



California Native Plant Society

MARIN CHAPTER NEWSLETTER

Tiburon Mariposa Lily (Calochortus tiburonensis)

Marin chapter established 1973

Monday, April 10 Marin Chapter Meeting

Bart O'Brien on "A Botanical and Horticultural Potpourri"

Bart O'Brien will speak about several of his larger ongoing projects as well as some of his more recent distractions. Topics will include:

- The equivalent of the CNPS Inventory for the California Floristic Province (CFP) portion of Baja California, Mexico
- An annotated checklist of the CFP of Baja California (and the recently published checklist of the entire CFP by Burge et al.)
- Publication of a full enumeration of the cultivars of the genus *Arctostaphylos*
- The "rediscovery" of *Lupinus paynei*
- What's new at the Regional Parks Botanic Garden
- Images taken this February from Tejon Ranch and the Tumey Hills from what is widely anticipated to be the best wildflower display in many years

Since late 2013, Bart O'Brien has been the Manager/Director of the Regional Parks Botanic Garden in Tilden Regional Park in the Berkeley Hills. Before moving back to northern California, he was with Rancho Santa Ana



Under construction: new serpentine bog display at the Regional Parks Botanic Garden—Bart O'Brien

Botanic Garden in Claremont for 24 years in a variety of positions from Director of Horticulture and Curator of the Living Collection to Director of Special Projects. He is coauthor of three books and author of numerous articles, and was co-curator of the "When They Were Wild" exhibit in 2013 at The Huntington in San Marino. He is a longtime member of the Santa Clara Valley Chapter of CNPS.

The Regional Parks Botanic Garden's spring plant sale is on Saturday, April 15. The sale is open to the public 10 a.m.–3 p.m. (members-only sale is 9–10 a.m., and memberships may be purchased that morning). For more information about the Regional Parks Botanic Garden and its many programs, and a full listing of all the plants (quantities, container sizes, scientific names) in the sale, visit the garden's web site at www.nativeplants.org.

April meeting:

6 p.m. Join friends and meet our speaker for a no-host dinner at The Cantina, 651 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. Note the later start time.



Tumey Hills—Bart O'Brien

April Chapter Meeting continued on page 2

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.



GARDENING IN HARMONY WITH NATURE

by Charlotte Torgovitsky

Even if it's just for an hour or two, I make time to do some work in my garden every single day. My favorite time to be outside is at dusk, when all sorts of creatures are stirring. Since my tasks are often simple and somewhat repetitive, like weeding or potting up seedlings, I'm in a meditative state and absorbing all that goes on around me.

The last of the bees, usually bumblebees, are still buzzing about. Nuthatches sound like little tin horns as they fly to another tree to forage, and the goldfinches gather in groups in the redbud, whistling to each other. A scrub jay swoops down to retrieve a seed stashed in the mulch months ago, but I pretend not to notice. I hear the sharp click of the male Anna's hummingbird downward display drop to proclaim his authority over these resources, and realize that in many ways this is his garden, not mine!

I also notice all the shadows of creatures flying by: the gigantic shadow of a turkey vulture coming to the snag tree to roost; the distinctive flap, flap, glide of a California sister butterfly patrolling the canopies of the oaks; and the more casual flitting about of the painted ladies.

Lately I've been seeing a lot of veined white butterflies (*Pieris napi*), many more than the last few years, and it makes total sense given that the rains have also allowed for an abundance of milkmaids (*Cardamine californica*)



Milkmaids (*Cardamine californica*)—Vernon Smith

throughout the woodlands. Both are organisms of dappled light and shade and connected because the milkmaids are a host plant for the larvae of the veined white (aka mustard-white) butterfly.

Delicate tracings along the veins on the undersides of the wings are distinctive of this species. A related, and very common species, the cabbage white (*Pieris rapae*), does not have these markings, but both species have black spots on the top sides of the front wings: one spot on a male, two spots on a female.

The flight period of the native veined white is rather short—by June the future generation is diapausing in a pupal state. The larvae also feed on some other native mustard family plants such as *Barbarea* or *Arabis*, and seem to appreciate the nectar from the large European wallflowers in my garden.

Milkmaids are perennial plants. The first leaves are rounded and slightly scalloped at the edges, and the petiole seems to stretch away from the roots. As the flowering stalks develop, the leaves change dramatically, becoming much more linear and dissected along the upright stems. Flower buds are sometimes blushed with pink, and the flowers are sweetly fragrant when open.

I once tried once to dig one up in my woodlands, but the roots are really fleshy and easily broken, as well as being hard to accurately locate in relation to the top growth of the plant. It became evident that milkmaids are not good subjects for transplanting, unlike buttercups, another perennial whose flowers light up the woodlands. Buttercups seed themselves liberally into my gravel pathways, and transplant readily. Both species are easy to start from seeds, but collecting those seeds can be challenging!

The "fruit" of mustard family plants is a silique, a long skinny seed pod with outer walls that peel away from a central, papery partition to which the individual seeds are attached. These are seeds that I really dislike cleaning because they are just difficult with this additional point of attachment.

Milkmaid plants are easy to see while the flowers are blooming. The nascent seeds are flat, swelling slowly as they mature. When fully ripened, the pods are brownish, and the plants have all but died back to the ground. It takes a few tries, wandering in the woodlands, in all those places I remembered seeing the flowers, before my search image is set, and then seed pods are easy enough to find!

I collect them in good years, and try to get to them in a timely manner though the seasons come and go so quickly, and things seem to grow almost overnight! Then I hear the flickers calling in the woods. They are still here; they haven't flown off to higher altitudes yet, and that is somehow most reassuring.

PLANT OF THE MONTH: MT. BURDELL JEWELFLOWER

Text by Doreen Smith

Marin probably has a new endemic plant, one not yet written up in a scientific journal! We have heard that soon Dr. Robert Preston will publish an account of this unusual jewelflower.



Bloom of Mt. Burdell jewelflower (*Streptanthus* sp. nov.)—Vernon Smith

Independently, on each of the north and south ends of the Mt. Burdell escarpment, Aaron Arthur and I found a *Streptanthus* that wouldn't key out in the 2012 *Jepson Flora*. We put pictures of it online at



Basal rosette of Mt. Burdell jewelflower (*Streptanthus* sp. nov.)—Vernon Smith

Calphotos.org. Dr. Preston immediately recognized that it was likely a new species and collected a small amount of material to get it genetically investigated for a comparison with known *Streptanthus* and *Caulanthus* species. California Academy of Sciences has herbarium specimens.

The annual plants initially have a rosette of leaves that look very like those of *Streptanthus glandulosus*, but when it flowers it is completely different. Superficially it looks like the perennial taxon, *Streptanthus tortuosus*. The nearest population of that species is on Mt. Hood in Sonoma County.



GOT BROOM?



Genista monspessulana (French broom)—Vernon Smith

Borrow as many as six broom wrenches for two weeks at a time from Marin CNPS! Our county is overrun with invasive weeds, especially French broom (*Genista monspessulana*), a shrub native to the Mediterranean area. (It is sometimes incorrectly referred to as "Scotch broom.") Preventing wildfires that start along the wildland/urban interface by creating "defensible space" is a focus of land managers and fire agencies in Marin. With the help of a broom wrench, you can create defensible space around your home, take the battle to adjacent wildlands, or just clean up your property. The wrenches, owned by Marin CNPS, work on virtually all woody plants; even previously cut plants can be uprooted, if a section of the original stem is accessible.

Marin CNPS owns wrenches in three different sizes:

- 1 medium wrench—jaw capacity up to 2.25 inches, weight 17.5 lbs
- 2 light wrenches—jaw capacity up to 1.5 inches, weight 11.5 lbs
- 3 mini wrenches—jaw capacity up to 1 inches, weight 5.25 lbs

Please contact Eva Buxton (Conservation Chair) at evabuxton@sbcglobal.net to arrange for pickup or delivery of the wrenches. Your name, address, phone number, and a small deposit per wrench will be required.

CALIFORNIA NATIVE PLANT WEEK

Saturday, April 15–Sunday, April 23

It's our favorite time of year again! Celebrate California's native plants in the wild and in the garden during the many free events we are offering the week of April 15–23. Find full event details at www.cnpsmarin.org/nativeplantweek and get better acquainted with our tough and beautiful native plants!

Mt. Hamilton Field Trip

Saturday, April 15, 8 a.m.

See trip description on page 6.

Spring Wildflowers of Marin

Saturday, April 15, 5–6 p.m.

Native plant expert Doreen Smith will present a slideshow and talk about some of the more familiar wildflowers of Marin, with an emphasis on those growing at China Camp State Park. Doreen is well known for her expertise on the native flora of the county, and has spent years identifying and updating the local wildflower species lists on behalf of the Marin Chapter of CNPS.

Location: The museum at China Camp village. Programs are free, family-oriented, and open to the general public. However, space is limited and reservations are required. To reserve, send an email to chinacamp.programs@gmail.com. Include your name and the number of seats you need, as well as the name and date of this program. Friends of China Camp will reply to confirm your reservation.

Wildflowers at Chimney Rock, Point Reyes National Seashore

Monday, April 17, 10 a.m.–2 p.m.

See trip description on page 6.

Growing Native Plants from Seed

Tuesday, April 18, 1–3 p.m.

Growing native plants from seed opens up a whole new and exciting world of possibilities! This is a hands-on how-to demonstration and workshop with propagation expert Charlotte Torgovitsky. We'll cover various types of seeds and provide insight into how to succeed with each type, including tips for when to start them, the ideal growing medium to use, what amount of exposure to heat and light works best, and when they will be ready to put out in the garden. Each participant will take home several small nursery pots sown with seeds of their choice.

Location: SPAWN headquarters, 9255 Sir Francis Drake Blvd., Olema. There is a \$20 fee and a maximum of 15 attendees. Please register for the

class by contacting Audrey Fusco or Preston Brown at 415.663.8590 x 111, or preston@tirn.net. Full directions and information on what to bring will be provided to registrants.



Charlotte and a student preparing to sow seeds—Jean Ballestero

Third Thursday Weeders

Thursday, April 20, 9:30 a.m.–1:30 p.m.

See event description on page 10.

Wildflowers of Mt. Burdell

Thursday, April 20, 10 a.m.–2 p.m.

See trip description on page 7.

Soulajule Jewels and Ghouls Field Trip

Thursday, April 20, 10 a.m.–2:30 p.m.

This hike is co-sponsored by MMWD and the Milo Baker chapter of CNPS. Soulajule Reservoir is a little-known gem in northern Marin County. We'll hike around the far side of the reservoir to look for rare plants. This area is a lovely mixed forest with a mostly intact understory. Indian paintbrush species abound and western pond turtles make a splash as well. It's two to three miles round-trip, relatively flat, and possibly muddy. There is a plank to cross over the water and a short incline at the start.

Location: To RSVP and arrange carpooling from Fairfax, call 415.945.1128 or email volunteerprogram@marinwater.org. If not carpooling, meet at 10 am at the dirt lot below the dam on Arroyo Sausal Road. This is one mile from the turn off of Marshall Petaluma Rd.

Native Plant Week continued on page 5

The Beauty of our North Coast Range Wildflowers

Friday, April 21, 12 noon–1 p.m.

Award-winning photographer and author Reny Parker invites you to share her passion for wildflowers with a multimedia show on the beauty and diversity of our northern Coast Range wildflowers. Reny is passionate about wildflowers and has photographed them in their wild habitats for more than 27 years.

Reny has recently published a revised edition of *Wildflowers of California's North Coast Range*, which now includes Humboldt and Del Norte counties. This edition includes 393 species of plants, with 35 new species and over 770 color plates. Easy to use, the guide is grouped by color with closeups for easy identification. After her presentation, she will sign copies of the book, which can be purchased for \$25 (cash/check only).

Location: Marin County Civic Center Library, Room 427, San Rafael.



Reny Parker—Keith Parker

Celebrate Earth Day at Samuel P. Taylor Park

Saturday, April 22, 9:30 a.m.–1 p.m.

Join us for a morning of learning and helping at one of our favorite local parks. We're planning all kinds of walks along the creek to learn about invasive weeds that are pushing out our favorite native wildflowers, to search for wildflowers and look for living creatures in the creek itself, and to learn a bit about the history of the park.



Redwood Grove at Samuel P. Taylor Park—Ken Papai

We'll put in some time weeding local trails to remove the invaders we just learned about, and help keep the campground and creek free of trash. Then we'll wrap up around noon for a wonderful group picnic. Stop by any time. Park rangers will be on hand, along with staff from the following organizations, all of which are planning activities:

- The Marin Chapter of CNPS will be your host and will help visitors learn the difference between weeds and wildflowers.
- Nancy Hanson, queen of the Samuel P. Taylor Park "Zen of Weeding" project, will lead weeding crews.
- SPAWN (Salmon Protection and Watershed Network) staff will host creek walks.
- Julie Hanft of GreenPlay will lead children's activities.
- Marin County Bicycle Coalition is planning a ride.
- The park rangers will give a talk on the history of Samuel P. Taylor and how his "camp" became a state park.

All ages are welcome. Wear comfortable clothes you don't mind getting wet and/or dirty and sturdy walking shoes (no sandals). Bring a lunch, hat, sunscreen, camera, field guide, and binoculars if you like; gloves for weeding would be helpful. We will supply coffee, snacks, water, and other drinks, and lots of treats. The events are free but there is an \$8 parking fee. Heavy rain cancels.

Location: The Park is at 8889 Sir Francis Drake Blvd., about 15 miles west of the Sir Francis Drake exit on Hwy 101. The Redwood Grove is immediately on the left after you cross the bridge from the main entrance and day use area to go to the Cross Marin Trail and the campgrounds. Look for our signs.

Wildflowers of the Gary Giacomini Preserve

Sunday, April 23, 9 a.m.– 2 p.m.

See trip description on page 7.

MARIN CNPS FIELD TRIPS APRIL 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 water, lunch, and snacks; binoculars and/or hand lenses; and your favorite field guides. Contact hike leaders with any questions about individual hikes.

Mt. Hamilton Field Trip

Saturday, April 15, 8 a.m.

Mt. Hamilton is the highest peak in the Bay Area at 4,265 feet, and is part of the Diablo Range that extends from Mt. Diablo south to Orchard Peak in Kern County. This part of the Inner Coast Ranges is typically much drier than the part of the Outer Coast Ranges that runs through Marin. Mt. Hamilton has a great variety of habitats, including many that are not found in Marin. As a result it has a rich flora and is home to many species not found in Marin County.

Showy flowers like Lindley's blazing star (*Mentzelia lindleyi*) and wind poppy (*Papaver heterophyllum*) are some of the spring beauties we'll likely encounter. Some of the plants are endemic to the mountain: the Mt. Hamilton lomatium (*Lomatium observatorium*) is found only around Lick Observatory, and the Mt. Hamilton jewelflower (*Streptanthus callistus*) is found in Arroyo Bayo. We'll look at native herbs, trees, and shrubs in this picturesque area.

This will be a full-day trip. We'll make several stops along Mt. Hamilton Road and do a bit of walking at a couple of places. Parking at the various stops along the road is limited and we want to maximize the number of people in each car so that we'll have enough space for everyone at each stop up the mountain and down the other side into Arroyo Bayo and Del Puerto Canyon.

We'll carpool from the Manzanita Park & Ride in Mill Valley. From either north or south: take US 101 to exit number 445B, proceed to CA-1, and enter the Manzanita Park & Ride lot, which is under US 101.

Please RSVP to Susan Schlosser to sign up for this field trip at scschlosser52@gmail.com or 707.834.6525. Road conditions on Mt. Hamilton may influence our route.

Leader: Terry Gosliner is a CNPS member and a Curator in the Department of Invertebrate Zoology and Geology at the California Academy of Sciences, where he specializes in the evolution and systematics of nudibranchs (sea slugs). While his research focuses on marine biology and often takes him to coral reefs

in the Philippines, he has a life-long passion for native California plants. As a child he grew up in Marin and explored the plants of the Bay Area from an early age.

Wildflower Mountain Bike Ride on Mt. Tam

Saturday, April 15, 9 a.m.

The ride will make a clockwise circuit around Mt. Tam. Starting at Mountain Home, the route will include the West Peak; Mountain Theater on Lagunitas-Rock Spring Road; a steep serpentine descent to Bon Tempe on Rocky Ridge Road; a single-track trail along the edge of the Meadow Club; a paved road to Lake Lagunitas; a single track around the lake (legal); and then Eldridge Grade, Hoo Koo Y Koo, and a return to Mountain Home. The ride will take five to six hours.

Stops along the way will include Double Bow Knot (large fir, three kinds of manzanita, chinquapin); the base of Fern Canyon (redwood, undergrowth plants, chain fern); chaparral shrub flowers on Railroad Grade (yerba santa, several ceanothus, chaparral pea); serpentine chaparral on Rocky Ridge Road (leather oak, Tamalpais manzanita); the seep at Lake Lagunitas (oracle oak, shooting star, California saxifrage, mistmaiden, spoon-leaved sedum); and Eldridge Grade (California nutmeg).

Leader: For questions, contact Bruce Homer-Smith at bruce@quartetsystems.com or 650.948.9090.

MARIN COUNTY PARKS WALKS

Marin County Parks is celebrating Native Plant Week with three wildflower outings!

These walks, led by naturalist Shannon Burke, are for ages 15 and up. Please leave pets at home (except service animals). Rain may cancel. If questionable weather, call 415.893.9527 after 8 a.m. on the morning of the event to hear a recorded message if cancelled. Questions: Contact Shannon Burke at SBurke@marin-county.org or 415.893.9520.

Wildflowers at Chimney Rock, Point Reyes National Seashore

Monday, April 17, 10 a.m.–2 p.m.

The coastal bluffs along the outer reaches of the Point Reyes Peninsula host a fantastic display of spring wildflowers. We'll take our time identifying the species that we find as we enjoy breathtaking views of the ocean. Bring binoculars, if you have them.

Directions: Meet at the Chimney Rock parking lot at the end of Francis Drake Blvd. in the Pt. Reyes National Seashore. From Hwy 101 in Larkspur, take the exit for Sir Francis Drake west 20.4 miles to Olema. Turn right onto Hwy 1 and go two miles. Turn left onto Sir Francis Drake Blvd and go 19 miles (allow about 30 minutes for this segment). Just after you pass the last dairy ranch (Ranch A) and a "V" in the road, go left; parking lot is at the end.

April Field Trips continued on page 7

Wildflowers of Mt. Burdell

Thursday, April 20, 10 a.m.–2 p.m.

Mt. Burdell is undoubtedly one of the best wildflower locations in the county. We'll visit a variety of habitats including volcanic outcrops, serpentine soils, freshwater springs, and oak woodlands. The flora of this Novato preserve is incredibly diverse and includes a number of rare plants. Bring binoculars, if you have them.

Directions: Meet at the gate on San Andreas Dr in Novato. From Hwy 101 in Novato, take the exit for San Marin Dr west 2.3 miles. Turn right onto San Andreas Dr and follow approximately 0.5 miles. The gate is on the right (before the dead end).

Wildflowers of the Gary Giacomini Preserve

Sunday, April 23, 9 a.m.–2 p.m.

The ridge above the south side of the San Geronimo Valley is one of the great gems in the county. Wildflowers (including several serpentine endemics), a pygmy Sargent cypress forest, and incredible views are our reward for the sustained climb that will bring us to the top. Bring binoculars, if you have them.

Directions: Meet at the gate on Redwood Canyon Dr in San Geronimo. From Hwy 101 in Larkspur, take the exit for Sir Francis Drake Blvd west 9.4 miles. Turn left onto Railroad Ave, take a sharp right onto San Geronimo Valley Dr, and take the second left onto Redwood Canyon Dr. The gate is immediately on the right.



ZEN OF WEEDING

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

Our special restoration event at Samuel P. Taylor Park on March 4 was a spectacular success due to the organizational skills of two Americorps interns focusing on watershed biology with MMWD. Katey Strailey and Brenna Fowler provided over 70 volunteers, a delicious lunch, expert talks on salmon biology, and a huge mound of duff. We were entertained by giant earthworms, ensatinas, the first violets and trilliums, red-shouldered hawks, and pileated woodpeckers.

Kudos to my 10 trusty Zen team leaders, including seven loyal weeders from our partner, San Geronimo Valley's SPAWN (Salmon Protection and Watershed Network). We led two shifts of volunteers in filling 45 thirty-gallon bags with mostly *Ehrharta erecta* grass and forget-me-nots. We then mulched selected spots with rice straw disguised with a topping of redwood duff to smother emerging seedlings. Sites 27 to 43 in Orchard Hill Campground are now transformed.

Join us this spring for easy, companionable work as the wildflowers continue to open; we'll restore their habitat along with our spirits. 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, nphanson@comcast.net.



BIOBLITZ AT HOMESTEAD VALLEY

Saturday, April 29, 9 a.m.–3 p.m.

Join the National Park Service and One Tam at scenic Homestead Valley as we try to identify and document every living species we see! Hone your naturalist skills, learn to use the iNaturalist smartphone app, and contribute valuable data about Mt. Tam's biodiversity. No smartphone? No problem! No experience or special equipment are necessary; just bring your enthusiasm for science and nature. Training and guidance will be provided. We'll be exploring coastal prairie and forested ridges to look for rare species and weeds alike.



Volunteers on a 2016 bioblitz in Cascade Canyon—Lieven Leroy

- We'll be taking observations in the field from 9 a.m. to noon, and then move to a nearby wifi-enabled location to eat lunch, discuss identifications, and upload our observations.
- Volunteers ages eight and up are welcome. Participants under age 16 will need a parent or guardian present.
- It is recommended that you bring a smartphone with the free iNaturalist app downloaded. Pairing up is also an option, and we will have some extra tablets for teams to use as well.

RSVP required: visit www.onetam.org/calendar.

Important details on directions, carpooling, parking, and getting started in iNaturalist will be emailed to participants after registering.

Contact: Rosa Schneider, rschneider@onetam.org, 415.484.3164.

RESTORING HABITAT AT HOMESTEAD VALLEY

Some people are talkers...others are doers! Marabeth Grahame definitely belongs to the second category. As a volunteer working on a Homestead Valley Land Trust (HVL) parcel, she has more or less single-handedly cleared it of French broom (*Genista monspessulana*) and Scotch broom (*Cytisus scoparius*) over the course of a few years. Homestead Valley, which abuts GGNRA property, lies within the watershed of Reed Creek and stretches from Miller Ave. to near the Four Corners area on Panoramic Highway.

A bond measure on the ballot in 1973 raised \$600,000, with 79% of Homestead residents in favor of purchasing 80 acres of open space. Marabeth is on the board of the Land Trust, following in the footsteps of both her parents. She is also a board member of Homestead's "Firewise" subcommittee, managing the fire-fuel reduction effort that is targeting highly flammable, non-native species. (Firewise seeks to educate communities to become fire resistant, thus making them eligible to apply for grants.)

Marabeth's first habitat restoration project was the removal of broom in an oak woodland where she had seen some Indian warriors (*Pedicularis densiflora*) the year before. Lo and behold, the next year there was a large patch of this species and many other plants, including coralroot (*Corallorhiza maculata*), Oakland star tulip (*Calochortus umbellatus*) (rare), and Douglas iris (*Iris douglasiana*).

Inspired by this transformation and disturbed by SOD blitz data showing a high incidence of SOD in Homestead, Marabeth continued to restore oak woodlands aided by the Land Trust, which removed the piles of pulled broom as well as 30 large blue gums (*Eucalyptus globulus*). The Ridgewood Rock area, a favorite spot of hers, now supports osoberry (*Oemleria cerasiformis*), spring gold (*Lomatium utriculatum*), green saxifrage (*Micranthes californica*), Fremont's star lily (*Toxicoscordion fremontii*), and many other native plants.

What a treat it was to be taken on the Ridgewood trail through the preserve by Marabeth on a Sunday in February! As it was early in the season, many species were in their vegetative state, but several were in full bloom, among them the Marin checker lily (*Fritillaria lanceolata* ssp. *tristulis*) with its chocolate-colored "bells," a CNPS Rank 1B species (rare and endangered throughout its range). The trail winds through a woodland community, where fetid adder's tongue (*Scoliopus bigelovii*) was already planting its seed for next season; wake-robin (*Trillium ovatum*) was in full bloom; and false lily-of-the-valley (*Maianthemum racemosum*), looking like "sticks" in the ground, was ready to unfold its leaves. A truly exciting find among the wildflowers was colonies

of black trumpets (*Craterellus cornucopioides*)—the best-tasting mushroom ever!



Marin checker lily (*Fritillaria lanceolata* var. *tristulis*)—Vernon Smith

Marabeth, a programmer by profession, created a website for the Land Trust, www.hvlt.org, that includes a Trail Map, Blooming Now blog, and Biological Inventory database, as well as wildflower and mushroom photo galleries. She leads frequent wildflower walks during the spring; the walks are publicized on the HVL and CNPS Facebook pages.

Just imagine what our open spaces could look like if we all had the dedication and resolve to remove invasive species and restore habitat for native plants! Thanks, Marabeth!

—Eva Buxton, Conservation Chair

UPCOMING PLANT ID WORKSHOP

Thursday, April 13, 6–7:30 p.m.

Plant ID workshops happen on the second Thursday of each month. 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.

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.

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

THIRD THURSDAY WEEDERS

Thursday, April 20, 9:30 a.m.–1:30 p.m.

Would you like to help improve plant habitat with your own two hands? Join the “Third Thursday Weeders” to tackle invasive weeds that threaten important plant habitat in the Point Reyes National Seashore.

The group meets on the third Thursday of each month at locations arranged with Seashore staff. We have hand-pulled small iceplant seedlings at a gorgeous location on the Outer Point, dug up European beachgrass at Abbotts Lagoon, and helped prevent sea rocket from taking over newly restored dunes. Not only did we enjoy fun days of camaraderie in the great outdoors at Point Reyes, we made a significant contribution to improving habitat for native species!



Third Thursday Weeders whale-watching during a break—Carolyn Longstreth

At our next work party, we are planning to remove small iceplant seedlings and patches that are popping up along both sides of the Lighthouse Road. Bring plenty of water, lunch and snacks, warm and wind-stopping layers, sturdy shoes, and work clothes. No shorts or open-toed shoes.

Please let us know if you plan to join the group by emailing Carolyn Longstreth at cklongstreth@gmail.com.

Hope to see you there!

—Carolyn Longstreth



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.

Newsletter Only

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.

Newsletter Subscription only \$10

GET YOUR MARIN CHAPTER CNPS NEWSLETTER ELECTRONICALLY

Help the Marin Chapter reduce unnecessary costs and use of paper for the chapter *Newsletter* by receiving the color version of the *Newsletter* by email instead of by snail mail. Write to deliveriesmarincnps@gmail.com with "Email Newsletter" in the subject line and your name and address in the body of the email. Many thanks!

MARIN CNPS CONTACTS

Board Members

Kristin Jakob, Co-Vice President
David Long, Co-Vice President
Amelia Ryan, Treasurer
Recording Secretary: Open
Charlotte Torgovitsky
Laura Lovett
Paul da Silva
Carolyn Longstreth
Phyllis Faber
Rob Katz
Eddie Robertson
Jacoba Charles

Committee Chairs

Chapter Council Delegate: David Long
Chapter Programs: Kristin Jakob
Education: Paul da Silva
Field Trips: Carolyn Longstreth and Susan Schlosser
Conservation and Invasives/Conservation: Eva Buxton
Rare Plants: Doreen Smith
Gardening with Natives: Charlotte Torgovitsky
Plant Sale Committee: Kristin Jakob and Charlotte Torgovitsky
School Gardens Program: Charlotte Torgovitsky
Nursery Outreach: April Post
Communications: Laura Lovett
Publicity: Alison Blume
Membership: Eddie Robertson
Legislation: Phyllis Faber
ID What You See Website: Bruce Homer-Smith
Marin CNPS Website: Vernon Smith

Other Useful Contacts

Marin Flora mail orders: Vivian Mazur
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.

Mono Lake Committee Seminars

HIGH COUNTRY PLANTS & HABITATS: HOW ARE THEY COPING WITH CLIMATE CHANGE?

Friday–Sunday, July 28–30

Taught in the Tioga Pass region of the Sierra Nevada, this field seminar visits subalpine meadows and forests, subalpine lake shores and streams, and natural rock gardens.

Field identification of common trees, shrubs, wildflowers, ferns, resident birds, insects, and other wildlife combines with discussions of how these plants and animals rely on each other for food, seed distribution, nesting sites, and other necessities. A special focus is on how high-elevation plants and animals are being affected by climate change, and how they are coping with "weird weather" and other new realities.

From a 2016 participant: "Ann seamlessly wove biology of plants, pollinating insects, seasonal/climate change impacts, history of the region, studies of the area and its ecology (past and present), bird behavior, etc. into our discussions. Overall experience: 10/10."

Instructor: Ann Howald

Cost: \$165 per person, \$150 for Mono Lake Committee members; limited to 15 participants.

For detailed information, visit www.monolake.org/visit/seminars.

CALIFORNIA NATIVE PLANT SOCIETY
MARIN CHAPTER
PO Box 1408
Mill Valley, CA 94942-1408

Printed on Recycled Paper

Non-Profit Org.
U.S. Postage
PAID
San Rafael, CA
Permit No. 300

Or Current Resident

Visit us at www.cnpsmarin.org!

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 \$2.89 tax)	\$25 (plus \$2.06 tax)
CNPS members (20% off)	\$28 (plus \$2.31 tax)	\$20 (plus \$1.65 tax)



CNPS Contact Information

Phone 916.447.2677 (state)
Fax 916.447.2727 (state)
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
Meetup www.meetup.com/California-Native-Plant-Society-Marin-Chapter-Meetup

PLANT COMMUNITIES OF MARIN COUNTY

Do you want to learn more about the diverse plant communities of this special county?

Plant Communities of Marin County, written by David Shuford and Irene C. Timossi and illustrated with exquisite black and white photographs of the communities and their member species, is an excellent resource. Send your check payable to **CNPS** for \$11 per copy (shipping, handling, and tax included) to:

Phyllis Faber
765 Miller Ave.
Mill Valley, CA 94941

Enclosed is \$_____. Please send me _____ copies of *Plant Communities of Marin County*.

Name _____
Address _____
Telephone _____