



California Native Plant Society

MARIN CHAPTER NEWSLETTER

Tiburon Mariposa Lily (Calochortus tiburonensis)

Marin chapter established 1973

Monday, January 9 Marin Chapter Meeting **“2016 Botanical Highlights” of Chapter Members**



Wildflower collage—Vernon Smith

January’s potluck slides program will feature the botanical trips and activities of several of our chapter members. Terry Gosliner will show pictures from Santa Clara County, Malaysia, and the White Mountains of New Hampshire; Marabeth Grahame will discuss “Wildland Gardening: Habitat Restoration in the Homestead Valley Land Trust”; Sterling Smith will show us plants from the SF Bay Area, Yosemite NP, Joshua Tree NP, Montana, Wyoming, and Oahu; and Doreen and Vernon Smith will talk about chapter field trips to Modini-Mayacamas Preserve and to Missimer Preserve, Snell Valley, and Butts Canyon Rd. Please join us!

Monday, February 13 Marin Chapter Meeting **Dick O’Donnell on “Regrowth and Recovery from the North Bay Fires of 2014–2015”**

Wildfires in Napa and Lake Counties in 2014–2015 destroyed over 150,000 acres of chaparral and woodland. The most destructive fire by far was the Valley Fire, which took four lives and over a thousand homes.

As the people of Lake County rebuild, so does the barren landscape show clear signs of recovery. Chaparral shrubs display their adaptation to fire by sprouting new leaves from stumps and roots; after the winter rains, the bright colors of annual plant species spread across the nutrient-charged burn area. Regrowth and recovery is well underway.

Dick travels throughout northern California, Oregon, and Arizona every year to learn about their distinctive floras. A retired economist, he has no economic reason to do otherwise, he says. The best course of action, he adds, is to apply himself to the most rewarding undertakings and to share the findings with the botanical world.



Robust flowers sprang up in 2015 after the fire at the south end of Butts Canyon in 2014—Dick O’Donnell

January and February meetings:

5:30 p.m. Join friends and meet our speaker for a no-host dinner at Gira Polli of Mill Valley, 590 East Blithedale Ave. at Camino Alto. Please call Gerd or Kristin Jakob at 415.388.1844 at least one day ahead to be assured of a seat with our group.

7:30 p.m. Meet at the Redwoods retirement home, 40 Camino Alto, Mill Valley. Books, posters, and cards will be for sale before and after the meeting.

BOARD NEWS

Congratulations to chapter board members elected at the November membership meeting! Thanks to Charlotte Torgovitsky, Paul da Silva, Phyllis Faber, Kristin Jakob, David Long, Carolyn Longstreth, Laura Lovett, April Post, Amelia Ryan, and Jacoba Charles for continuing to serve in 2017; welcome back to Eva Buxton; and welcome to new board member Rob Katz!

Even before joining the board, Rob Katz has been busy on behalf of CNPS Marin, tabling for us at many public events, fairs, and farmers markets, especially in West Marin, where he resides. He also is an active volunteer for SPAWN and the PRNSA, leading volunteers in nursery propagation for restoration projects. Rob graduated from CSU Chico with a BA in geography and planning, and has gone on to pursue both professional and volunteer work in environmental arenas with emphasis on educating and advocating for sustainable methods of human activities that focus on local ecosystem health. He has worked with biodiesel fuel, permaculture designs, rainwater harvesting, and graywater systems, and has worked for the USFS.

From his environmental planning work, Rob brings experience with management plans, wetland delineations, and environmental impact reports, as well as NEPA and CEQA documents. He can communicate with State environmental agencies and local municipalities regarding regulated land use activities and permits. Rob is adept at researching threatened endangered sensitive plant species and invasive species occurrences. He has been an active member of the CNPS Mt. Lassen, Mendocino Sanhedrin, and Humboldt chapters.

The board also welcomes, at the Committee level, Edgar Robertson, who has graciously offered to be our Membership Chair—thank you, Edgar, for filling this important role!

Edgar (Eddie) Robertson is a carpenter by trade with a lifelong passion for natural history. He grew up in Larkspur, roaming around Baltimore Canyon and King Mountain. A sentimental attachment to these environs led to a distinct bias for Marin flora, but 15 years of living in Reno, Nevada forced him to develop a real love and appreciation for all types of habitat. He acts on his belief in restoring native plants to our suburban landscapes through his own bit of native gardening. For a while Edgar has wanted to participate more actively in CNPS as a way of further contributing to the preservation and restoration of Nature's ingenious designs, and serving as Membership Chair seemed a fitting way to do so. He hopes to find ways to assist new and old members of this community to connect with others who share their love for our native plants.

—Kristin Jakob

Save native plant habitat at Point Reyes with the...

THIRD THURSDAY WEEDERS

Thursday, January 19, 9:30 a.m. (also 2/16)

Don't you hate to see beautiful native vegetation being displaced by invasive exotic species? If so, the "Third Thursday Weeders" is the group for you! Spend a companionable day at beautiful Point Reyes and help us protect important plant habitat in the Point Reyes National Seashore.



Pepperweed tarping—Bear McGuiness

The Weeders meet regularly on the third Thursday of every month. Over the past four years, we have removed infestations of iceplant, veldt grass, European beachgrass, perennial pepperweed, cape ivy, and Napa star-thistle. Lately we've concentrated our efforts on the Lighthouse area and dune restoration project near Abbotts Lagoon. We have a good time and it's highly rewarding to see the native plants making a comeback in these areas!

To sign up and receive notification of the meeting places, please contact Carolyn Longstreth at cclongstreth@gmail.com or 415.669.7514.

Bring plenty of water, lunch and snacks, warm and wind-stopping layers, sturdy shoes, and work clothes. No shorts or open-toed shoes. The Park provides tools and gloves.

Hope to see you there!

—Carolyn Longstreth

PLANT OF THE MONTH: MARIN MANZANITAS

Text and photos by Doreen Smith



Common manzanita (*Arctostaphylos manzanita* ssp. *manzanita*)

At long last, we had significant autumn rainfall in late 2016. This often leads to extra-early flowering of some native shrubs like the manzanitas (*Arctostaphylos* spp.) and later great annual wildflowers in abundance in spring. In early December, Vernon and I visited the Bahia area of east Novato, which is a particularly good site for finding *Arctostaphylos manzanita* ssp. *manzanita*. The shrubs were already in bloom; with last year's much drier fall, they bloomed much later or not at all. This common species is usually the earliest to flower if there is adequate rainfall, except perhaps for *Arctostaphylos sensitiva* of the Mt. Tamalpais area, which may be found with some flowers all year.

The other Marin manzanitas bloom later, during March and April. This year, however, someone reported already seeing some flowering *Arctostaphylos virgata* on



Glossyleaf manzanita (*Arctostaphylos sensitiva*)



Marin manzanita (*Arctostaphylos virgata*)

Bolinas Ridge. To me, the most beautiful local species of all is *Arctostaphylos canescens* ssp. *canescens*, which has rosy pink flower set off by silvery leaves in Marin and Santa Cruz counties. More northerly populations usually have white flowers.



Hoary manzanita (*Arctostaphylos canescens* ssp. *canescens*)



FIELD BOTANY OF MARIN

Have field trips, articles, and programs piqued your interest in Marin's native plants? Would you like to learn more—how to identify them, where they live, and why they are there? Then you're in luck! The popular course Field Botany of Marin is returning to the College of Marin for Spring Semester, 2017. Also known as Biology 161, it features weekly evening classes and biweekly field trips. Special benefits include seeing our beautiful local plants up close and from afar and learning how to use the *Marin Flora*. Classes start Tuesday, January 24 on the Kentfield campus. Registration is now open at www.marin.edu. For more information, please contact Dr. Paul da Silva at pdasilva@marin.edu.

THANK YOU! MARIN CHAPTER FALL NATIVE PLANT SALE RECAP

Saturday, October 15th proved to be a good day for a plant sale, in spite of the overcast weather. Many gardeners were inspired by the early start to the rainy season, knowing their new purchases would flourish once planted. Setup on Friday was made more difficult by major traffic problems on Highway 101, but all the planning done months in advance was very worthwhile. We owe a great debt to the Marin Master Gardeners who co-sponsor the sale and provide such helpful, friendly volunteers.

It takes lots of people working together to organize a sale like this. Our plant sale flier, along with all the beautiful posters and educational signage, was expertly designed by Laura Lovett. Alison Blume used her talents and connections very effectively for advance media publicity and outreach. Jean Ballestero did a great job as our Volunteer Coordinator, getting help from Linda Oqvist, Sara O'Keefe, Peter Norton, Rob Badger, Nita Winters, and Paul and Maria da Silva for the setup and pricing on Friday.

Many of the same people returned on Saturday, ready to help customers with advice on plant selections. Jane Medley and Janet Bodle set up and staffed the book table; Katie Martin, Sam Gilbert, and Daniel Kushner did a fine job of cashiering; and Carolyn Longstreth talked to customers about the benefits of membership in the California Native Plant Society. Thanks also to Lynn Lozier, Kathy Tarabon, Linda Prichart, Stacey Pogorzelski, Jessica Wasserman, Georgia Fie, and Cheryl Beauvias, who helped with customers and with breakdown at the end of our event.

This fall, the focus was on shrubs, in particular, species that are deer-resistant. Many of the native shrubs on sale were two years old, propagated



A shopper perusing deer-hardy plants—Laura Lovett

from seed collected locally. Many of the plants had been expertly grown by volunteers working under Charlotte's direction all year. April Post nurtured plants left over from the spring sale, growing them on to really nice specimens, and helped with setup and sales on Saturday. We were lucky to have plants donated this time around by both Buckeye Nursery in Petaluma, which closed its retail operation, and from Carissa Brand and the staff at the Meadow Club. Kristin organized plant purchases with help from Daniel Kushner, and Treva McCarty transported still more purchased plants to the venue on Friday. Special thanks is owed to Gail Mason, our main liaison with the Master Gardeners, who was ever-present and made sure that it all ran smoothly.

A sale like this is much more than just a plant sale; it is an opportunity for our chapter to reach the general community with our message. We help raise awareness about a different kind of garden and offer alternatives to standard plant choices. All the enthusiastic native plant gardeners who attend our sale not only support our work but reinforce our belief that people are eager to learn how to create native gardens rich with life.

Thank you all—we couldn't have done it without you!

—Kristin Jakob and Charlotte Torgovitsky,
CNPS Marin Plant Sale Co-Chairs

GARDENING IN HARMONY WITH NATURE

by Charlotte Torgovitsky

I'm so happy with this rainfall I want to stay outside and get totally wet! I measured a good seven inches plus for October, and another four inches in November here on my Novato hillside. The plants haven't wasted any time in responding to the rainfall; there are literally thousands of wildflower and grass seedlings coming up all over my garden.

Perennial plants that were dry and shriveled all summer started looking alive again within a week of the first rains. It's a wonderful thing to observe: salvias, *Artemisia*, and sticky monkeyflower all start to replace the small, dry, and resinous leaves of hot summer with lush new green leaves. This would be a great time to hold a native garden tour—many gardeners, transplanted from the east coast, really need to see for themselves to really understand that our summer months are the dormant season for many natives. These plants may look all brown and seem dead in summer, but are far from it!

Gardening in Harmony with Nature continued on page 5

Gardening in Harmony with Nature continued from page 4

Under the canopy of a coast live oak I planted a drift of hummingbird sage (*Salvia spathacea*), a cultivar named 'Avis Keedy', which sports lovely pale yellow flowers. It has already set flowering stems! I've used this plant to "protect" a patch of golden currant (*Ribes aureum*), which has smooth, soft leaves that the deer like to nibble on. The deer are hindered because they hate to step through the really sticky, aromatic leaves of the salvia. To complete the picture, I also planted a drift of a very vigorous Pacific coast iris hybrid that has gorgeous golden flowers with a maroon throat.



Hummingbird sage (*Salvia spathacea*) under a coast live oak—Bob and Mieko Watkins

Douglas iris are starting to put on new growth, and this is a great time to clean them up a bit, dividing the rhizomes of established plantings of both the species and the hybrids. It's also a good time to take up some of the suckers of *Salvia spathacea* and either replant them to increase drifts, or to pot them up. I also have reasonable success rooting stem cuttings of this salvia, and I can do the same with the alum roots (*Heuchera* spp.)

Wildflower seedlings—Clarkias, gillias, tarweeds, and more—that simply can't grow where they have seeded themselves in are carefully dug up, and either moved or potted up. A hori-hori knife is the perfect tool for this! A close look around my gardens reveals lots of other seedlings that I can dig up and grow on in containers: toyons, buckwheats, pentstemons, soap lilies, and buttercups!

I collected seed of fiddleneck (*Amsinckia* spp.) growing along a roadside ditch last summer. I've germinated the seed, and have potted up seedlings, which I'll share with gardening friends to trial as a garden plant for the first year. When I can observe its growth patterns and flowers carefully, I will be able to ID the species. If we all decide we like it in our gardens, we'll have a source of seeds, and can grow these for CNPS plant sales.

CALIFORNIA NATIVE GARDENS AT TERRA LINDA HIGH SCHOOL

By Charlotte Torgovitsky

Keeping our environment healthy is important to all of us—and perhaps even more so for the younger generations. With that in mind, a local, far-sighted company, Strategic Energy Innovations, created the Marin School of Environmental Leadership (MarinSEL) and works as a facilitator between teachers, community partners, and parent volunteers to create semester-long projects for freshmen and sophomores in various focus areas. LEAD Projects (Leadership and Environmental Action Development) address concerns regarding environmental issues such as water, waste, energy, natural resources, transportation, and food.



MarinSEL group getting a quick demo on good planting techniques—Ron Martinez

I've always loved working on hands-on projects with young people, and so agreed to represent Marin CNPS as a mentor for the students learning about native plants and how to create sustainable native gardens. Terra Linda High School has various locations around the campus in need of landscaping, especially with drought-tolerant, really tough plants.

The students get a lot of useful information on native plants and plant communities from the state CNPS website and the CalScape program. I try to inspire the students to think more broadly, and understand that native plants are so much more than just another plant choice for a garden.

Native plants are really all about the associations with, and the resources they offer all the natives creatures; many were also essential to the native peoples. I like to share some of my native food preparations with the students; they've tasted manzanita cider, elderberry tonic, and bay nut truffles. I'm hoping to broaden their minds and their tastes!

INVASIVE SPECIES SYMPOSIUM

From November 2–5, 2016, the California Invasive Plant Council (Cal-IPC) held its 25th annual symposium at Tenaya Lodge in Yosemite. About 350 people attended this 3-day event; I was fortunate to be one of them. The Marin chapter of CNPS contributed \$500 to the symposium. The 15-minute talks by presenters of wide-ranging backgrounds and employment were varied and interesting. At the end of the third day we had a social hour and a delicious (really!) banquet dinner was served, while information and ideas were exchanged and networking connections were made in a fun, relaxed setting. Among the many talks I attended, these three stand out:

- Yosemite National Park presented an invasive plant management program consisting of six goals:
 1. Inventory: Compile a comprehensive invasive plant list to establish a baseline to measure progress and change.
 2. Prioritization: Assess how invasive species affect natural systems and focus on those that pose the greatest threat.
 3. Prevention & Early Detection: Prevent and monitor conditions that can bring in new seed and reproductive material and follow best management practices.
 4. Treatment: Treat the plant populations that pose the greatest threat.
 5. Monitoring: Make sure that the invasive plant program is monitored regularly, improved, and supported by science and research.
 6. Education & Outreach: Educate, inform, consult, and collaborate with other interested parties. (A similar decision-making process could be used by the MCOSD when implementing the Road & Trail and the Vegetation & Biodiversity Management Plans.)
- WRA, Inc. (Wetlands Research Associates, San Rafael, CA) showed how UAVs (unmanned aerial vehicles, or “drones”) provide a novel tool to ecologists with respect to mapping weeds. The drone has to be large enough to carry high resolution cameras that can produce georeferenced, orthorectified mosaic imagery. Traditionally, conducting field surveys for invasive plant mapping over large areas required substantial person-hours. Before the advent of UAV photography, high resolution aerial photographs were only available from manned aircraft at extremely high costs. WRA presented results on three test species—artichoke thistle, arundo, and pepperweed—utilizing a combination of inexpensive, high-resolution imagery from drones in conjunction with limited field ground-truthing to create accurate

maps of weed infestations in endangered species habitat.

This talk was especially amazing to me, because during my years as a botanist for an environmental consulting firm, and before even GPS, vegetation was mapped while walking many miles on a site using big, cumbersome sheets of paper with contour lines. (But at least I would have been protected from mountain lion attacks by waving the big maps!)

- Saguaro National Park showed how aerial treatment of buffelgrass (*Pennisetum ciliare*) has been used to build fire-resilient landscapes and restore public lands in southern Arizona. Aerial surveys and herbicide applications have been used to complement ground-based mapping and treatment. The methods have proven successful in reducing the buffelgrass. A monitoring protocol has been established to, among other things, evaluate the impacts on native vegetation such as the saguaro cactus (*Carnegiea gigantea*) and palo verde (*Parkinsonia microphylla*). Current partners of the Park include NPS, USFS, USFWS, BLM, and USGS.

It was disconcerting to me to see a low-flying helicopter with long “bars” extending from the body with apertures through which a blue spray was released over an entire area and all its vegetation! It is easy to conclude that everything in its path was killed, not just the buffelgrass. There was no discussion about how annual or herbaceous perennial species were affected, or whether any type of restoration was taking place after killing all vegetation.

—Eva Buxton, Conservation chair



UPCOMING PLANT ID WORKSHOPS

Thursday, February 9, 6–7:30 p.m. (also 3/9, 4/13, and 5/11)

Workshops will happen on the second Thursday of each month, skipping January and resuming on February 9. Each session will start with a short PowerPoint presentation pointing out characteristics of a plant family. We’ll then key out plants with the help of dedicated graduate students. Let’s take a close-up look at some plants and learn the meaning of interesting botany terms. Bring your *Jepson Manual* 2nd edition if you have it and a loupe. I hope to see many of you there.

Location: San Francisco State University Botany Lab (Room 440) in Hensill Hall, 1600 Holloway Ave. at 19th, San Francisco. Campus map: sfsu.edu/~sfsuemap/. If you drive, there is street parking on 19th Ave. as well as paid campus parking.

Questions: Email Mila Stroganoff at milastroganoff@sbcglobal.net.

MARIN CNPS FIELD TRIPS, JANUARY–FEBRUARY, 2017

There is no better way to learn your wildflowers and other native plants than to join chapter members and others in the field! All hikes are free and open to the public, so please invite your friends. Beginning plant enthusiasts are particularly welcome on all hikes.

Dress in layers, wear non-slip footwear and come prepared for cold, fog, rain and wind, just in case. Bring lunch and plenty of water, binoculars and/or hand lenses, and your favorite field guides. Contact hike leaders with any questions about individual hikes.

Mosses and Other Bryophytes at Alpine and Bon Tempe Lakes

Saturday, January 21, 9 a.m.–12 noon

Did you know that CNPS has a new statewide Bryophyte Chapter? Bryophiles are lovers of mosses, liverworts, and hornworts, and the chapter's members are eager to share what they know! Join Jim Shevock for a leisurely stroll along the trail at Alpine Lake via Bon Tempe, a good site for bryophytes and, of course, other native plants. Jim will impart his in-depth knowledge about these winter beauties and will also be on the lookout for *Pseudoleskella serpentiniensis*, which reaches its southern limit there.

Jim has worked as a botanist for the U.S. Forest Service and the National Park Service. He has long been active in both CNPS and the California Botanical Society. Two decades ago, Jim started working on bryophytes and coauthored *California Mosses*, published in 2009. He is currently affiliated with the California Academy of Sciences and serves as the Bryophyte Chapter's delegate to Chapter Council.

To meet the group at the Lake Lagunitas parking/picnic area, head west on Sir Francis Drake Blvd. until you reach the Fairfax city limits, turn onto left onto Broadway Blvd. (at the Valero Gas Station), then immediately right to stay on Broadway. In approximately 500 ft, turn left onto Bolinas Rd. Stay on Bolinas Rd. for approximately 1.5 miles, then turn left onto Sky Oaks Rd. (There is a wooden sign at 700 Bolinas Road on the left saying "Lake Lagunitas.") Stop at the MMWD Kiosk to purchase a parking permit; if the kiosk is closed, continue along the paved road about 1.25 miles until it ends at the Lake Lagunitas parking/picnic area. There is an \$8 parking fee. A bathroom and water are available at the parking lot.

Rain cancels.

Leader: Jim Shevock. For questions, contact Carolyn Longstreth, cklongstreth@gmail.com.

Rock Spring Meander

Sunday, February 5, 10 a.m.–2 p.m.

This field trip will follow a moderate 4-mile route from the Rock Spring parking lot to Barth's Retreat (via the Mickey O'Brien Trail) and Potrero Meadows. We'll observe the diverse ecology of Mt. Tamalpais, including meadows, mixed evergreen forest, serpentine outcrops, and chaparral. We'll look at the big picture of ecologically diverse plant communities and changes observed over the past decades. Plants we expect to see on the narrow foot trail include huckleberry, California bay, Douglas fir, madrone, live oaks, sword and giant chain ferns, moss-covered rocks, buckthorn, manzanita, and Sargent cypress. There may be early blooming wild flowers such as milk maids and fetid adders tongue. We plan to repeat this hike each season in 2017.

Meet at the Rock Spring parking lot. **Rain Cancels.**

Leader: Dabney Smith, djs1947@hotmail.com.



Fetid adder's tongue (*Scolioopus bigelovii*)—Krista Fechner

Carson Ridge and Falls

Saturday, February 25, 10 a.m.–2:30 p.m.

We'll start at the Pine Mountain Fire Road and climb through an area with exposed serpentine along Carson Ridge to the junction with Oat Hill Fire Road, a distance of about one mile. There are incredible 360-degree views on this route. We may see early flowering Mt. Tamalpais Manzanita. We'll then follow the Oat Hill Fire Road about 0.7 miles to the Carson Falls Trail. Along the way we'll look for fetid adder's tongue, milk maids, and other early wildflowers. We'll lunch at Carson Falls and may catch a glimpse of the endangered yellow-legged frogs that live at the falls.

Meet at the Pine Mountain Fire Road Trailhead about one mile south of the Meadow Club on the Fairfax-Bolinas Rd. There is a dirt parking lot. **Rain Cancels.**

Leaders: Carolyn Longstreth, cklongstreth@gmail.com and Susan Schlosser, scschlosser52@gmail.com.

LEARN HOW TO CREATE A POLLINATOR GARDEN

Saturday, January 14 and Saturday, February 4, 10 a.m.–2 p.m.

Hosted by SPAWN (Salmon Protection and Watershed Network) and the Marin chapter of the California Native Plant Society.

European honeybees are NOT the only pollinators! In this hands-on workshop, you will learn how to prepare a garden site and choose the right plants to provide enhanced resources for ALL the pollinators: native bees, hoverflies, butterflies, beetles, and more!



SPAWN nursery manager and interns preparing the site for the Pollinator Garden—SPAWN

We'll also discuss the basics of a healthy habitat, which plants are best for providing essential resources spanning all the seasons, and how to care for a wildlife garden. The more people create habitat gardens, the more we'll all be able to re-create corridors for wildlife to move safely between existing wild lands.

We'll be working with plants grown at the SPAWN nursery or donated by Home Ground Habitats—we'll be offering 1 FREE 4" habitat plant for each workshop participant to take home.

Suggested donation: \$10 per person.

Location: SPAWN headquarters, 9255 Sir Francis Drake Blvd., Olema, CA (1.5 miles west of the Devil's Gulch Trailhead).

Email Audrey@tirn.net to register for the workshops, or call 415.663.8590 x 106.



SIGN UP FOR E-BULLETINS TO KEEP UP WITH CNPS MARIN NEWS!

Periodic e-bulletins are sent out to members and others who wish to be reminded of upcoming events and activities or notified of schedule changes. To sign up, please write to Jim Desser at jdesser@gmail.com.

CNPS MEMBERSHIP

The mission of the California Native Plant Society is to conserve California native plants and their natural habitats, and increase understanding, appreciation, and horticultural use of native plants. Membership is open to everyone.

Join CNPS Now!

Membership benefits include informative publications, field trips, monthly programs, and discounts on books and posters. Also included are *Fremontia* (a journal with articles on all aspects of native plants published three times/year), the *Bulletin* (a quarterly statewide report of activities and schedules), and the chapter newsletter.

Join or Renew Online

Renew your CNPS membership online using a credit card. As an option, set it to renew automatically year after year. It's quick, easy, convenient, and reduces renewal mailing costs.

Visit www.cnps.org and click **Join/Renew**.

Join or Renew by Mail

Yes! I wish to affiliate with the Marin chapter.

New Member Renewal

Membership Category:

- Mariposa Lily \$1,500
- Benefactor \$600
- Patron \$300
- Plant Lover \$100
- Family, Group, or Library \$75
- Individual \$45
- Student or Limited Income \$25

Name _____

Address _____

Telephone _____

Email _____

Please mail application and check payable to **CNPS** to:

California Native Plant Society
2707 K St., Suite 1, Sacramento, CA 95816-5113

The IRS considers dues in excess of \$12.00 per year and all gifts to CNPS Tax Deductible.

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If you wish to receive only the newsletter, please make a \$10 check payable to **CNPS Marin** and mail to: Amelia Ryan, P.O. Box 162, Inverness, CA 94937.

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Field Trips: Carolyn Longstreth
and Susan Schlosser
Conservation: Eva Buxton
and Janice Barry
Rare Plants: Doreen Smith
Gardening with Natives: Charlotte Torgovitsky
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Marin Flora retail sales: Bonnie Gosliner
Marin Flora Project: Wilma Follette
Book Sales: Jane Medley
Poster Sales: Gerd Jakob
Newsletter Editor: Krista Fechner
Newsletter Mailing: Paul Kryloff

WE'D LIKE TO HEAR FROM YOU!

If you would like to make a suggestion for a chapter meeting program, field trip, plant identification workshop, outreach program for schoolchildren, or anything else that could help us improve our service to the public, please contact us. You can phone or email your ideas to any of the board members listed on this page.

NEWSLETTER AVAILABLE ONLINE!

You can find a color PDF edition of this newsletter on the Marin chapter website by visiting cnpsmarin.org/chapter/newsletters.



ZEN OF WEEDING

Habitat Restoration at Samuel P. Taylor St. Park
Second Friday & Sunday of every month, 1–3 p.m.

2017 is the seventh year for our Marin CNPS collaboration with Samuel P. Taylor State Park and San Geronimo Valley's SPAWN (Salmon Protection and Watershed Network). Join us for easy, companionable work along the trails and around the campground. Spending time working under the redwoods restores our spirits as well as the habitat. It is very gratifying to see the native plants making a comeback where we have weeded.

We are excited to be providing a more pristine native environment for the endangered Coho salmon and all the birds and animals, as well as human visitors at this beautiful state park.

We meet just before 1 p.m. at the far end of the picnic area. Bring gloves or borrow from the park supply and get a free parking pass when you volunteer. Contact Nancy Hanson at nphanson@comcast.net if you want to attend, need more info, or want notice of other work parties at the park.

CALIFORNIA NATIVE PLANT SOCIETY
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GET YOUR COPY OF THE REVISED *MARIN FLORA!* NOW ON SALE!

The 2007 revised edition of John Thomas Howell's classic *Marin Flora* (originally published in 1949) is available at chapter meetings and at the chapter website (www.cnpsmarin.org). We are now offering both the hard cover and soft cover books for at sale prices!!

Prices:	Hard cover	Soft cover
Retail	\$35 (plus \$2.98 tax)	\$25 (plus \$2.13 tax)
CNPS members (20% off)	\$28 (plus \$2.38 tax)	\$20 (plus \$1.70 tax)



CNPS Contact Information

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Email cnps@cnps.org (state)
Web www.cnpsmarin.org (Marin chapter)
www.cnps.org (state) The state CNPS site offers a wealth of materials, including promotional materials such as banners and posters.
Facebook www.facebook.com/groups/MarinNativePlants

CALENDAR OF EVENTS

- * **Monday 1/2, 7 p.m.**
Chapter Board Meeting, 5 Hamilton Lndg, Suite 200, Novato
- * **Sunday 1/8, 1–3 p.m. (also 1/12, 2/10, and 2/12)**
The Zen of Weeding, Samuel P. Taylor State Park, Lagunitas
- * **Monday 1/9, 7:30–9:30 p.m.**
Chapter Meeting: CNPS Members' Photos from 2016 Botanical Adventures
- * **Thursday 1/19, 9:30 a.m. (also 2/16)**
Third Thursday Weeders Workday at Point Reyes
- * **Saturday 1/21, 9 a.m.–12 noon**
Chapter Field Trip: Mosses and Other Bryophytes at Alpine and Bon Tempe Lakes
- * **Sunday 2/5, 10 a.m.–2 p.m.**
Chapter Field Trip: Rock Spring Meander
- * **Monday 2/6, 7 p.m.**
Chapter Board Meeting, 5 Hamilton Lndg, Suite 200, Novato
- * **Monday 2/13, 7:30–9:30 p.m.**
Chapter Meeting: Dick O'Donnell on "Regrowth and Recovery from the North Bay Fires of 2014–2015"
- * **Saturday 2/25, 10 a.m.–2:30 p.m.**
Chapter Field Trip: Carson Ridge and Falls
- * **Monday 3/13, 7:30–9:30 p.m.**
Chapter Meeting: Aleta George on "Ina Coolbrith's Love of California Wildflowers"