 95061.