CHAPTER MEETING
SEPTEMBER 17, 2019
Casa del Prado Room 101
Balboa Park

Schedule
6:30 pm – Natives for Novices
7:00 pm – Refreshments, browsing, & socializing.
7:30 pm - Announcements
7:45 pm – Main Presentation.

Chapter meetings are free and open to the public.

Natives for Novices
The SD Native Bee Garden
Planting and Designing a Garden for Native Bees by Julie Serences

How do you know it’s a bee? A little solitary bee biology. What landscape design features do they need to be successful in your yard? Seasonality? Emphasis will be on specific plant and bee interactions. What bee behaviors to look for in your landscapes?

Julie Serences, Xerces Society Partner in Pollinator Conservation, is a self-taught naturalist and professional educator with over 25 years of experience teaching learners of all ages. She has given presentations to many diverse groups from the Cal EPA, to Master Gardeners, to local gardening clubs, to the Pesticide Applicators Professional Association. She has been giving talks about native bees for the Xerces Society for the last 8 years. She moved to San Diego five years ago, ripped out the lawn and started a garden for native bees.

Main Presentation
Native Bugs of the Californias and the Plants that Love/Hate Them
By Dr. Michael Wall
The vast diversity of native plants in Peninsular California supports an even more vast diversity of native insects and their cousins. Michael’s presentation will focus on some of the highly specialized relationships between native plants and animals, and how those relationships fuel biodiversity and ecosystem services.

Dr. Michael Wall, Curator of Entomology at the San Diego Natural History Museum, has been slowly learning about our region’s insect diversity since arriving in San Diego in 2006. Before that, he worked at the Australian Museum after getting a PhD in Entomology at University of Connecticut. Before he saw the light, he earned both a Master’s and Bachelor’s degrees in Botany at Auburn University in Alabama.

FALL WORKSHOP:
The Resilient California Native Garden
September 14, 2019
9:00 am – 3:15 pm
See p. 3
Volcan Mtn Rare Plant Survey

Sunday, September 1, 2019; 8:00 am to 2:00 pm
DIFFICULTY: MODERATE [Unknown length]
PLANT KNOWLEDGE: Amateur botanist +, Professionals always welcome!
ACCESS: Open to all [this event only], no charge
[SEVERE WEATHER CANCELS EVENT - Temps over 95F (32C) or Storm Warnings]

Having taken August off due to the heat, I considered waiting out September as well. However, an email chain from the Volcan Mountain Foundation brought an interesting opportunity in front of us: Surveying a restricted access montane preserve.

The Volcan Mountain Nature Center and trails above it, protected by the Preserve, are about as wild as the Peninsular Range gets so close to civilization. As such, there have been few botanical surveys on the mountain. We aim to add more, starting this summer and following up over the years ahead. This field trip will focus on providing CNPS survey protocol survey data to the Foundation’s records as well as other partnering organizations like the NAT, CDFW via CNDDB, and CalFlora via iNat. We might be doing collections on the mountain where permitted.

Rare plants that may still be bloom are Astragalus oocarpus [1B.2], Symphyotrichum defoliatum [1B.2], and Grindelia hallii [1B.2]. For those attending that have performed or attended such surveys before, we will go over a quick training at the Nature Center before carpooling up to the survey sites. It won’t all be ‘work’, though. We’ll have time to stop by the riparian canyon under the shaded canopy of oaks, willows, and pines at Ironside Spring where the Giant Stream Orchid (Epipactus gigantea) grows.

This summer is globally the hottest yet on record and temps on the mountain have been above 85 F (30 C) highs consistently since July. We will delay this event into October if the weather forces a cancellation. Assuming the high stays below 95 F (35 C), we’ll maintain a strategy of staying fairly close to the vehicles and coming well prepared for heat, insects, and strict evacuation coordination if a fire breaks out nearby. Please bring water, sun hats, light cool clothing, and a bandana for the sweat. Other dangerous things we might encounter are rattlesnakes and falls, so gaiters and trusty hiking boots are recommended.

The plan for the day is to meet at the Nature Center, greet the excellent Conservators for the Volcan Mountain Foundation, and have an orientation after everyone shows up. After the survey protocol training, we’ll head up to Hunters Camp via carpool and begin a General Releve’ Survey, dividing duties to compile our Plant List, identify rare plants, taking macro and general vegetation photographs (very important!), and documenting conditions. If allowed, we’ll force a shorter day (noon). Otherwise, we’ll spend the early afternoon on a shady walk back at the Nature Center.

CARPOOL: Carpool will be available for anyone who might find it convenient, especially anyone using public transit. Arrive between 6:15 and 6:30 am 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 3:30 PM at the latest. 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.


Board Meeting

Wednesday, September 4, 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@cnpssd.org .

From the CNPS-SD Board - YOU can help!

Board positions and committee chairs are currently open, as are chances to co-chair activities with the team. The San Diego Chapter is one of the most robust and active in the whole State and there’s a lot of very hard-working people dedicating their time to see our goals fulfilled. Whether you enjoy working with an experienced team or are content with running a committee alone, we welcome any member who wants to take a leadership role. We already know your commitment to appreciating and preserving native flora is there as a member. We look forward to seeing your special skills at play as an: excellent Board Member, affable Education leader, Native Gardening aficionado, friendly Volunteer Director, organized Event Coordinator, Sales Manager & Sponsorship go-getter, Fiduciary Accountant, Publicity/Marketing guru, experienced Vegetation Botanist, or even well-traveled Field Trips Co-Chair. Whether you are still working or retired, these are the opportunities to engage with CNPS that make for excellent resume listings and make for a stronger environmental community as a whole. If you are interested, please contact me at president@cnpssd.org .
FALL WORKSHOP:
The Resilient California Native Garden
September 14, 2019
9:00 am – 3:15 pm

DESCRIPTION
Many gardeners planting California native plants for the first time are beset with challenges in getting the plants to establish themselves in the landscape. Native plants may not follow all of our standard horticultural guidelines, or, native gardens may become established but then suffer misfortunes of mortality that discourage us and leave us wondering what we did wrong.

In this workshop the presenters will offer ways to enhance the natural resilience of native landscapes, whether you are planting for the first time or are redesigning parts of your established landscape. Whether it is planting native trees or plants to attract birds as an important part of your ecosystem, or designing your area to make best use of water, this workshop will assist you in looking at the larger ecological picture and being creative in your decision making.

SCHEDULE
8:00-9:00 am Registration, Coffee and Muffins, Plant Sale
9:00 am GARDENING IS FOR THE BIRDS — BIRDSCAPING YOUR GARDEN USING NATIVE PLANTS
Teresa Everett (California Native Gardening Specialty Presenter and Featured Gardener on the CNPS-SD Garden Tour 2018). Learn how to create a garden that will encourage birds to use your garden year-round. Teresa will discuss the essential landscape requirements that will provide for the general bird population’s needs. She will also discuss the specific preferences of our favorite local birds and how to provide them in your garden.

10:15 am WATERING FOR HEALTH, FIRE RESISTANCE, AND CONSERVATION IN THE CALIFORNIA NATIVE LANDSCAPE
Greg Rubin (President and Founder of California’s Own Native Landscape Design, Inc., Author, Licensed Landscape Contractor, and SD Horticultural Society ‘2018 Horticulturist of the Year’). Discover time-tested successful methods for watering your native landscape, including new vs. established landscapes, promoting fire resistance, and ways to keep precious water on-site. Greg will touch on different approaches, including some newer methods that appear to work well with and take advantage of native ecology.

11:30 LANDSCAPING WITH NATIVE TREES
Rachele Melious (Certified Arborist and Tree San Diego Outreach & Volunteer Opportunity
The day after our Fall Workshop on Saturday, September 14, we’ll be putting some of those practices we learned back into the earth with a project that is possible due to a robust partnership between CNPS San Diego and The San Diego Audubon Society. We have teamed up to participate in a new public garden event, installing two small native plant demonstration gardens at San Diego Mesa College!

On Sunday, September 15, from 9:30 am - 12:30 pm, CNPS members, students, teachers, and other residents of San Diego will be able to help install gardens in a quiet corner of the
The generous donation of plants come from our own membership, along with a generous helping of native milkweed from Helix Environmental to contribute to the two areas we’ve selected for planting. Other excellent members such as Leon Scales (our very own Outreach Chairman) have also been fortuitous enough to wrangle plants up as well. The garden will be split between a perennial shrub garden using local species like Bladderpod (*Peritoma arboarea*), Sand aster (*Corethogyne filaginfolia*), Menzie’s goldenbush (*Isocoma menziesii*), California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), White sage (*Salvia apiana*), and Black sage (*Salvia mellifera*), along with *Dudleya* species and others. This garden will focus on year-round color and design composition, and it will provide a nectary for birds and bees. The other garden is an excellent location for a big patch of native milkweed (*Asclepias fascicularis*) and low annuals, native groundcovers, and bulbs like Blue-eyed grass (*Sisyrinchium bellum*). Bare areas will have a local annual wildflower seed mix known to the locality of Tecolote Canyon, with one or two patches left open for ground nesting native bees. This garden will focus on expanding insect diversity, especially for butterflies.

If you are new to the native plant world, come to learn how to landscape with natives and get the skinny on where to buy them (the CNPSSD Fall Plant Sale on October 12 is a good start!), how and what to plant, and what to expect for maintenance and having a seasonal garden.

Please arrive a little before 9:30 am at the San Diego Mesa College Nursery and Landscape Technology/Organic Garden at 3443 Marlesta Dr., San Diego CA 92111. If you bring tools or other supplies, please label them and keep track of them.
I urge you to put environmental issues on your list of factors you are going to vote on in the March 3 primary. Either way, close attention to the environmental actions of those who candidates, only on issues. You may personally choose to pay is a 501(c)(3). As such we cann

Then, there's a swarm of ugliness coming to your County Supervisors this fall. Said ugliness includes Lilac Hills Ranch and Otay Ranch Village 13.

You may remember voting down Lilac Hills Ranch two years ago? Well, your County Development Department allowed them to pursue two applications. One got rejected by the voters, but given the way the County is acting, it's entirely possible that the supervisors will not care about widespread disgust with this project and approve the second application anyway. After all, two of the supervisors are termed out, and two of the three remaining are massively pro-development.

Otay Ranch Village 13 is just down the road from Otay Ranch Village 14. It has most of the same problems, and probably will meet most of the same fate: being voted in 4-1 or 3-2, then being litigated against. One of the major drivers for most environmental groups (other than CNPS) is that Village 13 and 14, should they be developed, would wipe out the biggest population of Quino checkerspot butterfly, probably dooming the species. There are plant issues too, which is why we will stay involved.

Both of these projects require General Plan Amendments to go through, and both rely on language aligned with the County’s Climate Action Plan (CAP). That document got thrown out by a judge last year, and the County is appealing. If I haven't lost count, that makes the sixth legal action they've taken, trying to get their problematic CAPs through, and so far they've lost every single one. If the appeals judge finds in favor of the plaintiffs in the environmental community, that will cause huge problems for all the GPA developments that depended on balancing their carbon budgets on carbon offsets (e.g. planting trees somewhere else in the world), since that's what's been causing all the trouble.

Then, there are elections, March 3, 2020. As a reminder, CNPS is a 501(c)(3). As such we cannot lobby for or against specific candidates, only on issues. You may personally choose to pay close attention to the environmental actions of those who you are going to vote on in the March 3 primary. Either way, I urge you to put environmental issues on your list of factors

datioh which directly affect CNPS.

The first is a referendum on the certification of the Newland Sierra EIR. Should this pass, the supervisors’ decision to certify this GPA development is thrown out, and with it the project. This may end our litigation to do the same thing, which would be good.

The second is an initiative, Save Our San Diego Countryside (https://saveoursdcountryside.org/) that would change the rules. If this initiative passes, all development in the unincorporated county still has to go through a normal CEQA review, including a vote by the Board of Supervisors. The change is when the Supervisors pass a General Plan Amendment project, the initiative would then “require voter approval of amendments to the General Plan that increase residential density in semirural or rural areas, with certain exceptions. The voter approval requirement does not apply to minor increases in density, properties within existing village or rural village boundaries, or changes required to implement state or federal housing law, including laws related to the provision of affordable housing” (from the SOS website above).

In practical terms, the SOS initiative means that Newland Sierra, Otay Ranch Village 14, Otay Ranch Village 13, Lilac Hills Ranch, Valiano, and Harmony Grove Village South would all have to go to the voters after the Supervisors approved them, if they were coming up this went into law. And if they all lose in court, they’re probably all going to get their EIRs redone and come back again. Similar measures have passed elsewhere in California and withstood legal scrutiny.

What does this mean for you? More influence, bluntly, and I strongly urge everyone who can to vote for both measures next March. The reason is simple: we live in a County where (as in most of the U.S.) special interests have a disproportionate amount of pull. The initiatives, especially SOS, take some of that away, by giving you a chance to look at the project yourself and express your opinion directly, since your representatives may be doing a very bad job of working in your interests.

I urge you to contribute to the SOS initiative now, because they’re ramping up to deal with the political, um, sandstorm that’s going to be headed their way in coming months.

In the longer run, the goal for the County is simply to get them to write a Climate Action Plan that actually, seriously works to reduce greenhouse gas emissions, to change development culture to follow the General Plan (which favors more affordable housing in villages near transit hubs, rather than million dollar homes in high fire areas in the back country), and to see if a viable North County MSCP is possible.

For the City of San Diego, the goal is to get them to actually implement that Climate Action Plan they’re so proud of. Reportedly, there’s only one full-time staffer assigned to the Program, which may be why it’s not meeting its goals.
GARDENING WITH NATIVES

Native Gardening Committee Meeting

September 11, 6:30 - 8:30 pm. The Native Gardening Committee meets the 2nd Wednesday of each month at various locations. Contact gardening@cnpssd.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

Saturday, September 14, 9 am – 1 pm. Help remove pesky plants from the Old Town Native Landscape. Please come help us grub out unwanted weeds remaining in the Native Landscape. We may be pruning a few low-hanging branches too.

Come by train, trolley or bus to the Old Town Transit Station and cross at Taylor Street. Or if you drive, park in the “F” lot in Old Town, off Taylor and Calhoun – usually easy at that time of day. Look for us near the McCoy House Museum.

Bring water, sun protection, and a favorite hand tool if you have one, or use ours - lots to choose from.

Kay and Peter were helped by 8 volunteers in August and got a ton of work done!

Questions? Contact Kay at OldTownLandscape@cnpssd.org

BOTANY

Why Plant Only Native Milkweeds

For years I have heard that the perennial Mexican milkweed (Asclepias curassavica) is bad for monarch butterflies, but that seemed to be like an old wives’ tale since no one could explain why. Recently I found out from a friend that a protozoan parasite (Ophryocystis electroscirrha) hangs out in milkweeds (perhaps in the sap) and at high concentrations the protozoan kills monarch caterpillars. This interaction is natural and has probably been going on for some time. It seems that the caterpillars pick up the parasite from eating the infected milkweed leaves.

Those plants with high concentrations of the protozoan are more likely to kill monarch caterpillars or chrysalises. Since the non-native Mexican milkweed is perennial and does not die back like most of our native milkweeds, it builds up high concentrations of the protozoan. So, for this reason native milkweeds have lower concentrations of the deadly protozoan and are less likely to kill monarch caterpillars. It seems that you can reduce the protozoan population in the Mexican milkweed by cutting them back in the fall and not allowing them to store high concentrations of the protozoans over the winter. It is best to plant milkweeds that are
Fun with Munz’s Mariposa Lily
(Calochortus palmeri var. munzii),
A Rare Plant

Following up on a piece I wrote last summer (Rare Plant Hunting in a Dry Year, CNPS San Diego Chapter Newsletter, August 2018), I wanted to report on one of the species mentioned, Munz’s mariposa lily (Calochortus palmeri var. munzii, right), a California Rare Plant Rank 1B.2 plant. As I related last summer, in early June 2018, Jenny Moore, at the time the staff botanist for the Cleveland National Forest, had found an interesting mariposa lily near Buckman Springs south of I-8. It certainly looked a good deal like splendid mariposa lily (Calochortus splendens) but something was off and she wondered if it represented a hybrid 8 (you can see Jenny’s original plant on iNaturalist, it is the only record on iNaturalist south of I-8).

I’ve been looking for this species in San Diego County for about seven years so when she sent me her image that clearly showed yellow hairs at the base of the petal, not white, I knew exactly what it was (interestingly, there was a parallel conversation in the comments under her iNaturalist post where the commenters had come to the same conclusion). Jenny took me to the site in the first week of July 2018. Unfortunately, the plants were not in the best condition and there were too few plants present to collect a voucher specimen. We vowed to follow-up on this rare plant in 2019.

I’ve been quite interested in this plant as it occurs in San Diego County. When it first was added to the San Diego plant lists, it was known from about a half dozen sites, and with the exception of two collections from the Chihuahua Valley and collections were old. It was almost absent from the San Diego Plant Atlas. Clearly it was not an abundant plant.

Sadly, from our perspective (but not necessarily from Jenny’s perspective), Jenny left the Cleveland National Forest office and moved to the northwest where the Forest Service actually manages forests. Despite a busy spring, I managed not to forget that I still intended to get a collection of Munz’s mariposa lily at this site.

On a hot day at the end of June, I drove out to the site, using a key acquired from the Forest Service (largely for my research on the 22,000-acre Holy Fire in the Santa Ana Mtns) to get through the locked gate.

Already, it was pretty warm by the time I had reached the gate at 10:00. Pippin, our Corgi, thought that the only place that needed to be examined was the cool underside of the 4Runner (he is such a city boy). I slowly drove the roads, looking for openings in the redshank (Adenostoma sparsifolium), especially those dominated by Great Basin sagebrush (Artemisia tridentata). To my delight, I found the mariposa lily, not just at the site where Jenny had taken me to last year, but another site as well. There were about 75 plants a the first site and over 200 at the destination site. In addition to recording numbers and mapping the two sites, I was able to get a proper voucher for both sites.

As it turns out, you can find one other 2019 observation for this plant in San Diego County on Calflora, where it is reported from the Pacific Crest Trail near Warner Springs. Ironically, I have looked for it in that general area for the most of the last decade without luck. Except this year. It looks like 2019 would have been a good year to canvas the back country for this plant. Ironically, I had been

At a glance, Munz’s mariposa lily (left) really does look a lot like splendid mariposa lily. For decades, San Diego County plants masqueraded under this name. Munz’s mariposa lily is separated from splendid mariposa lily by the presence of yellow clavate (club-shaped) and white, or very pale lavender anthers vs. dark, often blue or purple anthers. The yellow hair character is shared with or shy mariposa lily (Calochortus invenustus), for which it could also be mistaken. However, shy mariposa lily will have a green stripe on the back of the petal and is often white or purple but seldom shares the pinkish-lavender color of Munz’s or splendid mariposa lily. In San Diego County, shy mariposa lily is often seen in somewhat more mesic habitats.
Palmer’s mariposa lily (C. p. var. palmeri) shares most characteristics, except that the inflorescence is often with 1-6 stems and alternate bracts while Munz’s mariposa typically has paired inflorescence branches, has opposite bracts, and does not form bulblets. The flowers are more typically white (rarely pink lavender), often smaller, and more open, sometimes almost laid out flat, the bracts are alternate in arrangement, and forms bulblets at the base of the stems.

Most significantly, Palmer’s mariposa lily is found along streams and in wet meadows in the higher mountains from San Luis Obispo Co. to the San Bernardino Mtns. Munz’s mariposa lily is found in dry habitats of the Peninsular Ranges (left).

I’ve told this story often but think it worth telling again. Until recently, Munz’s mariposa lily, was thought to be endemic to the San Jacinto Mountains of Riverside County.

Jon Rebman found a mariposa lily at the top of the Sierra la Libertad in 2009. The nearest mariposa lily records were about 200 km to the north in the Sierra San Pedro Mártir Mountains. After some investigation, it appeared that the closest fit to this lily was Palmer’s mariposa lily, or more specifically, the variety named after Phillip Munz. An examination of herbarium specimens showed that the taxon was more widespread in northwestern Baja California where specimens had been masquerading as splendid mariposa lily. Could this be true for San Diego County as well? This was much closer to the traditional range in Riverside County. In 2011, Jon reviewed the San Diego County collections of splendid mariposa lily and shy mariposa lily and found that some of these plants, mostly from east county, sometimes on the desert fringes, where indeed Munz’s mariposa lily. Thus, the range of this rare plant actually extends from the San Jacinto Mountains at the north end of the Peninsular Ranges south to the southern Sierra San Pedro Mártir of Baja California, with an isolated site in the Sierra la Libertad, quite an upgrade from San Jacinto Mountain endemic.

~ Fred Roberts, Rare Plant Chairperson

When the temperatures in the inland valleys and our local mountains soared into the 90ies, we, like many San Diegans, fled to the coast. We began with a walk into the Tijuana Estuary from the Visitor Center on Caspian Way, just south of Imperial Beach Blvd. The trail first led through planted Baja Bush Snapdragon (Galvezia juncea, left) in full bloom, not a local plant but a native from adjacent Baja California, and then headed into the preserve with its original vegetation. The most conspicuous flower there was San Diego Goldenbush (Isocoma menziesii var. menziesii: right), but the humble Salt Heliotrope (Heliotropium curassavicum var. oculatum) was also blooming, as usual ignoring its CalFlora-assigned flowering period of May and June. A surprise, however, was that Coast Cholla (Cylindropuntia prolifer: right) still sported a few flowers, which we are accustomed to seeing in June or earlier.

We continued to Imperial Beach and walked from the southern end of Seacoast Dr, along the shore towards the mouth of the Tijuana River. The high trail on the dam had the last Beach Evening Primroses (Camissonopsis cheiranthifolia), and upon a closer look the mats of Beach-bur (Ambrosia chamissonis) still revealed a few fresh inflorescences. On the beach, bees were busy visiting Sea Rockets (Cakile maritima, left)
and keo sana verdea (Abronia maritima, left), both of which bloom virtually year-round along the foot of the dunes. Back at the car we finally discovered the botanical highlight of the day, the uncommon Salt-marsh Bird’s Beak (Chloropyron maritimum, right), fairly close to the sidewalk but out of reach. All of which confirms one more time that in our area with its range of options from seashore to mountains to desert you never have to go without wildflowers, whatever the season and the temperature might be.

~ Juergen Schrenk, Member

**RELATeD ACTIVITIES**

### 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 Clairmont, CA. Click here for directions: Seaver Auditorium, Claremont, CA.

**Cal-IPC Symposium**

October 15-18, Riverside

The historic Mission Inn was built in 1876 and upgraded to a luxurious AAA Four Diamond award-winning hotel, featuring Spanish-Mission style architecture with modern luxury, from flying buttresses and garden oases to a modern fitness center, spa, and upscale dining. **Reserve by Sept. 14 to get a room rate with code CALIPC 2019.** Check the website for details, including area maps and more. [https://www.cal-ipc.org/resources/symposium/](https://www.cal-ipc.org/resources/symposium/)

**Bryophyte Chapter**

Registration is now open for the **SO BE FREE Bryophyte Foray**

March 20 – 23, 2020, in Lake County, CA.


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@cnpssd.org

### CNPS-SD Activities Calendar

<table>
<thead>
<tr>
<th>September 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/1: Field Trip to Volcan Mtn, p.2</td>
</tr>
<tr>
<td>9/3: Conservation Committee Mtg, p.4</td>
</tr>
<tr>
<td>9/4: Board Meeting, p.2</td>
</tr>
<tr>
<td>9/11: Garden Committee Mtg, p.4</td>
</tr>
<tr>
<td>9/14: Old Town Native Plant Landscape, p.4</td>
</tr>
<tr>
<td>9/14: Fall Workshop, p.3</td>
</tr>
<tr>
<td>9/15: Garden installation, Mesa College, p.3</td>
</tr>
<tr>
<td>9/17: Chapter Meeting, p.1</td>
</tr>
</tbody>
</table>
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

September 2019 Newsletter

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

www.cnpssd.org  info@cnpssd.org  facebook.com/cnpssd  instagram.com/cnpssd  twitter/cnpssd

BOARD MEMBERS
PRESIDENT: Justin Daniel ..................................president@cnpssd.org
VICE PRES: Bobbie Stephenson...........vicepresident@cnpssd.org
619-269-0055
SECRETARY: Maggie Loy....................secretary@cnpssd.org
TREASURER: Connie di Girolamo........treasurer@cnpssd.org
Cindy Burrascano..............(858) 342-5246; booksales@cnpssd.org
Bob Byrnes..................................bob.byrnes@cnpssd.org
Josué Campos..........................josue.campos@cnpssd.org
Frank Landis...............................conservation@cnpssd.org
Torrey Neel..................................plantsale@cnpssd.org
Leon Scales...............................leon.scales@cnpssd.org
OPEN POSITION

CHAPTER COUNCIL DELEGATE
Frank Landis................................chaptercouncil@cnpssd.org

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

APPOINTED COMMITTEE CHAIRPERSONS
BOOK SALES: Cindy Burrascano............booksales@cnpssd.org
(858) 342-5246
CONSERVATION: Frank Landis............conservation@cnpssd.org
(310) 883-8569
EDUCATION: OPEN
FIELD TRIPS: Justin Daniel...............fieldtrips@cnpssd.org
HOSPITALITY: Kye Ok Kim...............hospitality@cnpssd.org

INVASIVE PLANTS: Arne Johanson (858) 759-4769 & Bob Byrnes..............................invasiveplants@cnpssd.org
LEGISLATION: Peter St. Clair...............legislation@cnpssd.org
LIBRARIAN: Maggie Loy..........................librarian@cnpssd.org
MEMBERSHIP: Connie di Girolamo.....membership@cnpssd.org
NATIVES FOR NOVICES: Torrey Neel
NATIVE GARDENING: OPEN................gardenng@cnpssd.org
GARDEN TOUR: Judie Lincer..................tour@cnpssd.org
GARDEN WORKSHOPS......................workshop@cnpssd.org
HABITAT RESTORATION: Arne Johanson........habitatrestoration@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
........................................propagation@cnpssd.org
PUBLICITY: OPEN...............................publicity@cnpssd.org
PUBLIC OUTREACH: Leon Scales & Justin Daniel....................publicoutreach@cnpssd.org

RARE PLANT SURVEYS: Josué Campo..rareSurvey@cnpssd.org
SEEDS & BULBS: Cindy Hazuka..........seedsandbulbs@cnpssd.org
SPONSORSHIPS: ..................................sponsors@cnpssd.org
VEGETATION: OPEN..........................vegetation@cnpssd.org
WEBSITE: Joseph Sochor.....................webmaster@cnpssd.org

WASHINGTON, DC OFFICE
1625 K Street, Ste 200
Washington, DC 20006
(202) 638-0852

CALIFORNIA NATIVE PLANT SOCIETY
2707 K Street, Ste 1
Sacramento, CA 95816
(916) 449-5246; cnps@sacregion.org