



California Native Plant Society

MARIN CHAPTER NEWSLETTER

Tiburon Mariposa Lily (Calochortus tiburonensis)

Marin chapter established 1973

Monday, October 8, Marin Chapter Meeting

Andrea Williams on “Water, Fire, and Mt. Tamalpais”

The Marin Municipal Water District (MMWD) is continuing to take action to minimize fire hazards and maximize ecological health on its watershed lands. The Mt. Tamalpais, Nicasio Reservoir, and Soulajule Reservoir watersheds encompass approximately 22,000 acres of publicly accessible wildlands characterized by both high wildfire risk and high biological diversity. Vegetation Ecologist and CNPS member Andrea Williams is on the front lines of vegetation and wildlife management at MMWD and will share a closer look at fire safety and vegetation management on Mt. Tamalpais.

Monday, November 12, Marin Chapter Meeting

Michael Wood on “California Mushrooms”

Michael Wood, a California native, is a retired computer consultant by profession, and a mycologist and photographer by obsession. He is a past president of the



Boletus edulis var. *grandedulis* (Bolete)—Michael Wood

Mycological Society of San Francisco and chair of the MSSF systematics committee. He is the publisher and webmaster for MykoWeb.com and former webmaster for the MSSF and the North American Mycological Association (NAMA) websites. He has been an avid mushroom collector, photographer, and taxonomist for over 35 years. His mushroom photographs have been published in many scientific journals, plus numerous books, magazines, newspapers, and websites. He has led numerous workshops and countless forays for the MSSF and others. He is the co-author of *California Mushrooms: The Comprehensive Identification Guide* (<http://californiamushrooms.us/>) and is currently collaborating on the forthcoming book, *Mushrooms of the Great Smoky Mountains*.

Monday, January 14, 2019 Marin Chapter Meeting

CNPS Members’ Photos from 2018 Botanical Adventures

Our January membership meeting program will be a potluck medley of your best pictures from botanical forays in California and beyond. Please contact Program Chair Kristin Jakob (415.388.1844/ kristinjakob@att.net) by December 1, 2018 with your proposed subject and estimated number of images; you will be contacted as she composes the program based on your submissions; an average of five presenters with about 20 images each would be ideal. The images can be in the form of a PowerPoint slideshow, or images on a flash drive.

October, November, and January meetings:

5:30 p.m. Join friends 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.

7 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. **Lecture or slideshow starts at 7:30 p.m.**

GARDENING IN HARMONY WITH NATURE

by Charlotte Torgovitsky

It's for the Birds!

I love watching the birds at my feeders, which are strategically placed away from potential danger, and in such a way that I get a great view from my favorite place to sit and read. I'll notice all the activity in a peripheral sort of way, but when something unusual happens, or a bird appears that's out of the ordinary, my attention is immediately focused. I get so much pleasure from watching these beautiful creatures, unnoticed, but still close up.

In years past I've participated in Cornell University's "Feeder Watcher Program," which engages citizen scientists all across America to help compile statistics on songbirds. One year the observations of individual watchers were used to help monitor and track the spread of an eye infection amongst house finches.

I put out two feeders, each containing just one type of seed: niger thistle or black oil sunflower. Most commercial seed mixes are a waste of money, since much of the seed contained is not of interest to the wild birds. It is interesting to notice how the different birds handle the seeds they take from the feeders; house finches eat the sunflower seeds right at the feeder. They have a special groove in their bill that allows them to crack and remove the shell without dropping the seed meat. Titmice and chickadees will take a seed, and then fly off with it to a level branch where they can grip the seed with their toes, and crack it open to get at the seed meat.

Scrub jays will weigh several seeds before they take the heaviest one; some are eaten, but many are "planted" (stashed away for future consumption). Lots of seeds get dug into the soil in the fall, and dug out again in the spring. And the jays aren't the only creatures doing this; the gray squirrels are also stashing seeds and acorns.

However, here's a major problem: the birdseed we buy is a product of agribusiness, and these days is a huge market now worth millions of dollars each year. These



House finches on toyon—Bob Watkins

are crops that are grown in the typical way of modern, large-scale farming: in huge monoculture fields, using all sorts of chemical inputs, slowly destroying topsoil, and adding more and more pollutants to already stressed natural environments.

It's important to realize that, ironically, natural habitat for birds and a host of other creatures was most likely destroyed or severely compromised in order to grow birdseed for additional food. But really, it is done mainly for the somewhat selfish pleasure of "bird lovers."

It's Really All about Habitat!

The best way to provide abundant resources for the birds is to preserve or create/maintain habitat in the wild and in our own gardens. When creating habitat, the single most important resource that a gardener can provide for the birds is a thriving and diverse population of insects. Insects are the foundation of all other life, and almost all the songbirds rely on insects to raise their young. Many other birds are insectivorous for at least a portion of the year.

So, it goes without saying that every serious habitat gardener creates a pesticide-free zone. Other than that, it's important to provide a source of clean water, safe cover, nesting materials, and safe nesting sites. The best way to do so is by increasing plant diversity, both in species and in forms: trees, shrubs, perennials, vines, and grasses. California native plants are the best providers for native creatures, but carefully selected non-natives can also provide resources. The best habitat plants provide multiple resources.

I don't put out a hummingbird feeder; instead, I have at least one species of salvia in full bloom every month of the year. All the native salvias grow in my garden, and bloom in succession from January through June, but it's a variety of non-native salvias that bloom throughout the summer months and right through the rainy season.

Don't forget about all the insects and other arthropods that live in the soil; a mulch layer protects the life in the soil, which helps provide for the ground-feeding birds. Fruits and seeds are important, too; a conscientious habitat gardener will let at least some plants go to seed; and will leave a portion of fruits and berries for the birds. Birds also eat green leaves and flower petals. It took me a while to figure out that it was goldfinches skeletonizing the leaves of the sunflower plants!

It's All about the Natives!

A habitat gardener must recognize the plant community (or remnants thereof) within which they live and garden. The existing large trees or large established shrubs usually define the community, and other plant species are often common associates within that community. There will be the resident birds, which gardeners will want to provide resources for, and also migrants that come and go seasonally.

Gardening in Harmony with Nature continued on page 3



Chestnut-backed chickadee—Bob Watkins

In my oak woodland, acorn woodpeckers are a “keystone” resident species, but scrub jays, titmice, chickadees, nuthatches, goldfinches, house finches, towhees, juncos, turkeys, bushtits, Bewick’s wrens, mourning doves, and Anna’s hummingbirds are also residents. In summer months, flycatchers live and breed here; in winter months, robins and other thrushes, ruby-crowned kinglets, flickers, cedar waxwings, and the golden and white-crowned sparrows spend time foraging in the garden and woodlands.

Oak trees support an amazing array of life; some studies show up to 5,000 species of insects may be associated with California oaks. Acorns are ripening up and starting to drop as I’m writing this article in mid-September; they will be sustenance for many creatures for months to come.

There is also a plentiful variety of native food plants in my garden to sustain life: elderberries are abundant, and there are still some barberries and currants left on the shrubs. There’s also seed still available at the native salvias, while goldenrods, asters, gumplants, and summer-blooming tarweeds are all setting seed. Catalina cherry has wonderfully sweet fruit that the birds, deer, and rodents all appreciate. California fuchsias are in full bloom, and the hummers are traplining every drift. Soon the toyon berries will ripen up, and the bright red color will act as a magnet for flocks of migrating birds.

Coyote brush is another native magnet for insects; about 400 species are found associated with these native shrubs. The blooms come at a time when little else is available, and seed set is prolific, providing still more sustenance during the fall months.

We’ll have these and many other great plants “for the birds” available at our chapter Fall Plant Sale!

For a complete list of California natives that provide for the insects and the birds, listed month by month, please visit www.homegroundhabitats.org.

CALENDAR OF EVENTS

- ✿ **Monday 10/1, 7 p.m.**
Chapter Board Meeting, 5 Hamilton Lndg, Suite 200, Novato
- ✿ **Friday 10/5, 9 a.m.–5 p.m.**
2018 One Tam Science Summit: Into the Woods at Mill Valley Community Center
- ✿ **Sunday 10/7, 9 a.m.–3 p.m.**
Chapter Field Trip: South-facing Mt. Tam Habitats
- ✿ **Monday 10/8, 7–9 p.m.**
Chapter Meeting: Andrea Williams on “Water, Fire, and Mt. Tamalpais”
- ✿ **Friday 10/12 and Sunday 10/14, 1–3 p.m. (also 11/9, 11/11, 12/9, 12/14)**
The Zen of Weeding, Samuel P. Taylor State Park
- ✿ **Saturday 10/13, 9 a.m.–1 p.m.**
Milo Baker Annual CA Native Plant Sale, Santa Rosa
- ✿ **Saturday 10/13, 10 a.m.–1 p.m.**
Plant propagation class: Plant from Pieces! Cloning and Divisions
- ✿ **Thursday 10/18, 9:30 a.m. (also 11/15 and 12/20)**
Third Thursday Weeders Workday at Pt. Reyes
- ✿ **Saturday 10/20, 9 a.m.–1 p.m.**
Marin CNPS Fall Plant Sale
- ✿ **Saturday 10/20, 10 a.m.–2 p.m. (also 11/17 & 12/15)**
Novato Island Habitat Maintenance
- ✿ **Friday 11/2, 5:30–7:30 p.m.**
Annual Marin CNPS Member Appreciation Event, Falkirk Cultural Center, San Rafael
- ✿ **Monday 11/5, 7 p.m.**
Chapter Board Meeting, 5 Hamilton Lndg, Suite 200, Novato
- ✿ **Sunday 11/11, 10 a.m.–2 p.m.**
Chapter Field Trip: Jepson-Johnstone Loop, Tomales Bay St. Park
- ✿ **Monday 11/12, 7–9 p.m.**
Chapter Meeting: Michael Wood on “California Mushrooms”
- ✿ **Monday 1/14/19, 7–9 p.m.**
Chapter Meeting: CNPS Members’ Photos from 2018 Botanical Adventures



MILO BAKER CHAPTER

47th Annual California Native Plant Sale

Saturday, October 13, 9 a.m.–1 p.m.

Location: Veterans Memorial Building, 1351 Maple Ave., Santa Rosa, across from the fairground.

Shrubs, perennials, bulbs & seeds, gardening experts to answer questions, cards, books, posters, and t-shirt. Free parking and free admission. Credit cards accepted.

VOLUNTEERS NEEDED FOR PLANTING OF LAGUNITAS CREEK RESTORATION SITE

The Salmon Protection and Watershed Network (SPAWN) is currently working on one of the largest restoration projects ever undertaken in Lagunitas Creek. Over the next two years, we'll restore a one-mile segment along the creek to its natural function to help recover critically endangered Coho salmon. This project takes place in West Marin, in the areas previously known as Tocaloma and Jewell.

The first phase of the project, in 2016, involved removal of old abandoned houses of the former communities that were scattered throughout the area adjacent to the floodplain of Lagunitas Creek. In August 2018, SPAWN began working to remove more than 13,000 cubic yards of dumped fill and abandoned structures in the floodplain, a necessary first step in the creation of side channels to create refuge habitat for juvenile salmon and trout. In addition to these new channels, we'll install large woody debris at strategic locations to increase stream complexity in late September and early October. Finally, in late October 2018, we'll begin stabilizing the slopes of the newly cut channels by seeding native grass and placing coir erosion control fabric over the new floodplain habitat.

Beginning in November and continuing throughout the winter, SPAWN will be planting around 6,000 native plants and grass plugs grown by the SPAWN Native Plant Nursery. Plants that will be placed near the toe of the banks of the new side channels and alcoves include stakes of arroyo and Sitka willows (*Salix lasiolepis* and *S. sitchensis*), white alders (*Alnus rhombifolia*), and a variety of sedges and juncuses. To create habitat conducive to juvenile fish and endangered California freshwater shrimp along the main stem of the creek, we'll add a diverse array of plants such as California



Turtle Island crew and community leaders celebrate opening of project—Phil Sotter

blackberry (*Rubus ursinus*), coltsfoot (*Petasites frigidus*), and giant chain fern (*Woodwardia fimbriata*).

Moving up the bank, we'll add a diverse selection of locally native plants from the riparian forest community. Tree species include box elder (*Acer negundo*), Oregon ash (*Fraxinus latifolia*), big-leaf maple (*Acer macrophyllum*), California buckeye (*Aesculus californica*), coast redwood (*Sequoia sempervirens*), California nutmeg (*Torreya californica*), and coast live oak (*Quercus agrifolia*). This winter, we will also plant understory shrubs, perennials, and groundcovers suited to the mostly sunny conditions that the site will have during the initial stages of restoration. In addition to creating habitat for fish and other aquatic species, selected plants will support habitat for all wildlife living in and near the area, including pollinators and other beneficial insects, birds, and diverse species of mammals. Restoration of the creek corridor will continue into the fall of 2019 with creation of another side channel and floodplain area adjacent to Samuel P. Taylor Park. We plan to set out more than 9,000 locally native plants between the two sites.

This project has been made possible through funding and support by members of Turtle Island Restoration Network (TIRN), the California Department of Fish and Wildlife, the California State Water Resources Control Board, the California State Coastal Conservancy, the Environmental Protection Agency, and the National Park Service.

SPAWN is a volunteer-powered organization, and all of the plants grown by the nursery were raised through the help of the organization's extensive network of volunteers. Volunteer help will be needed to outplant this large restoration site. Volunteer days will be held each Tuesday and Friday, and most Saturdays from 10 a.m.–1 p.m., except during holidays, starting in November. If you are interested in volunteering, please contact SPAWN Nursery Manager Audrey Fusco at audrey@tirn.net, and she will provide you with information about how you can help.



ZEN OF WEEDING

Habitat Restoration at Samuel P. Taylor Park
Friday, October 12 and Sunday, October 14, 1–3 p.m.
(also 11/9, 11/11, 12/9, and 12/14)

Zen Weeding has been steadily clearing weeds from the trails of Samuel P. Taylor Park since 2011. Native plants and wildflowers spring up as we pass—just like a Botticelli painting! Join us for a few hours of easy weeding as we soak up the ambiance of the redwood forest and we enjoy each other and our lovely state park. Be present for the seasonal changes from warm dusty fall to the first rains and cooler weather. Give yourself a

Zen of Weeding continued on page 5

Zen of Weeding continued from page 4

present and help restore an important forest habitat next to a special Coho Salmon stream. Thousands of people come to enjoy this park every year. Let's give them the gift of a healthy native habitat, free of invasive weeds.

We meet just before 1 p.m. at the far end of the main picnic area near the bathroom. Look for my red Honda. Bring gloves or borrow from the park supply. Wear work gear with long sleeves and pants. Get a free parking pass at the entry kiosk when you volunteer. Please reply if you are coming so that I know whom to expect.

Contact: Nancy Hanson at nphanson@comcast.net.



Dr. Bill removes invaders for a healthier forest—Harry McGrath



2018 PLANT PROPAGATION CLASS

The following class takes place at the Red Barn at the Pt. Reyes Bear Valley headquarters. The class is free, but pre-registration is required. Please RSVP to Sarah Phillips, sarah@marinrcd.org, 415.663.1170 x 302.

Plant from Pieces! Cloning and Divisions

Saturday, October 13, 10 a.m.–1 p.m.

Did you know that plants possess "totipotency"? It's just another one of nature's miracles—in that every living cell of a plant has the potential to grow all the other functional parts of a whole new plant! This method of propagation is in essence "cloning," which has advantages, but also some drawbacks.

In this class, we'll look at a number of different plant families and species to learn about specific methods and mediums, and the critical timing necessary to get the best results from cuttings. We'll also discuss the important life-support systems necessary for a cutting to grow into a self-sufficient healthy plant. And we'll practice one of the simplest methods of propagation by dividing some perennial plants. You'll learn which species respond the best to this method, and when to do it!

Instructor: Charlotte Torgovitsky

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

THIRD THURSDAY WEEDERS

Thursday, October 18, 9:30 a.m. (also 11/15 & 12/20)

Join the Third Thursday Weeders, spend a companionable day at beautiful Point Reyes, and help protect important plant habitat in the Point Reyes National Seashore! Removal of invasive plants makes way for the resurgence of native vegetation, including many uncommon and rare species.

The Weeders meet regularly on the third Thursday of every month. Over the past seven years, we have reduced 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 a dune restoration project near Abbotts Lagoon. We always 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 place, please contact Carolyn Longstreth at cklongstreth@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



Ice plant pile and view—Carolyn Longstreth



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, 2019. 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 22 on the Kentfield campus. Registration will soon open at www.marin.edu. For more information, please contact Dr. Paul da Silva at pdasilva@marin.edu.

MARIN CNPS FIELD TRIPS, FALL 2018

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 as well as binoculars and/or hand lenses, and your favorite field guides. Contact hike leaders with any questions about individual hikes.

Full plant lists for many locations are available to download at the Marin Chapter CNPS website (www.cnpsmarin.org/plant-science/plant-lists/item/6-marin-county-plant-lists). Check out our event listings at www.cnpsmarin.org/events/events-calendar.

South-facing Mt. Tam Habitats

Sunday October 7, 9 a.m.–3 p.m.

We'll observe the diverse ecology of chaparral and mixed evergreen forest on this moderately difficult 4-mile field trip. The first section is through a diverse selection of evergreen and chaparral communities. We'll discuss ecological factors such as the thin soil, large summer water deficit, fire suppression, and various adaptations of the plants found here. Among the interesting plants in chaparral are manzanitas (*Arctostaphylos* spp.), chaparral pea (*Pickeringia montana*), various ceanothus (*Ceanothus* spp.), tree poppy (*Dendromecon rigida*), chamise (*Adenostoma fasciculatum*), and yerba santa (*Eriodictyon californicum*). After lunch, we'll descend on the Nora and Matt Davis trails, passing through gradients of chaparral and mixed evergreen forests. Additional plants we expect to see are interior live oak (*Quercus wislizenii*), Douglas fir (*Pseudotsuga menziesii* var. *menziesii*), coast redwood (*Sequoia sempervirens*), madrone (*Arbutus menziesii*), toyon, (*Heteromeles arbutifolia*), California bay (*Umbellularia californica*), bush chinquapin (*Chrysolepis chrysophylla* var. *minor*) chain fern (*Woodwardia fimbriata*), moss- and lichen-covered rocks and tree trunks, and chaparral. Throughout this field trip there are spectacular views.

We'll meet at the parking lot across the street from the Mountain Home Inn, 810 Panoramic Highway, Mill Valley. There are restrooms at this parking lot. Bring plenty of water, lunch, a hat, and hiking poles, if you use them. The first 2.6 miles ascend 650 feet and are mostly in the open. The way down is mostly shaded.

Leader: Susan Schlosser, scschlosser52@gmail.com.

Jepson-Johnstone Loop—Tomales Bay St. Park

Sunday, November 11, 10 a.m.–2 p.m.

Tomales Bay State Park has botanical treasures any time of the year. The Jepson-Johnstone Trail will

take us through the Zen-like bishop pine forest and mixed hardwoods to ledum swamps, decomposed granite beaches, and a small freshwater wetland. We'll have lunch at a beautiful secluded beach. The 4-mile loop trail is mostly in the shade with plenty of birds, shrubs, and berries.

Meet at the small, unmarked parking area near the top of the Jepson Trail, which is located just south of the entrance to Tomales Bay State Park on Pierce Point Road. To get there from central Marin, go out Sir Francis Drake Blvd. several miles past Inverness. At the fork in the road, bear right onto Pierce Point Road, and go approximately one mile to the parking area. If you see the entrance sign to Tomales Bay State Park, you've gone too far. Turn around and go back 200 yards.

Leader: Carolyn Longstreth, cklongstreth@gmail.com.



ANNUAL MEMBER APPRECIATION EVENT

Friday, November 2, 5:30–7:30 p.m.

Please join us for our annual member appreciation event at the Falkirk Cultural Center, 1408 Mission Avenue in San Rafael. It's an informal gathering for members and friends—an opportunity to get to know your fellow plant lovers in Marin, to catch up on what our chapter has been doing, and to find out what's planned for the coming year. Beer, wine, and light refreshments will be served. This is our chance to thank you so please join us!

Parking is available along the driveway to the mansion. (You can enter between stone pillars.) The front section of the parking lot at Mission and E Street will also be available. (The back section is for permit holders only.) Parking is also available in the City Hall lot across Mission Avenue or on the street.



Guests mingle at last year's membership event—Laura Lovett

MARIN CHAPTER FALL NATIVE PLANT SALE

Saturday, October 20, 9 a.m.–1 p.m.

Location: Falkirk Cultural Center, 1408 Mission Ave., San Rafael (across from the San Rafael Public Library)



Entry to the plant sale in the Falkirk gardens—Laura Lovett

This fall we will be holding our plant sale in the habitat garden next to the greenhouse on the grounds of the handsome and historic Falkirk Mansion in San Rafael. The Marin Master Gardeners co-sponsor the sale and provide enthusiastic assistance.

Among the many plants we will have for sale are a wide variety of salvias, perfect for the hummers; a selection of ceanothus species and cultivars, great for insects and insect-eating birds; and berry-producing shrubs to provide for resident and migratory birds. We'll also have a selection of prolific seed-producing plants to keep the finches and sparrows happy. And we'll have plenty of native milkweeds for the monarchs—everyone wants these beauties in their garden!

At 10:30 a.m., Charlotte Torgovitsky will talk about "Providing Resources for the Birds in Your Garden." She'll identify the plants we are offering that provide birds with food during migrations in spring and fall, and how to create the right conditions in your garden to lure our avian friends to linger.

Please volunteer: Friday, October 19, 11 a.m.–4 p.m. and on Saturday for the sale. Contact Volunteer Coordinator Stacey Pogorzelski at staceypogo@gmail.com (preferred) or call 415.314.5801.

We need your help for plant pricing and other pre-sale preparations, as well as for a variety of functions on the day of the sale: displaying plants, assisting customers with advice and carry-out, cashiering, refreshments, and take-down. Helpers with brawn will be especially welcome for transporting, setting up, and taking down tables

and canopies. Volunteers are promised a free plant, good company, and further education!

Parking: Volunteers and customers are welcome to park along the driveway that passes in front of the mansion, or in the main parking lot at Mission and E St., where there is 2-hour parking in the front section. You may also park in the City Hall lot across Mission Ave. from Falkirk.

Please contact the plant sale co-chairs with questions or to volunteer: Charlotte Torgovitsky 415.892.9148/torgovitsky@comcast.net or Kristin Jakob 415.388.1844/kristinjacob@att.net.



PLANT OF THE MONTH

Orobanche species in California are now in genus *Aphyllon*

Text by Doreen Smith

The parasitic broomrapes now leave genus *Orobanche* and become genus *Aphyllon* in the latest treatment by Adam Schneider and Alison Colwell. Yet another change of taxonomy, but maybe this time not of any of our favorite plants, like the now replaced genera *Zauschneria*, *Boschniakia*, and *Dodecatheon*. Mentioned as *Orobanche californica* ssp. *californica* on page 357 in J.T. Howell's *Marin Flora* of 2007, these plants are now *Aphyllon californicum* ssp. *californicum*.

All species of broomrape are dependent for their nutrition on host plants, here the coastal populations of *Grindelia stricta*. The uncommon but large inflorescences of *Aphyllon californicum* can be discovered on Pt. Reyes from June until October. This specimen was growing by the east end of the North Beach entrance road. Other easily accessed spots for finding some of these always leafless purple clusters of flowers are on the traffic islands in the South Beach parking lot and on the seaward-facing parts of the tip of Chimney Rock peninsula.



Aphyllon californicum ssp. *californicum*—Vernon Smith

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:

- | | |
|--|---------|
| <input type="checkbox"/> Mariposa Lily | \$1,500 |
| <input type="checkbox"/> Benefactor | \$600 |
| <input type="checkbox"/> Patron | \$300 |
| <input type="checkbox"/> Plant Lover | \$100 |
| <input type="checkbox"/> Family, Group, or Library | \$75 |
| <input type="checkbox"/> Individual | \$45 |
| <input type="checkbox"/> 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: Marin CNPS, 58 Redwood Dr., Kentfield, CA 94904.

Newsletter Subscription only \$10

NOVATO ISLAND HABITATS

Saturday, October 20, 10 a.m.–2 p.m.
(also 11/17 & 12/15)

Come to Novato and help build and maintain native habitat in unique settings. In 2009 and 2014, several large traffic islands were landscaped with 95% California native and other drought-resistant plants. These sites now support a variety of birds, insects, pollinators, and small mammals, while connecting local habitat corridors. We do basic weeding and maintenance. Ongoing weeding and maintenance continues in preparation for fall planting. Join us to support this growing trend of using native plants in otherwise wasted space.

We meet the third Saturday of each month at the entrance to Pacheco Valle (Alameda del Prado exit) or Redwood Blvd./DeLong Ave. (DeLong exit).

Gloves and tools available, or if you prefer, bring your own. For more information and directions to the site for that day contact: Marcia Basalla at 415.897.7124 or marciabasalla@hotmail.com.



FALL PLANT ID WORKSHOPS AT SFSU

Second Thursdays, 6–7:30 p.m.

The fall semester will bring us four exciting workshops on the second Thursday of the month. If you are searching for a fascinating way to spend an hour and a half once a month studying botany, this is the place. We learn about plants, observe their distinguishing characteristics, and usually dissect them. Botany graduate students give us a brief but informative Powerpoint lecture on the plant family under discussion and then help us to key out the plants that have been selected for that evening's workshop. Join us from 6–7:30 p.m. on October 11, November 8, and December 13. Please bring the *Jepson Manual*, 2nd edition, if you have one.

Location: San Francisco State University, Hensill Hall, Botany Lab, Room 440.

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



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, visit the CNPS Marin website at www.cnpsmarin.org and provide your email address in the "Sign up for our E-Bulletin" section of the home page.

BOARD NEWS

Welcome Back, Wendy!

This August, the CNPS Marin board voted to sponsor Wendy Dreskin's popular Junior Botanist program, which Wendy launched in 1997 while she served as Education chair of the chapter. Through the program, Marin elementary school students learn to identify a wide array of local native plants, and receive a certificate upon completion.

MARIN CNPS CONTACTS

Board Members

Kristin Jakob, Co-Vice President
David Long, Co-Vice President
Katherine Wing, Treasurer
Ashley Eastman Dumbra, Recording Secretary
Charlotte Torgovitsky
Laura Lovett
Paul da Silva
Carolyn Longstreth
Rob Katz
Eddie Robertson
David Greenberger

Committee Chairs

Chapter Council Delegate: David Long
Chapter Programs: Kristin Jakob
Education: Paul da Silva
Field Trips: Carolyn Longstreth
and Susan Schlosser
Conservation; Invasive Species: 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: Rob Katz
Communications: Laura Lovett
Publicity: Alison Blume
Membership: Eddie Robertson
Legislation: open
PlantID.net: Bruce Homer-Smith
Marin CNPS Website: Vernon Smith

Other Useful Contacts

Marin Flora mail orders: Vivian Mazur
Marin Flora wholesale sales: Bonnie Gosliner
Book Sales: Jane Medley
Poster Sales: Gerd Jakob
Newsletter Editor: Krista Fechner
Newsletter Mailing: Paul Kryloff

Board contact information has been removed from the online version of this newsletter.

Chapter Elections

In mid-October, all chapter members will be sent, by mail or email, the slate of officers for 2019. This slate will be voted on at the November membership meeting, where a quorum consisting of 10% of the chapter membership must be present, so please attend!

SHOP & SAVE AT GREEN JEANS GARDEN SUPPLY

Family-run Green Jeans Garden Supply in Mill Valley offers a 10% discount to card-carrying members of CNPS! The nursery is located at 690 Redwood Hwy, the east-side frontage road alongside Hwy 101, south of the Strawberry Shopping Center.



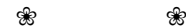
NEWSLETTER AVAILABLE ONLINE!

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



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.



SHOP & GIVE TO CNPS MARIN AT MILL VALLEY MARKET

Family-run Mill Valley Market gives 2% of your total receipt to CNPS Marin. No registration necessary, no membership card, no overhead; just mention the donation code #7048 at the beginning of the transaction to benefit native plants!

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 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

2018 ONE TAM SCIENCE SUMMIT

Into the Woods: Mt. Tam's Forests in a Changing Environment

Friday, October 5, 9 a.m.–5 p.m.

Marin CNPS is one of the sponsors of this summit, where scientists and naturalists will discuss Mt. Tam's forest systems and how they are changing.

- Look at Mt. Tam's redwood forests, oak woodlands, and conifer forests through multiple angles, including their ecology, wildlife, and resiliency.
- Learn how forests are affected by regional changes in climate, fire regimes, and disease.
- Take a close look at the tanoak, a common element of our region's landscapes, but very rich in natural and cultural history.
- Explore Mt. Tam's health, with a spotlight on grasslands, serpentine flora, weed management, and vegetation mapping.

Location: Mill Valley Community Center, 180 Camino Alto, Mill Valley.

Ticket includes lunch and a wine and cheese reception following the event. For more details and to register, visit www.onetam.org/2018-one-tam-science-summit.