ANNUAL MEETING AND POTLUCK

Saturday, November 10th at 6:00 PM
Shoup Garden House
400 University Avenue, Los Altos

Mount Umunhum:
A Botanically Significant Summit

a Photo Tour by Ken Hickman

Join us for our favorite get-together of the year: the annual potluck dinner and election meeting, followed by our annual Butner Family Memorial Lecture. The evening is devoted to native plant appreciation, Chapter business, and delicious food. It’s the party of the year – don’t miss it!

At 3,486 feet, Mount Umunhum is one of the highest peaks of the Santa Cruz Mountains, and also one of the most mysterious. Overlooking the Santa Clara Valley, the mountain has views that extend to Monterey Bay and even the Sierra Nevada on a clear day. The summit is the former site of the Almaden Air Force Station, which was closed and off-limits to the general public and curious botanists for years. But in September 2017, after 60 years and extensive restoration by the Midpeninsula Regional Open Space District and U.S. Army Corps of Engineers, this iconic “hummingbird rest” and its unusual geology and flora opened to the public and took up the mantle as a must-see destination.

Ken’s program will showcase the flora and fauna that he and botanist John Rawlings documented on hikes and with camera traps during a survey of Mount Umunhum’s summit, canyons and new trails during the 2014-2017 restoration. The flora includes 290 native taxa, with eight CNPS Ranked, one State Rare, and over 20 Locally Rare species. Come learn about Umunhum’s uniqueness, and see why this “new” summit is a true gem of our Chapter and region!

Ken Hickman is a naturalist and wildlife scientist with a specialty in camera trapping, and a Chapter member with a love of botany. He’s been building high-quality camera traps and conducting wildlife surveys throughout California for over eight years, working for a number of public agencies.

Native rock garden on Umunhum summit with Dudleya cymosa, Eriogonum saxatile, Eriogonum nudum,* Ericameria nauseosa var. speciosa,* Keckiella corymbosa,* Epilobium canum,* Phacelia imbricata, Melica californica, Elymus multisetus, and Selaginella bigelovii (*not yet in bloom)

The potluck description continues on the next page.

Vote Yes on San Jose’s Measure T to Secure Land in Coyote Valley

In the last election San Jose voters protected Coyote Valley from becoming urban sprawl. Now they have the opportunity to vote YES to permanently protect critically important habitat in Coyote Valley from any future development.

San Jose’s Measure T is a $650 million bond measure put on the November 6th ballot by a unanimous vote of the City Council. It allows the city to allocate up to $50
million to purchase land in Coyote Valley for the purpose of preventing future devastating floods and to protect the water quality of our aquifers. The bond measure will also provide for infrastructure repairs, disaster preparedness and improvements in public safety. The chance to buy and permanently conserve critical portions of Coyote Valley as open space is an opportunity to be seized.

The Peninsula Open Space Trust recently purchased land in Coyote Valley that was slated to become a huge warehouse. If San Jose and its partners aren’t able to purchase more land now we can expect that more warehouses will come and the opportunity will be lost forever. Instead vote YES for the preservation of historical wetlands and increasingly rare valley floor habitat. Vote YES for using natural floodplains to absorb water rather than using more and more concrete. Our Chapter’s board recommends that we to vote YES to permanently save this ecological gem. Please urge your San Jose friends to Vote YES on Measure T.

Ashok Jethanandani
Coyote Valley as seen from Coyote Valley Open Space Preserve. February 2018.

Chapter Annual Election
The annual potluck is also the time to elect our Chapter officers for the coming year. All Chapter members may run for office – nominations may also be made from the floor at the potluck. Here is the slate put forth by the Nominating Committee:

President: Vivian Neou
Vice President: OPEN
Treasurer: Janet Hoffman
Chapter Council Delegate: Judy Fenerty
Elected Board Directors (2):
Peggy Jacobs, Arvind Kumar

Members may also run for one of the two elected board positions. Members seeking more information or wishing to run should contact the Chapter Leadership Development Committee (LDC) Chair Stephen Buckhout using the contact information below.

The LDC thanks all Board members who served this year. The committee is actively looking for a Chapter Vice President. We also have other open volunteer positions, including Fall Plant Sale Assistant Manager and Wildflower Show Assistant Coordinator. For more information about any open positions or to offer help of any sort, please contact LDC Chair Stephen Buckhout at yscottie@pacbell.net or (408) 255-6233.
CHAPTER ACTIVITIES

CNPS SCV Nursery at Hidden Villa

Come help propagate plants for our future plant sales by volunteering at one of our nursery work sessions, every **Wednesday, from 11am to 2pm.** Also, we’ll hold work sessions during the **member sale days** listed below.

Bring garden gloves, sunhat, liquids and your lunch if you like. Other tools will be provided at the nursery. Knowledge of plants is not necessary; your willingness to help is all that’s required.

The next **Monthly Member Sales** will be **11am to 2pm** on the following days:
- Saturday, November 17
- Saturday, December 15

An inventory of available plants will be updated the week before each sale. Visit [www.cnps-scv.org](http://www.cnps-scv.org) and go to Events, then Plant Sale.

**Directions:** Hidden Villa is located on Moody Road west of Foothill College. From Hwy. 280 in Los Altos Hills, take the Moody Road exit and head west. Two miles west of Foothill College, look for the Hidden Villa sign and driveway on the left. Proceed over the bridge and park in the Dana Center parking lot to your right. Continue walking a short distance on that road and you will see the CNPS SCV Nursery ahead of you, just past the Dana Center building. Parking is free while volunteering or attending a Member Sale.

**Gardening with Natives**

Gardening with Natives (GWN), a special interest group within the Chapter, includes beginning and seasoned native plant gardeners, along with landscape architects and designers. GWN offers over 35 free talks throughout the year at public libraries in San Mateo and Santa Clara counties. For more info., visit [www.cnps-scv.org/gwn](http://www.cnps-scv.org/gwn).

These programs are made possible by co-sponsoring libraries and volunteers who help with program logistics. If you would like to help organize similar programs at a library near you, please email gwn@cnps-scv.org.

**Seed and Cutting Exchange**

**a talk by Stephen Rosenthal**

**Thu., November 8, 7-8:30 PM,** Cupertino Community Hall, 10350 Torre Ave., Cupertino  **(408) 446-1677**

The fall rains are starting and this is the time that native seeds sprout and native plants start growing underground. It’s also the perfect time to plant your seeds, divide the Douglas irises, and take hardened cuttings of monkeyflowers. Hear about different methods of propagating native plants just in time to prepare for spring bloom and planting season.

After the program, we’ll swap plant material. Bring any seeds or cuttings that you’d like to share with others, and containers in which to carry what you want to bring home.

**Steve Rosenthal** is the past president of our Chapter of CNPS. He’s a retired high-tech worker and amateur photographer. He volunteers with Alum Rock Park to help restore its native habitat. He became interested in science because the world seemed like the most wonderful puzzle. After he retired, he discovered an even more entrancing puzzle right in his own garden.

**Native Gardening in Containers**

**a talk by Pete Veilleux**

**Wed., November 14, 7-8:30 PM,** Los Altos Library, 13 S. San Antonio Road, Los Altos  **(650) 948-7683**

Dress up the smallest of spaces using native plants in containers. Containers allow you to provide exactly the right soil, sun and drainage conditions for those picky natives that you’ve always wanted to grow. See how creative you can be recycling pots and combining different textures and color for an ever-changing garden display. The speaker will bring some plants and containers to sell.

**Pete Veilleux** is a master designer, nurseryman and photographer. He creates gardens using native plants for long-lasting landscapes that help people get the maximum use and pleasure from their patch of earth. He is the owner and propagator of East Bay Wilds Native Plant Nursery ([www.eastbaywilds.com](http://www.eastbaywilds.com)) in Oakland and a tireless advocate of native gardening.

**Creating Living Landscapes to Restore Nature’s Relationships**, a movie night with **(video-recorded) Douglas Tallamy**

**Wednesday, November 28, 7-8:30 PM,** Campbell Library, 77 Harrison Ave., Campbell  **(408) 866-1991**

Bring some popcorn or your favorite movie snack. We’ll be watching a video on Douglas Tallamy’s latest book, *The Living Landscape: Designing for Beauty and Biodiversity in the Home Garden* and discussing the information in the...
Douglas Tallamy is currently professor and chair of the Department of Entomology and Wildlife Ecology at the University of Delaware in Newark, Delaware, where he has taught insect taxonomy, behavioral ecology and other subjects. Chief among his research goals is to better understand the many ways insects interact with plants and how such interactions determine the diversity of animal communities.

Make a Holiday Wreath with Native Plants
a Demonstration by Sherri Osaka

Thu., December 13, 7-8:30 PM, Redwood City Library, 1044 Middlefield Road, Redwood City (650)780-7018

By selecting a variety of native foliage and berries from your garden, you can create a beautiful holiday wreath and recycle materials that you have on hand. Come watch while Sherri discusses what types of native plants to use, shows how to secure your greenery to a frame, and then demonstrates how to tie a big beautiful bow before hanging it up.

Sherri Osaka is a licensed Landscape Architect and Bay-Friendly Qualified Designer who started her company, Sustainable Landscape Designs, over 20 years ago. She is our Chapter’s GWN chair and received the 2018 Water Champion distinction from the Silicon Valley Water Conservation Award Coalition.

Keying with Natives
Join us as we learn and practice methods of identifying the native plants of our region (aka keying). We use the current edition of The Jepson Manual, of which there will be copies to share. Bring your own copy and a hand lens and plant samples if you have them. Microscopes are also available.

The upcoming meeting dates are Fridays, October 26, November 16 and December 21, from 6:30 - 8:30pm. We meet at the Peninsula Conservation Center (PCC), 3921 E. Bayshore Road in Palo Alto. For more information please contact Joe Cernac at joecernac@sbcglobal.net or (408) 292-5465.

Directions to the PCC: From Hwy. 101 take the San Antonio Rd. exit and head north. Take the next left onto East Bayshore, which will curve left then right. Take the next right onto Corporation Way. The entrance to the PCC parking lot is the first driveway on the left.

Mobile Photography for Beginners Nov 3
Our Photography Group is a great place to meet other native plant enthusiasts while improving your photographic skills and learning more about our native plants. We announce activities to our online discussion group (groups.google.com/forum/#!forum/cnps-scv-photography), so if you’d like to receive updates, please join via the web interface or by email. Learn more by visiting the Photography Group page at our website: www.cnps-scv.org/index.php/field-trips/336-photography.

The group will hold a workshop on Saturday, November 3, 10am to 1:00pm, entitled Mobile Photography for Beginners. Join us on this easy paced hike to learn how to take macro photos using your mobile phone camera and a loupe. We’ll learn:

- How to use natural light to get best results;
- How to take macro shots, composition techniques and more;
- The basics of photo editing, such as exposure, saturation, cropping and healing tool;
- Photo editing tools such as Snapseed and Lightroom.

Wear hiking shoes and bring water, light snacks, optional sunhat and walking poles, and of course, your mobile phone. The hike distance will be about 5 miles. Jeweler’s loupes will be available in limited quantities to borrow.

Directions: We’ll meet at Skyline Ridge Open Space Preserve, at the parking lot just off Skyline Blvd., about a mile east of the intersection of Skyline Blvd. and Alpine Road. See the map here: goo.gl/maps/qxejtzhcpe62.
Conservation Committee

Our Chapter’s Conservation Committee usually meets on the Tuesday following the first Thursday of the month. The next meetings will be on Thursday, Nov. 15 and Tuesday, Dec. 11 at 7:30pm at the PCC in Palo Alto.

Please join us in our important work! For questions, comments or concerns, please contact Conservation Committee Chair Carolyn Dorsch at cdorsch1@aol.com or (650) 804-6162. For directions to the PCC, see the previous Keying with Natives article.

SCHOLARSHIP RESEARCH

In December 2017, Kelly Santos, a graduate student at San Francisco State University, Estuary & Ocean Science Center, was awarded a Graduate Student Research Scholarship by our Chapter. Kelly has written this article for us, about the purpose and activities of her research.

The Reproductive Life History of Endangered Suaeda californica and its Use in Sea Level Rise Adaptation in San Francisco Bay
By Kelly Santos, SFSU, Estuary & Ocean Sciences Center

Over 90% of the salt marshes in the San Francisco Estuary (SFE) have been damaged or destroyed over the past century. As a result, some salt marsh plant species are now rare and will require active revegetation to insure both their presence and their functions. This includes the endangered California seablite, Suaeda californica, a succulent wetland shrub that occurs in a narrow high tide zone along sandy salt marsh edges or estuarine beaches.

The original native SFE population was eliminated around 1960, largely through urban development and habitat loss. Propagules from Morro Bay were used to reintroduce S. californica to San Francisco Bay in the late-1990s, and roughly 30 total plants have survived until now. As these low numbers hardly represent a restored population of S. californica, and the plants have only rarely self-recruited from seed, research is needed to understand the best methods to restore S. californica populations. Further, the large stature of this shrub and its propensity to grow in sandy, higher wave energy areas suggest that successfully restoring it might have multiple benefits to wetland habitat adaptation to climate change and sea level rise.

I spent the past year propagating the endangered plant, Suaeda californica, through cuttings and seed. I travelled to Morro Bay to collect seed from the only natural population of the species. I am currently using that seed in a germination experiment, where I am testing how the seed responds to various salinity treatments and the presence of submerged aquatic vegetation that washes ashore, aka wrack. I am curious if the presence of wrack can help aid the germination of the seeds in high salinity conditions that mimic salt marshes during drought years.

I am also testing how the plant responds to “arbors” (various configurations of wooden branches as support) in both mesocosm (examining the natural environment under controlled conditions) and field experiments. My team and I have observed that the plant can climb fences and logs in the field.

Understanding factors that promote S. californica reproduction, germination, and growth will inform the maintenance of SF Bay salt marshes and the habitat they provide, while also assisting in the recovery of an endangered species. In doing so, this project will help preserve California’s diminishing wetland habitats and help adapt to climate change and sea level rise.

I am extremely grateful for the support of the Santa Clara Valley CNPS Chapter student scholarship funding as it has helped support the purchase of materials for my experiments and has been valuable in making this research possible.

Researchers transplant successfully propagated California seablite at Blackie’s Pasture in Tiburon, CA, where they can be monitored to learn the best methods to restore their population.

We thank Kelly for her research and look forward to hearing more about her work on Suaeda californica restoration as her studies are completed. Kelly may be reached at ksantos7@mail.sfsu.edu.
Graduate and Undergraduate Students:
Applications for the Chapter's 2018-2019 research scholarships are due November 23. Information and scholarship applications are available at www.cnps-scv.org/index.php/education/scholarships.

CHAPTER SERVICE OUTINGS

Edgewood Restoration
Help restore habitat at Edgewood Park, known for fabulous wildflowers and amazing diversity near Redwood City. Sturdy gloves are recommended; you might also want to bring sunscreen, water, a hat, layered clothing and wear long sleeves/pants.

We weed year-round every Friday at 9am. Wednesday evening sessions will resume next spring. For more information including meeting places, contact Wednesday leader Ken Himes at (650) 591-8560 or Friday leader Paul Heiple at pheiple@gmail.com or (650) 854-7125.

Alum Rock Park Volunteers
Come help us weed out invasive plants at this natural gem of San Jose. Our habitat restoration efforts allow the native plants to “come to light.”

We have weeding sessions every Monday morning and an Inspiration Point Walk-and-Weed Day the third Saturday morning of each month. Please visit the Yahoo Group “Alum Rock Park Volunteers” to check the schedules. The group intro. lists what to bring and gives directions to the meeting places.

For more information contact Stephen Rosenthal at sailinsteve@sbcglobal.net or (650) 260-3450.

Lake Cunningham Native Garden
The California Native Garden project in Lake Cunningham Regional Park controls invasive plants in a 1.5-acre area and beautifies it with California native wildflowers, perennials, shrubs and trees. The project aims to create a sustainable, low-maintenance landscape, encourage community participation and ownership, and create habitat for birds and wildlife.

Workdays take place every Saturday, 9am - noon. Volunteers are welcome by appointment. To sign up, visit lakecunninghamnativegarden.org/volunteer. The park is located at 2305 S. White Road in San Jose. For directions, visit lakecunninghamnativegarden.org/directions.

CHAPTER FIELD TRIPS

Chapter field trips are free and generally open to the public. They are oriented to conservation, protection and enjoyment of California native plants and wildlife, and we adhere to all rules and guidelines for the lands on which we are visiting.

In our region it is very important to be prepared for hiking on rugged and steep terrain, wide temperature ranges and rapidly changing conditions at any time of year. All participants should wear sturdy footwear and carry sufficient water, sun protection, food, clothing layers, personal first aid and other supplies you may need. If you have any questions about your ability to participate in a particular field trip, please contact the trip leader in advance.

Sat Nov 17 10am – 4:00pm Uvas Canyon County Park (Morgan Hill)
Join Ken and Dee Himes on a 3-4 mile hike in this mostly shady woodland of mixed evergreens including redwoods, madrones, sycamores, alders and big leaf maples. There are also isolated populations of Oregon grape (Berberis nervosa) here, which is more commonly found north of the Golden Gate. We expect to see different types of fruiting bodies and some fall color changes.

We’ll meet in the parking lot. The hike will be moderate in intensity, with an elevation gain of about 700 feet. We will walk at a fairly leisurely pace, stopping for lunch about halfway. Be sure to wear good hiking shoes. A walking stick could be useful. Bring a lunch and plenty of water. There is a $6 fee per car. Heavy rain cancels. For more information contact Ken at (650) 591-8560.

Directions: From Hwy. 101, take the Bailey Ave. exit to head southwest on Bailey 3.2 mi. to McKean Rd. Turn left onto McKean. (McKean becomes Uvas Rd. 2.2 mi. south...
of Bailey.) From Bailey travel 6 mi. south on McKean/Uvas Rd. and turn right onto Croy Rd. Continue 4.4 mi. on Croy, through Sveadal (a private resort), to reach the Park entrance. For more about the park visit www.sccgov.org/sites/parks/parkfinder/Pages/UvasCanyon.aspx.

Sun Nov 25 10am – 3pm Trees and Shrubs of Santa Clara Valley: a Plant ID Walk at Rancho Cañada del Oro OSP (Morgan Hill)
It is said that a place feels like home when you can name the native trees and shrubs around you. Join Arvind Kumar and Stephen Rosenthal to learn about the trees and shrubs native to our area.

We will walk through a variety of native habitats: grassland, oak woodland, sage-chaparral scrub and riparian. Expect to see a variety of oaks, bay laurel, madrone, bigberry manzanita, toyon, coffeeberry, buckeye, holly-leaved cherry and snowberry. Trail vista points offer spectacular views of the Diablo Range and Mt. Hamilton. Beginners interested in plant identification are welcome.

Bring a hat, water, and a bag lunch. Dress in layers and appropriately for late fall weather. Heavy rain cancels. We’ll cover 4.3 miles with 500’ of elevation gain.

Space is limited. Please RSVP through the CNPS SCV Meetup site: www.meetup.com/California-Native-Plant-Society-Santa-Clara-Valley-Chapter. This walk is organized jointly by CNPS, Santa Clara Valley Audubon Society and Santa Clara Valley Open Space Authority.

ANNOUNCEMENTS
News and Activities from Other Organizations

Become an Edgewood Docent
Friends of Edgewood docents lead interpretive nature walks at Edgewood Park and Natural Preserve, near Redwood City, throughout the year, but especially during our famous spring wildflower season. No previous training is required to become a docent—only a love of nature and a desire to share. We will help you gain the knowledge, skills, and confidence to lead walks and interpret the preserve’s natural resources.

Each January through April, a series of eight Wednesday evening classes are paired with Saturday morning field hikes. The course covers Edgewood’s geology, plants, and wildlife, along with its history, preservation, and ongoing restoration. Along the way, you’ll develop the interpretive skills that make for a great walk experience. A $40 course fee covers the cost of materials.

For more information or to register for the training, contact the Docent Training Coordinator, Sandy Bernhard, at docent-trainer@friendsofedgewood.org.

DEADLINE FOR THE NEXT BLAZING STAR

Saturday, December 1, 2018
Email: carol.mattsson@gmail.com
Phone: (408) 255-3767
Santa Clara Valley Chapter California Native Plant Society
3921 East Bayshore Road
Palo Alto, CA 94303

Join CNPS Today!
Members receive the Fremontia, the Bulletin, and the Chapter newsletter, and other benefits listed at www.cnps.org/membership

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Membership level (check one):  
☐ $45 Individual  
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Areas of interest:  
☐ Advocacy  
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☐ Gardening  
☐ Plant ID

Donations above the membership level are gratefully accepted. Dues and donations are tax-deductible. Make your check payable to “CNPS” and mail it with this form to: CNPS Membership, 2707 K Street Suite 1, Sacramento, CA 95816 • 916-447-2677 • fax 916-447-2727

CALENDAR OF EVENTS (page # in parentheses)

Oct 26 Fri  Keying with Natives (4)
Nov 1 Thu  GWN – Buckwheats – Osaka
Nov 3 Sat  Mobile Photography for Beginners (4)
Nov 8 Thu  GWN – Exchange – Rosenthal (3)
Nov 10 Sat  Annual meeting & potluck (1)
Nov 14 Wed  GWN – Containers – Veilleux (3)
Nov 15 Thu  Conservation Committee meeting (5)
Nov 16 Fri  Keying with Natives (4)
Nov 17 Sat  Monthly member plant sale (3)
Nov 17 Sat  Uvas Canyon field trip (6)
Nov 23 Fri  Scholarship applications due (6)
Nov 25 Sun  Rancho Cañada del Oro field trip (7)

Nov 28 Wed  GWN – Douglas Tallamy movie (3)
Dec 1 Sat  Newsletter submittal deadline (9)
Dec 11 Tue  Conservation Committee meeting (5)
Dec 13 Thu  GWN – Holiday Wreath – Osaka (4)
Dec 15 Sat  Monthly member plant sale (3)
Dec 20 Thu  Newsletter mailing party - 10am PCC
Dec 21 Fri  Keying with Natives (4)
Dec 23 Sun  Plant ID walk Lake Cunningham (7)
Mon & 3rd Sat  Alum Rock weeding (6)
Wed  Nursery work sessions (3)
Fri  Edgewood weeding (6)
Sat  Lake Cunningham workdays (6)

The next Chapter board meeting will be Thursday December 6 at 7:00pm at a member’s home or the PCC, 3921 E. Bayshore Road. in Palo Alto. It will be our annual budget meeting. Please bring food to share. (There will be no November board meeting.)

Board meetings are open to all Chapter members and their guests.
For more information contact Madeline Morrow at madelinemorrow@earthlink.net.
The California Native Plant Society is a statewide non-profit organization of amateurs and professionals with a common interest in California’s native plants. The Society, working with its local chapters, seeks to increase understanding and to preserve the rich heritage of the native flora for future generations. Membership is open to all. Individual memberships are $45.00 per year. If you have questions about your newsletter subscription, please contact membership@cnps-scv.org. Address changes may be submitted to cnps@cnps.org; please put “member address change” in the subject line.