



CALIFORNIA NATIVE PLANT SOCIETY
San Diego Chapter Newsletter

CHAPTER MEETING

OCTOBER 15, 2019

Casa del Prado Room 101, Balboa Park

- 6:30 pm – Natives for Novices (pre-meeting)
- 7:00 pm – Refreshments, browsing, & socializing
- 7:30 pm - Announcements
- 7:45 pm – Main Presentation

Chapter meetings are free and open to the public.

Pre-meeting

Baja Rare: Conserving Our Shared Rare Flora

by Dr. Sula Vanderplank

This talk will present recent advances as part of the new collaborative initiative to conserve plants that are rare both sides of the US/MX border. San Diego Zoo Global, the San Diego Natural History Museum and the National Seedbank of Mexico are working together in Baja California to make conservation seedbank collections, update population status at each occurrence, and evaluate genetic diversity of the rarest plants of our borderlands.

Main Presentation

Salt Marsh to Mountain: Population Genomic Surveys for Six Rare Plant Species in San Diego County

by Dr. Elizabeth R. Milano & Margie Mulligan

This project, a collaboration between the U.S. Geological Survey and the San Diego Natural History Museum, aims to provide a reference point for the current status of genetic diversity of rare plant species in San Diego County. We focused on six threatened or endangered plant species including *Acanthomintha ilicifolia*, *Baccharis vanessae*, *Chloropyron maritimum* ssp. *maritimum*, *Deinandra conjugens*, *Dicranostegia orcuttiana*, and *Monardella viminea*. This population genetic survey provides insight into

the amount of genetic differentiation across each species' range, identifies isolated occurrences potentially subject to inbreeding or genetic bottlenecks, and distinguishes areas that are rich sources of allelic diversity. The results of this project inform future preservation and restoration efforts and directly contribute to the conservation and management of these rare plant taxa in the San Diego Management Strategic Plan Area.

Calling All East County Native Gardens!



Be a part of the 2020 Native Garden Tour on April 4th and 5th. Next year we'll return to showcasing the wonderful native gardens of East County. We are looking for gardens located within the boundaries of highways 15, 94, 52 & 67 as well as roughly within a few miles of the La Mesa area (i.e. La Mesa, San Carlos, Santee, Fletcher Hills, Rolando and College Area). If you have or know of a Native Garden (with 70% or more natives) that should be considered

for the tour, go to gardentour@cnpssd.org for more details and an application.

Oaks of Southern California Workshop

November 9 & 10, 2019

Buena Vista Audubon Nature Center, Oceanside.

The Southern California Botanists (SCB) is hosting a two-day oak identification workshop that will introduce participants to the species of oaks found in southern California, where to find them, and how to tell them apart. The class will include a presentation and classroom hands-on session on Saturday, and a field trip into the San Diego back country on Sunday. Instructor: **Fred M. Roberts**. \$130 (SCB members, \$155 non-members.) Go to the SCB website, www.socalbot.org, and follow the link "Register here" for a workshop description and details.

Chapter Meeting Presenters



Dr. **Sula Vanderplank** is a postdoctoral fellow at San Diego Zoo Global and a research associate at the San Diego Natural History Museum. She is also adjunct faculty at San Diego State University and the Center for Research and Higher Learning in Ensenada (CICESE).

<https://institute.sandiegozoo.org/science-blog/highs-and-lows-searching-our-cross-border-rare-plants-baja-california>

<http://www.indefenseofplants.com/podcast/2019/5/26/ep-214-unraveling-the-mysteries-of-bajas-botanical-bounty-a-conservation-story> ; www.SUVAResearch.com

Elizabeth R. Milano is a Geneticist with the U.S. Geological Survey – Western Ecological Research Center, San Diego Field Station. She has a background in population and quantitative genetics with a focus on plant-pollinator interactions. She holds a B.S. in Genetics from the University of California, Davis and a Ph.D. in Plant Biology from the University of Texas at Austin. emilano@usgs.gov



Margie Mulligan is an independent Botanist and a Department Associate in the Botany Department at the San Diego Natural History Museum. She has over 25 years of botanical experience with 15 years in San Diego County. She holds a B.S. in Environmental Studies from Northland College and an M.S. in Botany from Miami University of Ohio. mulliganbiocon@gmail.com



BOARD MEETING

Wednesday, October 2, 6:30 – 9:00 p.m. 4010 Morena Blvd, Suite 100, San Diego (Thomas Guide 1248 C4). CNPS-SD Executive Board meetings are always the first Wednesday of the month, except when the 1st Wednesday falls on a holiday. Members are welcome to attend as observers. To add an issue to the agenda, please email president@cnpsd.org.

Board Elections in November We need more board members!

The Chapter board of directors runs the chapter. We meet the first Wednesday of the month, 6:30~9:30 pm. To be a board member, you don't have to know much

about plants, although caring about native plants will definitely help. We're particularly looking for people interested in helping with education, public outreach, membership and many other areas, so if you are interested, please contact vicepresident@cnpsd.org for more information.

To run for the board, submit a paragraph on who you are and what you can do for CNPS-SD. Examples of these documents can be found in previous November chapter newsletters. **THE DEADLINE FOR SUBMISSION IS OCTOBER 10, 2019.** We look forward to hearing from you.

~ **Bobbie Stephenson**, Vice President

FIELD TRIP

Recon Native Plants Friday, October 18, 2019 9:00 am to noon

DIFFICULTY: EASY [Guided Tour]

PLANT KNOWLEDGE: Everyone welcome!

ACCESS: Open to all [this event only], no charge. Some areas are not ADA accessible on the behind the scenes portion of the tour.

[SEVERE WEATHER CANCELS EVENT - Temps over 95°F (32°C) or Storm Warnings]

<https://www.reconnativeplants.com/>

Instagram: @reconnativeplants

Seasonal Plant Sales at the nursery are open to the public. Get on the mailing list to find out when they occur! If you don't want to wait until the next public sale, come get RECON plants at the CNPS-SD Fall Plant Sale on October 12 in Balboa Park.

Patrick Montgomery and the staff of RECON Native Plant Nursery have opened their gates to us, letting us back in to peek about the nursery this fall. RECON specializes in growing difficult native species for restoration and wholesale plants for large scale sustainable landscapes. If you've wanted to see how restored vernal pools get a little boost of rare plants, this is your chance for the year.

RECON Environmental, Inc. has assisted in formation of local and regional Habitat Conservation Plans and provides environmental studies in California and Arizona. Their expertise in rare and vegetation community foundation plants has benefited San Diego since 1972. RECON Native Plant Nursery recently broke away from the parent company to focus on the growing aspect of the environmental sector.

The tour will be guided by staff around their tour format. Some information and areas may be proprietary, so ask permission before taking any photographs or notes and respect the operation's protocols.

Bring good shoes and sunscreen.

CARPPOOL: Carpool will be available for anyone who might find it convenient, especially anyone using public transit. Arrive between 8:10 and 8:20AM at the Fashion Valley Transit Center Parking Lot (West side parking area of the Fashion Valley Mall near Fashion Valley Rd). Look for a black Toyota Tundra OR Dark Gray Rav4. Spaces may fill up, so please be prepared to drive. Carpool participants should expect to return around noon. Parking is free for 24 hrs and has roving security at Fashion Valley Transit Center; however, risks are

the same as parking anywhere on the street. Message the group for possible alternatives.

LOCATION: 1755 Saturn Boulevard, San Diego, CA.

DIRECTIONS: From SAN DIEGO take I-5 South, exit Palm Ave & go west. Get into left turn lane, South onto Saturn Blvd. RECON is on east side of Saturn, near the river. From OTAY MESA: West on 905 until it ends on Tocayo. Turn right on Hollister, left on Leon, and left on Saturn.

CALIFORNIA NATIVE PLANT SALE

SATURDAY, OCTOBER 12, 2019

BALBOA PARK, SAN DIEGO - CASA DEL PRADO THEATER COURTYARD
1700 VILLAGE PLACE

9AM - 3PM

CALIFORNIA NATIVE
PLANT SOCIETY



Open to the Public
Member Discounts!
www.cnpssd.org
facebook.com/cnpssd/

❖ **HUNDREDS OF SPECIES & CULTIVARS:**

**SHADE TREES, WATER WISE SHRUBS, SEASONAL FLOWERS,
NATIVE BUNCH GRASSES, CACTI & SUCCULENTS,
BEE-FRIENDLY GROUNDCOVERS**

❖ **OPEN AIR GARDEN MARKET FEATURING:**

**LOCAL & STATE SOURCED SEEDS AND BULBS,
BOTANICAL ART, SHIRTS & HATS,
EDUCATIONAL POSTERS,
BOOKS FOR ALL AGES**

❖ **CURBSIDE LOADING &
SECURE HOLDING AREA**

❖ **FRIENDLY GARDENING EXPERTS
AVAILABLE TO ASSIST**

**WHY NATIVE PLANTS? ATTRACT BIRDS & BUTTERFLIES, SAVE WATER,
AND HELP PRESERVE SAN DIEGO'S NATURAL ECOSYSTEMS!**

**All proceeds support the San Diego Chapter of the California Native Plant Society,
a 501(c)3 non-profit dedicated to the preservation of native California flora**

Photo credit: Torrey Neel 2019

CNPS CHAPTER COUNCIL REPORT

What do you think? This goes back to the Chapter Council in December, so please send your thoughts and ideas to conservation@cnpsd.org. Thanks in advance!

~ Frank Landis, CNPSSD Chapter Council Rep

CNPS Decarbonization Pledge?

As most of you know, in addition to being the CNPS-SD Conservation Chair, I also represent our chapter at the quarterly Chapter Council meetings. Among other things, the Chapter Council does policy for the entire CNPS organization, and I got sucked into the policymaking vortex again last month.

This one started in June. I happen to know our Executive Director, **Dan Gluesenkamp**, and during an email discussion I mentioned that it would be great if CNPS would pledge to decarbonize its operations. Dan is nothing if not terrifyingly enthusiastic, and his ebullient response prompted me to sigh and to try to make it happen.

The idea is that, optimistically, we've got a decade or less to stem the worst aspects of climate change globally. California's got a series of policies in place to try to get us to do that, and locally, most cities and the county are at least making gestures towards doing something about climate change.

I figured that if I'm going to advocate on CNPS's behalf that everybody should be doing more to decrease our carbon emissions, then maybe I should also be doing more to try to get CNPS to decrease our emissions too. Here's what I came up with:

"CNPS pledges to decarbonize its activities by 2029, meaning that our activities will, in net, add no greenhouse gases to the atmosphere every year. This pledge encompasses work done by staff and volunteers, in activities, meetings, and events. Methods for reaching this goal remain to be determined as of the adoption of this pledge in 20__, so successful methods, techniques, innovations, and programs will be freely shared within CNPS as a normal function of the society."

This pledge has not been adopted by the Chapter Council. That could happen in December at the very earliest. Instead, I asked everyone to take it back to their chapters and discuss it, tinker with the language, and so forth. We also cooked up a simple questionnaire about whether the idea of decarbonizing was familiar, what (if anything) chapters are already doing to reduce emissions, and what they wanted more information on.

I want to throw open this discussion to every CNPS member. On the one hand, CNPS needs to keep being about native plants, so we need to keep gardening, keep doing field trips, and keep selling plants and doing presentations. Conversely, CNPS's entire existence has occurred during an era of cheap gasoline, and most of our activities depend on gas to some degree. That era is coming to an end, and we need to figure out how to be CNPS under a new and evolving transportation regime. I'm stressing transportation because, at a first rough guess, that's where most of our emissions come from: driving. We'll need to figure that out and figure out how to track emissions too, without it becoming burdensome.

CONSERVATION

Conservation Committee

October 1. We meet the first Tuesday of every month, from 5:30 to 7:30 pm. Email conservation@cnpsd.org for details. If you are interested in this kind of work, you are very, very welcome, as we always need more volunteers. **We are happy to train you**, too, and we have developed training materials. If you know of a project that needs our involvement, we also welcome you. Our goal is to protect California's native plants, and where they are threatened, whether it is by development or climate change, we speak up and advocate for them.

Conservation Column

On September 6, 2019, without much notice, the California legislature passed SB 632. This little bill said the following:

"SECTION 1. (a) The Legislature finds and declares that many of the most destructive and deadliest wildfires recorded in California's history have occurred in the last two years, and the proposed program environmental impact report for a vegetation treatment program serves as an important public safety component to reduce the risk of loss of life and property from high-intensity wildfires.

"(b) The Legislature therefore intends that the State Board of Forestry and Fire Protection complete the proposed program environmental impact report for the vegetation treatment program as soon as practicably feasible and that the report be used to complete priority fuel reduction projects to protect communities vulnerable to wildfires.

"SEC. 2. Section 746 is added to the Public Resources Code, to read:

"746. (a) As soon as practicably feasible, but by no later than February 1, 2020, the board shall complete its review, pursuant to the California Environmental Quality Act (Division 13 (commencing with Section 21000)), of the vegetation treatment program pursuant to a notice of preparation, State Clearinghouse Number 2019012052, filed by the board with the State Clearinghouse on January 30, 2019, and certify a final program environmental impact report pursuant to the California Environmental Quality Act.

"(b) This section shall remain in effect only until January 1, 2021, and as of that date is repealed."

SB 632 requires Cal Fire to approve the Vegetation Treatment Program (VTP). Fortunately, they did not make a statutory exemption from CEQA over it, because this may well end up being litigated by some organization.

Here's why.

When we conservationists read the VTP introduction, the following phrases kind of leaped out: "While vegetation treatments under the CalVTP may not be able to slow or halt the extreme fires, most fires that occur within the state are not highly wind driven, and the proposed vegetation treatments can help slow and suppress them. Vegetation treatments can also play a valuable role in containing the more extreme fires, when weather conditions shift, wind subsides, and fire intensity decreases."

"Certain wind and weather conditions lead to high-intensity, fast-moving, wind-driven wildfires. Although the most individually destructive, these extreme fires represent a small number of the total fires that occur each year."

The VTP as a whole seemed to want it both ways, to say that they're complying with the legislature's intent to "reduce the risk of loss of life and property from high-intensity wildfires," but they also say that they can't control them. And they also claim that this doesn't matter, because extreme fires are rare.

That confused me, so I decided to turn to Cal Fire's own published data. Oddly enough, Cal Fire reorganized their website right when they published the VTP, so all the data they cited in the VTP was unavailable at the links given. However, good ol' Wikipedia came to the rescue, because someone had been scraping the data from Cal Fire's sites and publishing pages containing summaries of the data, with easy-to-find titles like "2018 California wildfires." Cal Fire backed its claims with data from 2010-2018, so I got data from 2008-2018 to see what was going on. And it's kind of interesting.

It turns out that between 2008 and 2018, California averaged just over 8,000 fires per year. These burned on average 838,990 acres per year. Of these 8,000 fires, on average the five largest fires accounted for over 50% of the acreage burned. On average, only 42 fires were over 1,000 acres, but they accounted for almost 84% of the acreage burned each year, sometimes almost all of it. While there's a trend of increasing fires from 2010-2018, 2008 and 2009 (not to mention 2007 and 2003) do not fit this trend line.

Let me unpack that for you: less than 1/10th of 1 percent of the fires in the state burned over half the acres burned, and less than half a percent of fires burned a vast majority of the acreage. The other 99% of the fires burned a minority of the land.

My take on this is that California's firefighters are actually really, really good at their job now. They control almost all the fires every year. However, there are a few monsters they can't control, and these monsters cause most of the damage. The legislature intended for the VTP to deal with these biggest fires, and even Cal Fire thinks the VTP is incapable of doing this.

This is one of the big problems with the VTP, but it's not the only one, and that's why I suspect someone will litigate when

it passes as mandated. "Suspect" does NOT mean that CNPS will definitely litigate on this. Rather, there are a lot of unhappy environmental groups out there. I'd love for the legislators who voted for SB 632 thinking it would make things better to also be unhappy, but politics doesn't seem to work that way.

As for what we should do about extreme fires, there's a growing body of research that suggests that clearing the vegetation won't keep people safe. Instead, the data suggest that the best solutions are to not build in high fire areas or, failing that (and we've failed that for maybe a million homes or more), then those homes need to be hardened against fire and maintained properly.

If you want to read more about fire, there was a great article by Bettina Boxall in the September 11 Los Angeles Times: "Forest thinning projects won't stop the worst wildfires. So why is California spending millions on them?" (<https://www.latimes.com/projects/wildfire-california-fuel-breaks-newsom-paradise/>). There's also new research showing that mega-fires are not increasing across the west, that they're an endemic problem like earthquakes and floods (<https://phys.org/news/2019-09-megafires-large-high-severity-natural-western.html>).

Finally, CNPS just published the updated Fire Recovery Guide that you can download for free at <https://www.cnps.org/give/priority-initiatives/fire-recovery>. This one focuses on what to do about your land after a fire, and it improves on the last guide. Some paper copies are available, but they'll go fast.

There's not an elegant way to end this, except to note that every environmental group right now needs you to give to their litigation fund. That includes CNPSSD. The VTP isn't the end of it, and we need resources to keep fighting.

~ Frank Landis, Conservation Chair

GARDENING WITH NATIVES

Native Gardening Committee Meeting

October 9, 6:30 - 8:30 pm. The Native Gardening Committee meets the 2nd Wednesday of each month at various locations. Contact gardening@cnpsd.org for location and time. Meetings address a lively array of gardening opportunities, projects, and special events. The location rotates each month amongst private homes and public spaces. They are usually preceded by a potluck dinner.

Old Town Landscape

There will not be a work party at the Old Town Landscape in October because the usual day, the second Saturday of the month, is the same date as the Chapter Fall Plant Sale. See you at the Sale! - Peter and Kay, OldTownLandscape@cnpsd.org

Seeds of the Native Flora

Want to find seeds that are both local to your area AND are host plants to local butterflies and moths?? CalScape has an easy tool that lets you cross reference our CNPS seed inventory to find butterfly host plant seeds for sale! Just go to calscape.org then Advanced Search. On your first pass just fill in these fields: Native to (your address/zip code), Common Uses (butterfly host plants), Nurseries (CNPS San Diego Seed and Bulb Sales) - then hit search. All of the seeds that we sell that host at least one Lepidoptera will be listed. You can further sort by "Number of butterflies hosted" under "Options." In my case *Acmispon glaber* (Deerweed) is native in my area and supports 15 different species! You can go back and limit the selection of plants by some of the other characteristics like sun or water requirements, flower color, and may other variables. Once you get your plant list together, go over to our on-line mailing list and order away <https://www.cnpsd.org/orderseedsandbulbs>. Please let us know if you use this tool to make your plant selections!

Cindy Hazuka, Seed and Bulb Coordinator
California Native Plant Society, San Diego Chapter
cnpsd.seeds@gmail.com
<https://www.cnpsd.org/seeds-and-bulbs/>

Order seeds here:

<https://www.cnpsd.org/orderseedsandbulbs>

CNPS Certifications

Upcoming Exam: November 14, 2019.

Register by October 29, 2019.

Exam Location: Sacramento area, California.

Email **Elizabeth** at ekubey@cnps.org if you are interested in taking the exam and to give her your location. For more information about California Botanist Certification, contact **David Magney** at dmagney@cnps.org.

Professional certification for field and consulting botanists is good for the profession and good for the environment. Certification helps ensure that the most qualified people conduct California's environmental reviews and that our decision-makers have the information they need to make sound land-use decisions. That's why CNPS and other leading botanical organizations have partnered to create a consulting botanist certification to formally recognize botanists that:

- Incorporate scientifically sound botanical principles in decision-making.
- Meet a minimum set of standards in knowledge and experience.
- Adhere to high ethical standards.

There are two levels of certification: **Field Botanist** and

Consulting Botanist.

Those botanists who have become certified have each passed rigorous examinations to determine their knowledge and experience. A total of four examinations have been developed to measure a botanist's knowledge. Many of the test questions are based on years of experience, not from course lectures. Two of the exams measure the botanist's knowledge and skill at identifying the California flora. The remaining two exams measure the botanist's knowledge of terminology, taxonomy, floristics, statistics, field measurement and survey methods, vegetation ecology, environmental regulations and processes, and everything else that field and/or consulting botanists working in California need to know. The Certified Botanist has passed each exam with at least a score of 75%, as well as signing their name to a Botanist's Code of Ethics that requires the Certified Botanist to hold and follow high professional standards in conduct.

Certified Field Botanist. The Field Botanist is competent in identifying native and naturalized plants found in California and is able to use appropriate plant keys and field survey methods and protocols that satisfy documentation and assessment requirements. They can identify the dominant and characteristic plants that compose the California flora and know how to identify those native and naturalized species that they may not be able to identify on sight. They have a good grasp of botanical terminology and know how to conduct field surveys and map plant occurrences and populations that are necessary for laboratory analyses and/or impact assessments. They can also monitor plant populations during and after construction and perform monitoring of mitigation implementation (during and afterwards). The Certified Field Botanist knows how to characterize the botanical resources of a site and record their findings.

Certified Consulting Botanist. The Certified Consulting Botanist has satisfied all requirements of a Field Botanist, as well as demonstrated competence in document preparation, such as: describing baseline conditions of a study/project area, critically analyzing project-related impacts to botanical resources, developing feasible mitigation measures to avoid or compensate for identified impacts, and demonstrating a clear understanding of environmental laws and regulations pertaining to plants. They know how to research environmental policies and regulations that apply to a variety of projects and how to document the existing conditions of a project site or study area. The Certified Consulting Botanist knows how to assess project-related impacts to the botanical resources of the site and whether those impacts are considered significant pursuant to environmental regulations, whether they be federal, state, or local. They also can develop feasible mitigation measures to reduce any significant impacts to less-than-significant levels and are adept at assisting clients through the environmental permitting process, at least as far as the botanical resources are concerned.

RELATED ACTIVITIES

CNPS Bryophyte Chapter

**Registration is now open for the
SO BE FREE Bryophyte Foray March
20 – 23, 2020, in Lake County, CA.**

<https://bryophyte.cnps.org/images/pdf/SBF25Announcement.pdf>

CA Desert Protection Act Treasure Hunt

Saturday, November 9

Thousand Palms Oasis Preserve, Riverside County.
Organizers: Amy Patten, apatten@cnps.org & Nick Jensen, njensen@cnps.org. Join us for a late-season hike to celebrate the anniversary of the California Desert Protection Act on at the Thousand Palms Oasis Preserve in Thousand Palms, CA.

[Sign up here to reserve a space and receive further information about the event.](#) Space is limited so an RSVP is required! We will search for Leopold's rush (*Juncus acutus* subsp. *leopoldii*), narrowleaf sandpaper plant (*Petalonyx linearis*), and other desert rarities while we learn about this important palm oasis habitat. Be prepared to hike a moderate distance (2-5 miles) on potentially uneven terrain. Bring sturdy shoes, lunch, water, sun protection, and a hat.

Southern California Botanists

45th Annual Symposium

Saturday, October 5, 2019

New Frontiers in Botany:

Discoveries and Emerging Tools

Seaver Auditorium (645 N. College Avenue) at Pomona College in Claremont, CA. Click here for directions: [Seaver Auditorium, Claremont, CA.](#)

Cal-IPC Symposium

October 15-18, Riverside

Registration now open!

The symposium will be at the Riverside Convention Center and rooms are available at the historic Mission Inn in downtown Riverside, steps away from restaurants and entertainment. The program includes talks, posters, trainings, discussion groups and field trips on a range of topics addressing invasive plants and their management. Connect with colleagues from across the state, and get the latest updates on effective tools, relevant research, and strategic management approaches.

Join Cal-IPC for the member discount: Cal-IPC members get discounted registration to the Symposium, including discounts on training sessions and field trips. Members also receive a subscription to Cal-IPC's newsletter, Dispatch, featuring the latest on plants, projects, and policy.

Check the website for details, including area maps and more. <https://www.cal-ipc.org/resources/symposium/>

San Diego Audubon Society

For **October 2019** Audubon birding field trips, including for beginners, visit: <https://www.sandiegoaudubon.org/news-events/upcoming-events/calendar/2019/10>

Audubon's [Silverwood Wildlife Sanctuary](#) is open to the public on **Sundays from 9 am to 4 pm, October through July.** **Guided nature walks are conducted at 10 am and 1:30 pm October through June,** with some guided hikes featuring a special topic. Audubon's [Anstine-Audubon Nature Preserve](#) is a North County birding hotspot and is open to the public on **Saturdays, 9 am-12 pm.**

2020 San Diego Bird Festival

February 26 to March 1, 2020

Marina Village Conference Center

The festival brochure will be available in early October. Please contact **Jen Hajj** at hajj@sandiegoaudubon.org with the subject line "Please send a festival brochure to this address."

Registration will open November 11, 2019 at 9:00 am Pacific Time. The BEST way to get the programs you want is to register online. Mailed-in registration forms may experience a short lag in processing.

The CNPS-SD Newsletter is generally published 12 times a year. The newsletter is not peer reviewed and any opinions expressed are those of the author identified at the end of each notice or article. The newsletter editor may edit the submittal to improve accuracy, improve readability, shorten articles to fit the space, and reduce the potential for legal challenges against CNPS. If an article, as edited, is not satisfactory to the author, the author can appeal to the board. The author has the final say on whether the article, as edited, is printed in the newsletter. Submissions are due by the 10th of the month preceding the newsletter; that is, September 10 for the October newsletter, etc. Please submit items to newsletter@cnpsd.org

CNPS-SD Activities Calendar October 2019

10/1: Conservation Committee Mtg, p.4
10/2: Board Meeting, p.2
10/9: Garden Committee Mtg, p.5
10/12: Plant Sale, p.3
10/15: Chapter Meeting, p.1

MEMBERSHIP APPLICATION

___ Student or Limited Income \$25; ___ Individual \$45; ___ Family \$75
___ Plant Lover \$100; ___ Patron \$300; ___ Benefactor \$600; ___ Mariposa Lily \$1,500
Name(s): _____
Address: _____
Phone: _____ e-mail: _____

Mail check payable to "CNPS" and send to: CNPS, 2707 K Street, Ste 1, Sacramento, CA 95816-5113.

CALIFORNIA NATIVE PLANT SOCIETY

San Diego Chapter
C/o San Diego Natural History Museum
P. O. Box 121390
San Diego, CA 92112-1390



October 2019 Newsletter

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Dedicated to the preservation of the California native flora
CALIFORNIA NATIVE PLANT SOCIETY – SAN DIEGO

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BOARD MEMBERS

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OPEN POSITION

CHAPTER COUNCIL DELEGATE

Frank Landis.....chaptercouncil@cnpssd.org

RARE PLANT BOTANIST

Fred Roberts.....rarebotanist@cnpssd.org
(760) 712-7604

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GARDEN WORKSHOPS.....workshop@cnpssd.org
HABITAT RESTORATION: Arne Johanson..... (858) 759-4769 &
Bob Byrneshabitatrestoration@cnpssd.org
MEDIA: Joseph Sochor.....media@cnpssd.org
NEWSLETTER: Bobbie Stephenson.....newsletter@cnpssd.org
(619) 269-0055

OLD TOWN NATIVE PLANT LANDSCAPE: Peter St. Clair and
Kay Stewart.....OldTownLandscape@cnpssd.org
PLANT SALE-FALL: Connie di Girolamo.....plantsale@cnpssd.org
POSTER SALES: OPEN.....postersales@cnpssd.org
PROGRAMS: Torrey Neel.....programs@cnpssd.org
PROPAGATION: Amy Huie, Jim Wadman, and Torrey Neel.....
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