



# California Native Plant Society

## MARIN CHAPTER NEWSLETTER

*Tiburon Mariposa Lily (Calochortus tiburonensis)*

*Marin Chapter established 1973*

### **Monday, June 14, Marin Chapter Meeting** **“Rare Plants of the GGNRA and Rediscovery of Franciscan Manzanita” by guest speaker Michael Chassé**

Nearly 50 rare plant species can be found within the protected lands of the Golden Gate National Recreation Area. Of course, finding them is not always easy and can often be an adventure! Michael Chassé of the National Park Service will share his experiences hunting for rare plant treasures with community volunteers throughout Marin, San Francisco, and San Mateo Counties. In addition, Michael will provide some of the inside story on the recent discovery and conservation of the Franciscan manzanita (*Arctostaphylos franciscana*), a species thought to have been extinct in the wild since 1947.

Michael Chassé is an ecologist with the National Park Service at the Golden Gate National Recreation Area. He has been involved with community-based ecological stewardship and the monitoring of rare plants for over 14 years. Michael is also a graduate student in the Department of Geography & Human Environmental Studies at San Francisco State University. His research is focused on the restoration of San Francisco’s endemic manzanitas.

June meeting:

**5:45 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 as well as after the meeting. Lecture starts at 8 p.m.



Michael Chassé by Sam Jones

## GGNRA RARE PLANT MONITORING

Rare plant monitoring programs in the Golden Gate National Recreation Area (GGNRA) need volunteers. Help gather crucial data on rare plant populations in the GGNRA while enjoying some of the most spectacular areas of the park.

Summer is quickly approaching, and our monitoring will soon turn to dune habitats, marshes, and forest understory habitats. For dates with two times, you can sign up for one or both slots. All dates, times, and locations subject to change.

Monitoring sessions are limited to 20 participants, so please RSVP at least two days in advance by calling (415) 561-2857 or sending an email to Michael Chassé at michael\_chasse@nps.gov.

### **Thursday, June 3, 9 a.m.–3 p.m.**

**Location:** Fort Funston (meet at the Fort Funston Nursery).

**Target species:** *Gilia capitata* ssp. *chamissonis*, *Chorizanthe cuspidata* var. *cuspidata*, *Silene verecunda* ssp. *verecunda*.

### **Thursday, June 17, 9 a.m.–12 p.m./1 p.m.–4 p.m.**

**Location:** Lobos Dunes, Presidio (meet at the Lobos Valley parking lot near 25<sup>th</sup> Ave.)

**Target species:** *Lessingia germanorum* and other rare dune annuals.

### **Thursday, June 24, 9 a.m.–12 p.m./1 p.m.–4 p.m.**

**Location:** Lobos Dunes, Presidio (meet at the Lobos Valley parking lot near 25<sup>th</sup> Ave.)

**Target species:** *Lessingia germanorum* and other rare dune annuals.

### **Thursday, July 1, 9 a.m.–12 p.m./1 p.m.–4 p.m.**

**Location:** Lobos Dunes, Presidio (meet at the Lobos Valley parking lot near 25<sup>th</sup> Ave.)

**Target species:** *Lessingia germanorum* and other rare dune annuals.

### **Thursday, July 8, 9 a.m.–3 p.m.**

**Location:** Marin Muir Woods, Muir Woods National Monument entrance.

**Target species:** *Elymus californicus*.

### **Thursday, July 15, 9 a.m.–12 p.m./1 p.m.–4 p.m.**

**Location:** The Presidio (meet at the Presidio Natural Resources office, 1216 Ralston Ave.)

**Target species:** *Cirsium andrewsii*, *Cordylanthus maritimus* var. *palustris*.

## CALENDAR OF EVENTS

### \* **Friday 6/4, 9 a.m.–2 p.m.**

Chapter Field Trip: Mount Tam Double Bowknot and Gnomes

### \* **Saturday 6/12, 4 p.m.–8 p.m.**

Chapter Field Trip: Silhouettes on Bald Hill

### \* **Sunday 6/13, 10 a.m.–2 p.m.**

Chapter Field Trip: Ring Mountain Open Space Preserve

### \* **Monday 6/14, 7:30–9:30 p.m.**

Marin Chapter Meeting: Michael Chassé on “Rare Plants of the GGNRA and Rediscovery of Franciscan Manzanita”

### \* **Saturday 7/31, 10 a.m.–2 p.m.**

Chapter Field Trip: Lagunitas Lake Loop

### \* **Monday 8/2, 10:30 a.m.**

Marin Chapter Board Meeting in Inverness

### \* **Sunday 8/22, 10 a.m.–3 p.m.**

Chapter Field Trip: Tomales Bay State Park, Jepson Loop



## APRIL IN MY WOODLANDS

by Charlotte Torgovitsky

A break in the April showers lets brilliant sunshine bathe the hillsides for a few passing moments, and then the winds ruffle the tops of the live oaks again as another squall moves through. It passes by without raining, but looming gray clouds remain over Big Rock Ridge to the south. This storm is from the northwest, moving in towards the bay along the Novato Creek wetlands at the base of our hill; this morning's shower brought two tenths of an inch, but now the sun is out again, warming our oak-studded hillside.

The next day everything has dried out a bit and I'm out wandering my woodlands again, on a mission. My search is for linear seed pods arranged in a spiral pattern up at the top of a 10- to 12-inch stem; this is a distinctive pattern of the mustard family (Brassicaceae), no matter what the shape of the seed pod. The flowers are racemose, opening first at the bottom of the stem, and so the siliques mature in this same order. The fresh green of new pods fades slowly, and as they do, the dark spots of the enclosed ripening seed become apparent. I want to spot them before the outside walls fall away, and the seeds dislodge from the central interior partition. Sometimes I'll take a few pods just as they start to mature; the ripening process continues on, safe in my container.

*April in My Woodlands continued on page 3*

From December on, these dainty white flowers, sometimes blushed pink, are easy to spot as they light up the edges and sun-flecks in the woodlands. *Cardamine californica*'s four-petaled flowers start blooming a month or so after the first rains; our first wildflower, and my first seed-collecting subject of the new year. Sometimes I gather tiny bouquets for the holiday table; the warmth of the house brings out a fragrance from these lovely flowers—slightly sweet, shy, and innocent—sometimes called rainbells, but I prefer milk maids, since they are, after all, rising before anyone else!

I gather flowers as carefully as I collect seed; always remembering that this is a source of food for various creatures. The flowers provide both pollen and nectar before much else is blooming; and seeds, of course, are nutritious food for both birds and insects, as well as a means of ensuring the survival and distribution of the species. I gather seed only when conditions are dry, and always over time and space. I take just one or two siliques, as they ripen, from a lot of different plants throughout our woodland. A basic rule of thumb when collecting is: when you see more than 10, take only one in 10; if you see just nine, take none.

I collect into paper envelopes, and then empty the contents into small bowls at home. Here the seed is allowed to dry thoroughly before I separate the seeds from the vegetative parts. Then the cleaned, dry seed is stored in jars in a cool dark cabinet. I've learned not to rely on my memory; all seed is labeled, from the moment it's first collected!

Milk maids are a perennial forb—shortly after the first rains, large reniform leaves appear. The books say to expect just one leaf, but I've seen as many as three, emanating from a central fleshy rootstock. The former genus name, *Dentaria*, refers to this oddly shaped root, which is sometimes toothed or horned. The leaf petiole is often quite long, as it's had to wander a bit in finding its way up from under the protective layer of duff. The leaves that appear on the flowering stalks are mostly pinnate, with three sets of linear leaves; with all these rains, some plants have set multiple flower stalks. I've dug a few plants from the edges of deer trails through the woodlands, first carefully pulling grass seedlings and the duff to get to the soil the plant is growing in. These have been planted into four-inch pots; growing happily in the nursery, and flowering prolifically in captivity! The trick now is to assure the dry rest period that the plants would get in the wild.

In early March I started to collect milk maid seed here in Novato; just a few plants had flowers still blooming at the top of the stalk. In mid-April, while hiking out at Pt. Reyes, the milk maids were still growing lushly, in full glorious bloom, and the veined whites were flying! This is a butterfly of dappled light and shade, which

prefers a mixed forest, so I never see the veined whites in my Novato woodlands! This small white butterfly (*Pieris napi*) uses *Cardamine californica* and other native members of the Brassicaceae as its larval host. At first glance, it looks a lot like the common cabbage white (*Pieris rapae*), which was introduced to the Americas on cabbage crops in the 1800s, and is a butterfly of open, sunny spaces. If you can get a closer look at the veined white, you will see a delicate veined pattern, grayish on a white background; in the mountains, the female of another small white butterfly (the pine white) has this same veined pattern, but edged with red on the hind wings; very pretty!

The white coloration is a warning color for would-be predators; these butterflies taste awful because they have evolved a neat trick of creating the white color from a metabolic waste product called pterin. This substance is very similar to uric acid, the white stuff in bird droppings. The mustard family plants that the larvae feed on contain sulfur compounds that add to the disagreeable taste, offering some protection to both the immature and adult stages of this lovely little creature.

I'm still out wandering the woodlands, but now all I seem to see are the starry heads that form as the petals of the buttercups fall away. Seeds of *Ranunculus californica* are just starting to ripen; they're next on my list!

**Note:** Seed collection on public lands is not permitted without permission of the land manager, and is not sanctioned by the California Native Plant Society.

Milk maids (*Cardamine californica*) © Constance Goddard



# JUNE–AUGUST 2010 NATIVE PLANT WALKS

## Marin Chapter Field Trip News and Policies

Make some seedy pals with the Marin chapter of the California Native Plant Society. All hikes are free and open to the public, so please invite your friends. Beginning plant enthusiasts welcome on all hikes.

Come prepared for any type of weather or conditions, dress in layers, have non-slip footwear, and bring rain/wind protection just in case. Although it may be sunny and warm when you leave home, the weather could be cold and foggy when we reach our destination. Bring lunch and plenty of water, binoculars and/or hand lenses, and your favorite field guides. Contact Brad Kelley, Field Trip Coordinator, at [fieldtrips@bradkelley.org](mailto:fieldtrips@bradkelley.org), for trip requests or suggestions. Contact hike Leaders with any questions about individual hikes.

## Field Trip Plant Lists

Plant lists compiled by Marin CNPS for many Marin localities are available on the Marin Chapter CNPS website at <http://www.marin.edu/cnps>.

## Mount Tam Double Bowknot and Gnomes

**Friday, June 4, 9 a.m.–2 p.m.**

What is the Double Bowknot and for that matter, what the heck is a gnome plant? Doreen will tell us about the former and, with luck, we'll find the latter and be amazed! We'll hope to see the parasitic *Hemitomes congestum*, *Lotus junceus*, various chaparral shrubs, and maybe the rare *Horkelia tenuiloba*. All with beautiful views the Marin Headlands, the Golden Gate and the City. Park at the Mountain Home Inn lot or along the Gravity Car Grade fire road's beginning—that is the unpaved site east of the Panoramic Highway—just past the Inn. Meet at the parking lot west of the Inn.

**Leader:** Doreen Smith, [dsmith@lvha.net](mailto:dsmith@lvha.net) or (415) 479-7888.

## Silhouettes on Bald Hill

**Saturday, June 12, 4 p.m.–8 p.m.**

The hike up to the top of Bald Hill is strenuous but rewarding. The goal is to reach the top of Mt. Baldy, to enjoy the views, and try to figure out what trees are silhouetted against the hills. On the way down, we will take a closer look at trees and shrubs. The spring show of wildflowers is mostly over, but there are still some great natives out there, so come along and get acquainted with the natives and CNPS.

This hike is especially suited for beginning plant enthusiasts. Meet at Deer Park at the end of Porteus Rd. in Fairfax.

**Leader:** Dabney Smith, (415) 320-9229.

## Ring Mountain Open Space Preserve

**Sunday, June 13, 10 a.m.–2 p.m.**

Ring Mountain is a botanical jewel of Marin County, with many unusual plants, the main attraction being the Tiburon mariposa lily. This extremely rare flower, first discovered about 40 years ago, grows in a small area on this preserve and nowhere else in the world. We'll view it and many other beautiful serpentine wildflowers on this three-mile, moderately easy hike. Meet at the Paradise Dr. entrance to the Preserve (Phyllis Ellman trailhead), about two miles from Highway 101.

**Leader:** Eva Buxton, (415) 435-2745, [evabuxton@sbcglobal.net](mailto:evabuxton@sbcglobal.net).

## Lagunitas Lake Loop

**Saturday, July 31, 10 a.m.–2 p.m.**

Take a walk on the mild side. Join the California Native Plant Society for a stroll around Lake Lagunitas. We will look at native trees, shrubs, and perhaps some succulents. If there is an interest, we will walk the Pilot Knob trail for views, and a look at an old growth redwood tree. This hike is especially suitable for beginners. Meet at the Lagunitas Lake parking lot. Parking fee.

**Leader:** Dabney Smith, (415) 320-9229.

## Tomales Bay State Park, Jepson Loop

**Sunday, August 22, 10 a.m.–3 p.m.**

Tomales Bay State Park has botanical treasures any time of the year. We'll go from the Zen-like environment of the bishop pine forest through mixed hardwoods to ledum swamps and decomposed granite beaches along the bay. The four-mile hike is mostly in shade with plenty of birds, shrubs, and berries.

Meet at the Jepson Trailhead parking lot about one quarter mile on Pierce Point Rd. before the main entrance to the state park.

**Leader:** Brad Kelley, [fieldtrips@bradkelley.org](mailto:fieldtrips@bradkelley.org).

## OPEN SPACE DISTRICT HIKES

For information, visit the Marin County Open Space District website at [http://www.co.marin.ca.us/depts/PK/Main/mcosd/os\\_walks.asp](http://www.co.marin.ca.us/depts/PK/Main/mcosd/os_walks.asp) or contact David Herlocker at (415) 499-3647.



## CHAPTER NEWSLETTER AVAILABLE ONLINE!

You can find a color PDF edition of this newsletter on the Marin chapter website by visiting [www.marin.edu/cnps/newsletters.html](http://www.marin.edu/cnps/newsletters.html).

# RARE PLANT OF THE MONTH

Text and photos by Doreen Smith

When it comes to the bristly jewelflowers (*Streptanthus glandulosus* complex), the lumpers have it!

All Marin specimens of *Streptanthus* (except *S. batrachopus*) are now going to be put into subspecies of *Streptanthus glandulosus*, even *S. niger*. The variation in the form and color of the leaves and flowers from different populations is extensive and not all professional taxonomists who specialize in the genus agree with this latest treatment for the new edition of the *Jepson Manual*.



Jewelflower from Nicasio Ridge (*Streptanthus glandulosus*)

Recently re-discovered is the population of *Streptanthus glandulosus* on the Ignacio side of Big Rock Ridge near the end of Fairway Drive that some have determined to be ssp. *pulchellus*, others ssp. *secundus*. Either way, it is a very fine form of the plant. Another anomalous population is on the top of Nicasio Ridge on serpentine. It seems to have features in common with the Santa Clara population of *S. glandulosus* ssp. *peramoenus*.



Jewelflower from Fairway Drive (*Streptanthus glandulosus*)



## MARIN CHAPTER BOARD MEETING

**Monday, August 2, 10:30 a.m.**

The August board meeting will take place at the Inverness home of Gini and Dick Havel, at 60 Woodhaven Rd. There will be a meeting at 10:30 a.m., followed by a potluck lunch at 12:30 p.m. Bring a dish and beverage to share, and please RSVP to Stacey Pogorzelski at (415) 789-0475 or [spilogales@hotmail.com](mailto:spilogales@hotmail.com) if you plan to attend, so the Havels can be told how many people to expect.

Directions: Take Sir Francis Drake Blvd. past Inverness Park, and through Inverness. One mile west of Inverness you will pass the Boatel and Barnaby's Restaurant. Take the next left, Pinehill Rd., go uphill and take the first left, Kehoe, one block, then turn left onto Woodhaven Rd. Number 60 is the first driveway on the left. The lunch and meeting will take place in the guest house to the left (west) of the main house as you approach. Main house telephone: (415) 669-7315, guest house telephone: (415) 669-7310.

# LECTURES, WORKSHOPS, AND SYMPOSIA

## Jepson Herbarium Weekend Workshops, 2010

These public programs, supported by The Friends of the Jepson Herbarium, are designed to provide members of the systematics, ecological, and conservation communities access to specialists in their field of study. The following workshops in the series are still available. Unless otherwise specified, workshops are held at UC Berkeley.

- **June 3–6:** Rare Flora of the Kings River Canyon (Workshop full—waiting list only)
- **June 12–13:** Definitions and Methods for Identification and Delineation of California Wetlands (Postponed until 2011)
- **July 28–August 1:** Flora and Ecology of the Steens Mountains (Fish Lake Campground, Harney County, Oregon)—Donald Mansfield and Richard Miller
- **August 4–8:** Backpacking in the Alpine and Subalpine of Yosemite National Park: A Flora of Lyell Canyon in Four Days (Workshop full—waiting list only)
- **August 12–15:** Carex (SNARL Field Station, Mammoth Lakes)—Peter Zika
- **September 13–23:** Ferns of Hawai'i (Kaua'i: Koke'e State Park CCC Camp; Hawai'i: Volcano Inn)—Alan Smith

For more information on the workshops, or to register, please consult <http://ucjeps.berkeley.edu/workshops>, call (510) 643-7008, or email [jepsonworkshops@berkeley.edu](mailto:jepsonworkshops@berkeley.edu).

## CNPS Workshops and Professional Training

The Plant Science Training Program specializes in providing workshops for professional botanists, biologists, and ecologists to teach the skills and provide the tools and resources for conducting sound scientific surveys for rare plants, rare plant communities, vegetation, wetlands, and invasive plants. Discounted registration fees are offered to CNPS Members.

### **June 1-3: Wetlands Plants and Ecosystems**

First evening presentation followed by two field days interspersed with lab identification exercises. California is rich in wetland ecosystems. They are found across all geographic regions of the state where a combination of topography and hydrology result in saturated conditions at least part of the year. The valleys and rugged terrain of eastern Mendocino County are an ideal location for the study of wetland systems commonly found across the state. These include perennial streams, ponds, and marshes, as well as small intermittent tributary streams, vernal pools, seeps, and springs. This workshop will include

field trips to the Hopland Field Station and Little Lake Valley north of Willits to observe plant communities and soil characteristics of different wetland types, and the influences of topography and hydrology. Plants of the sedge (Cyperaceae), rush (Juncaceae), and grass (Poaceae) families are well represented in this region and will be the focus of the class. Participants will have the opportunity to identify difficult plants during scheduled day and evening lab sessions.

**Instructors:** Kerry Heise, Gerri Hulse-Stephens, Joel Butterworth

**Cost:** CNPS Members (\$310) | Non-members (\$335)

### **June 15-17: Treasures in an Ancient Landscape: Rare Plants of the Eastern Klamath Ranges**

First evening presentation followed by two field days. This field-based workshop will focus on regional endemics of the Eddys, Scott, and Trinity Mountains, within the triangle circumscribed by the towns of Redding, Mt. Shasta, and Weaverville. This landscape is not only geologically and topographically complex, but is also very old. We will see many rare plants that are confined to ultramafic ("serpentine") substrates, and will also see rare plants that are generalists. Habitats we will visit include Jeffrey pine/incense cedar woodlands, mixed conifer-oak forests, extensive rock outcrops, and *Darlingtonia* wetlands.

**Instructors:** Jim Nelson and Julie Nelson

**Cost:** CNPS Members (\$310) | Non-members (\$335)

### **September 2010 (TBA): Vegetation Mapping**

Three-day combination of lecture/lab/field exercises. Participants will learn about vegetation sampling, classification, and photo interpretation in this hands-on workshop presented jointly by CNPS, the California Department of Fish and Game, and Aerial Information Services. In field and computer lab exercises, you will practice creating a vegetation map using Geographic Information Systems, collect reconnaissance samples to support the second edition of a *Manual of California Vegetation* classification, and practice techniques of photo interpretation, delineation, and attribution. You will also learn how to validate a vegetation map through accuracy assessment.

**Instructors:** Todd Keeler-Wolf, Julie Evens

Price and location for this workshop are still pending. Check back soon for details.

### **September 28-30: Legends of the Fall—Exploring the Clandestine Flora of Early Fall in the Eastern Mojave Desert**

Evening lecture on 28<sup>th</sup>, followed by two days in field and a second evening lecture. Few botanists journey out in the late summer or early fall in search of

*Lecture/workshop information continued on page 7*

Lecture/workshop information continued from page 6

colorful blooms of California's desert plants. Yet the early fall bloom in the eastern Mojave Desert can be more reliable than the more popular spring blooms. Approximately 10 percent of eastern Mojave annuals are considered "summer annuals," species that germinate following the monsoonal cloudbursts of summer, grow rapidly, and complete the life cycle before temperatures decline sharply in fall. In addition, many perennial species flower in early fall, particularly those of the Asteraceae, Poaceae, and Polygonaceae. This course will introduce botanists to the ecology and taxonomy of the diverse flora of early fall in the eastern Mojave Desert, with special emphasis on rare or unique species.

**Location:** UC Granite Mountains Desert Research Center

**Instructors:** Jim Andre and Tasha LaDoux

**Cost:** CNPS Members (\$435) | Non-members (\$460)

For detailed course descriptions, registration forms, and workshops for the rest of 2010, visit <http://cnps.org/cnps/education/workshops>.

If you have further questions after visiting the website, contact Josie Crawford at [jcrawford@cnps.org](mailto:jcrawford@cnps.org) or (916) 447-2677 ext. 205.



## SPAWN PROGRAMS

### Creek Restoration

**Every Saturday, 10 a.m.–1 p.m.**

Join us for some fun work out along the creeks. Learn about Marin's salmon populations, how to ID native plants and birds, and gather with a great group of volunteers! No restoration on June 12.

If you need any more information or want to join a nursery workday, please contact [blaine@tirn.net](mailto:blaine@tirn.net) or [jodie@tirn.net](mailto:jodie@tirn.net).

What to bring: Protective clothing (rain gear), work gloves, sturdy shoes, water, and snacks.

### SPAWN's Native Plant Nursery

**Every Friday and Saturday, 10 a.m.–1 p.m.**

Join us to prepare seeds and sow and tend native plants we are growing in our watershed nursery for local stream restoration projects. We will work with over 40 different species, including maples, oaks, hazelnuts, all kinds of berries, ferns, willows, dogwoods, and redwoods.

Workdays range from cold wintery days to hot summer days...so come prepared with appropriate clothing, snacks, and water.

All training provided. First-time volunteers are required to RSVP. To sign up and to receive directions to our nursery in Lagunitas, please email Blaine Vossler at [blaine@tirn.net](mailto:blaine@tirn.net) or call (415) 663-8590 x118.

## Headwaters to Sea Professional Development for Educators—Free Training Workshop Series

**July 12-16**

NOAA Bay-Watershed Education Training (B-WET) partners with SPAWN (Salmon Protection and Watershed Network) to provide a series of classroom and field activities highlighting ways to incorporate coho salmon conservation and ocean ecology into all aspects of your education programs.

Salmon provide a critical connection between the oceans and inland watershed health, and our land use practices at school and at home affect this vital connection. SPAWN staff and expert guests will detail the pedagogy of a meaningful watershed experience and participants will gain the tools and skills to provide their students a meaningful watershed experience with SPAWN.

Contact Carrie Sendak for details at (415) 663-8590 x109.



## BOARD NEWS

### Plant Advocacy Group Forming!

Are you interested in getting involved in protecting our native flora and fauna? Many decisions are made by our cities, counties, state, and nation that impact our native plants. Being involved could entail writing letters, making calls to legislators, or speaking at county board meetings. This group was the idea of Joe Kohn, and we are hoping some members will be interested in carrying his idea forward! To learn more about how to get involved, contact Stacey Pogorzelski at (415) 789-0475 or [spilogales@hotmail.com](mailto:spilogales@hotmail.com).

### Book Transportation Still Needed

Many thanks to Doyleen McMurtry, who is helping Daniel Kushner with book sales at our meetings! We could still use some help transporting the books between the membership meetings and where they are housed in Mill Valley.

Please contact Kristin Jakob at (415) 388-1844 or [kristinjacob@pacbell.net](mailto:kristinjacob@pacbell.net) if you have questions or may be able to help.

## MEET OUR NEW FIELD TRIP COORDINATOR—BRAD KELLEY

Brad was born and raised in Illinois but has lived in California for over 35 years. He lives in Fairfax and worked for San Rafael Schools for 30 years, the last 10 years or so as a Systems Analyst. His lifelong interest in plants was increased when attending Bob Stewart’s Open Space trips, Native Plant Society field trips, and Doreen Smith’s classes at the College of Marin.

Brad retired about two years ago and has been able to vastly expand his general nature interests as well as specific interests in California native plants and native orchids, photography, geology, mushrooms, and camping. Brad says, “We live in a paradise!” He looks forward to helping our Field Trip program grow!



Brad Kelley by Sam Jones

### Board of Directors

Position	Name
Acting President	Stacey Pogorzelski
Acting Vice President	Jolie Egert
Program Chair	Kristin Jakob
Program Co-Chair	Open—Volunteer Needed
Chapter Council Delegate	Carolyn Longstreth
Alternate Chapter Council Delegate	Open—Volunteer Needed
Secretary	Open—Volunteer Needed
Treasurer	Daniel Kushner
Book Sales	Doyleen McMurtry
Conservation Co-Chair	Eva Buxton
Conservation Co-Chair	Open—Volunteer Needed
Education	Paul da Silva
Field Trips Coordinator	Brad Kelley
Gardening with Natives Chair	Renee Fittinghoff
Historian	Vivian Mazur
Hospitality Chair	Open—Volunteer Needed
Invasives Chair	Charlotte Torgovitsky
Legislation	Phyllis Faber
<i>Marin Flora</i> Project	Wilma Follette
Membership	Ashley Ratcliffe
Native Plant Advocacy Committee Chair	Open—Volunteer Needed
Newsletter Editor	Krista Fechner
Newsletter Folding/Mailing	Paul Kryloff
Plant Sale Co-Chair	Kristin Jakob
Plant Sale Co-Chair	Renee Fittinghoff
Poster Sales	Gerd Jakob
Publicity	Jolie Egert
Rare Plant Coordinator	Doreen Smith
Website	Mary Stevens
Member at Large	Carolyn Caldwell-White
Member at Large	Gini Havel
Member at Large	Dabney Smith
Member at Large	Carol Weiske

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

# CNPS MEMBERSHIP/DONATIONS

The mission of 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 includes informative publications, field trips, monthly programs, and discounts on books and posters. Also included are *Fremontia* (a quarterly journal with articles on all aspects of native plants), the *Bulletin* (a quarterly statewide report of activities and schedules), and the chapter newsletter. Please call the membership chairperson for more information.

### 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](http://www.cnps.org) and click **Join/Renew**.

### Joint 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: Daniel Kushner, 201 Ross St., San Rafael, CA 94901.

Newsletter Subscription only              \$10

## Tax-Deductible Contributions

Tax-deductible contributions to the Marin Chapter are always welcome, either as memorial or honorarium donations or regular contributions. You may designate your contribution for a specific purpose of your choice. Unless otherwise designated, all contributions will be placed in the general fund, which will enable the Chapter to extend our efforts to additional plant-related issues. Our regular, ongoing program and operating expenses are largely covered by our plant sales and book and poster sales.

A contribution of \$\_\_\_\_\_ is made in honor of:

\_\_\_\_\_

Contribution designated for:

\_\_\_\_\_

From:

Name \_\_\_\_\_

Address \_\_\_\_\_

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Mail check payable to **CNPS** to: Daniel Kushner, 201 Ross St., San Rafael, CA 94901.

## CNPS Contact Information

Phone              (916) 447-2677 (state)

Fax                      (916) 447-2727 (state)

Email                      [cnps@cnps.org](mailto:cnps@cnps.org) (state)

Web                      [www.marin.edu/cnps](http://www.marin.edu/cnps) (chapter)

[www.cnps.org](http://www.cnps.org) (state) The state CNPS site is a resource for a wealth of materials, including promotional materials such as banners and posters.

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Now available: the long-awaited, 2007 revised edition of John Thomas Howell's classic *Marin Flora* (originally published in 1949). Copies of the book will be available at chapter meetings and most field trips. You can also print out an order form at the chapter website ([www.marin.edu/cnps](http://www.marin.edu/cnps)).

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## 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, or anything else, please contact us. You can phone or email your ideas to any of the board members listed on page 8 of the newsletter.

## 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  
212 Del Casa Dr.  
Mill Valley, CA 94941

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

Name \_\_\_\_\_

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