



Erysimum menziesii

The Wallflower

The Newsletter of the California Native Plant Society
Monterey Bay Chapter

<https://chapters.cnps.org/montereybay/>

November/December 2019

Sudden Oak Death and Our Forest's Questionable Future

General Meeting Speaker: Kerry Frangioso

Phytophthora ramorum, the pathogen responsible for Sudden Oak Death, garnered international attention upon its discovery in the summer of 2000. But thanks to genetic information collected from around our state, we now know that the pathogen has been in California since the 1980-1990s. From the forests of Monterey County along the Central Coast, to Del Norte County in northern California, the pathogen behaves quite differently throughout its range. And as decades pass and the possibility of large-scale eradication seems out of reach, we continue to witness the transformation of our forests.

Many researchers hope that recent findings in Vietnam could yield new insight into resistance mechanisms for our local tree species. Meanwhile, another lineage of *P. ramorum* recently arrived in the Pacific Northwest instilling fear that hybridization or mutation of an already virulent generalist pathogen could allow for expansion into new ecosystems. The latest SOD discoveries, hopes, and concerns will be shared in Kerri's presentation.

Kerri Frangioso has been studying Sudden Oak Death throughout California since 2000. As a Staff Research Associate for UC Davis' Plant Pathology lab, she coordinates research predominantly in the Big Sur area but also throughout coastal California. For the last ten years, Kerri has offered classes on the diagnosis and management of SOD through the Monterey Peninsula Regional Park District at Garland Ranch Regional Park.

The Chapter's annual business meeting will take place before the presentation. This will include the election of the chapter's officers and a proposal to amend the chapter's bylaws. More details of the proposed amendments and a copy of the revised bylaws will be snail mailed to all members shortly.

General Meeting • Thursday, November 14

Visiting and Book Purchasing from 7:00pm

Meeting and Program Begin at 7:30pm

Pacific Grove Museum of Natural History

(General meetings are the 2nd Thursday, every other month)

STEWARDSHIP

Weed bashes are ongoing every month. They will be held on the 1st Saturdays at Point Lobos Ranch on November 2 and December 7 from 1pm to 4pm. They will also be on the 3rd Sundays at Soberanes Creek on November 17 and December 15 from 11am to 2pm. Contact Bruce at 277-7690 or bdelgado62@gmail.com for meeting locations and other details.

To help with broom at Monterey's Quarry Park, please contact Al Washburn at awashburn8@comcast.net.



Weed Warrior, Jon Hubbard, is shown here removing invasive weeds at Garrapata. Jon has been a faithful weed warrior, attacking weeds every month since 2003! Weeds shake in their roots when they see Jon approaching. Photo by Bruce Delgado

FIELD TRIPS & EVENTS (registration info on the last page)



There weren't many flowers in August but there were lots of smiles on Lynn Bomberger's Point Lobos Shoreline and Forest Hike; even baby Connor had a big smile! Photo by Lynn

Wednesday, November 13

Field Trip

Birds and Plants of Mudhen Lake, Fort Ord

We will be going to Mudhen Lake, which is roughly in the center of Ft. Ord National Monument. This lake normally has water year-round. It is surrounded by oak-studded grasslands and always has a variety of birds and plants. We will explore the shoreline and nearby trails for an hour or so. The hike is ± 5 miles with ± 500 feet ascent. Bring water, a hat, sunglasses and sunscreen, your lunch, and binoculars. Heavy rain cancels. Led by Cliff Halverson



We examined interesting plants and had some fun too on Lynn Bomberger's Mitteldorf field trip. Photo by Lynn



On Lynn Bomberger's Soberanes Creek & Redwoods Picnic, we walked past a huge hillside of prickly-pear cactus plants to get to the redwoods of Soberanes Canyon. Photo by David Eisen

Saturday, November 23

Field Trip

Autumn in Garzas Creek, Garland Ranch

Even without the wildflowers, this hike in the mixed riparian woodland and redwoods along Garzas Creek, through the Redwood Canyon and back along the Terrace Trail is a delightful way to spend a fall morning. The hike is ± 4 miles with ±800 feet ascent. Bring a snack and water. Please arrive early so we can depart on time and be back in time to go home for lunch. Led by Michael Mitchell

Saturday, December 7

Field Trip

Buzzards Roost Hike, Pfeiffer State Park

If you don't like hiking fern lined trails through a redwood forest with beautiful views along the way, then this hike is not for you. On the other hand, if you love all of the above, let's go! We'll see lots of wildfire devastation and lots of fresh regrowth. ±4 miles with ±800 feet ascent at a leisurely pace. Arrive early; we depart on time. Bring water and lunch. Led by Lynn Bomberger



"Let's see, where was the epicenter of the October 17, 1989 earthquake here in Nisene Marks?" Hot weather was forecast, but Andy Werner's recent Maple Falls hike was comfortably in the mid 70s. Photo by Cliff Halverson

THANK YOU to the wonderful volunteers who helped make our fall plant sale a complete success!



"Shall we get purple sage, black sage, or both?" Shown above are happy plant shoppers making tough decisions at the recent 2019 fall Monterey Bay Chapter native plant sale. Photo by Margret Cordts

Saturday, December 21

Field Trip

Fly Agaric Mushroom Search

Some years we get skunked but hopefully this year we will find the beautiful fly agaric mushrooms in the Del Monte Forest. Bring water; lunch gives us the option of purchasing a Poppy Hills sandwich. 5 miles, 750 feet elevation gain. Arrive early; we depart on time. Led by Lynn Bomberger

Sunday, December 29

Field Trip

Williams Canyon Hike to Mitteldorf Preserve

This lovely hike is ±4 miles with ± 400 feet elevation gain. It is along Williams Canyon Road where we'll pass through a spectacular redwood environment with several creeks on our way to Big Sur Land Trust's Mitteldorf Preserve. We'll even have the opportunity to admire the county's largest diameter redwood. Bring water and lunch. BSLT will cancel

our outing if there are downed trees, etc., or if the road is under repair. You will be emailed through Meetup if cancelling is needed. Arrive early; we depart on time. Led by Lynn Bomberger.



It was a beautiful day, a great group, and we even saw interesting flowers in October on Lynn Bomberger's Andrew Molera Bobcat Trail hike. Photo by Lynn

CONSERVATION REPORT

Fort Ord Plant Reserves

On October 11, 2019, members of the Chapter Board met with Del Rey Oaks Mayor Alison Kerr and City Manager Dino Pick to initiate a conversation about the status of the two CNPS Plant Reserves in the DRO City limits. Also in attendance was an attorney representing the Fort Ord Reuse Authority and legal counsel retained by MB-CNPS. The Chapter has a long-standing interest in potential developments and road improvements proposed in high quality habitats areas on lands given to the City when the former military base was decommissioned. CNPS has two biologically diverse plant reserves that flank South Boundary Road and include key habitat for the California Endangered Seaside Bird's Beak.

Go to <https://chapters.cnps.org/montereybay/conservation/> for more information on the above Conservation issue(s).

The Conservation Committee is always looking for additional members. Any help is welcome. Contact committee chair Donna Burych (contact information is on the last page) if you want to help, and together we can identify a valuable task that fits your interests and skills.

ARTICLES, REQUESTS, ANNOUNCEMENTS, ETC.

TRUSTS, WILLS, AND BEQUESTS

Thinking of a Legacy Gift for CNPS? Consider the Monterey Bay Chapter of CNPS in your Trust or Will to help continue our important work conserving native plants on the

Central Coast. Be sure to specify the Monterey Bay Chapter, P.O. Box 221303, Carmel, CA 93922, as the recipient of your bequest otherwise, your gift will go to the state CNPS. Thank You!

TIPS ON REDUCING MEETUP EMAILS

Meetup sends a LOT of emails. To reduce emails, go to Settings in your Meetup account, then Email Updates (left side)—decide what you want. Leave on 'Messages' so that your leader may communicate with you. Next, at the bottom of the Email Updates page, on the right, click 'Edit,' and again, decide what you would like. If you would like guidance, call Lynn at 375-7777.

ARE YOU MOVING?

If so, please let us know. Contact our Membership Chair, Brian LeNeve, at brian@brianleneve.com or 624-8497.

CAN YOU HELP?

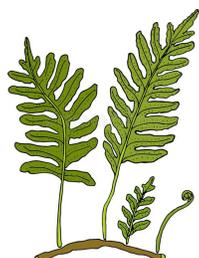
Our long-time Treasurer, Jim Pittman, will be retiring from his CNPS duties soon and the Chapter will need a new Treasurer. High math is not a requirement, just a penchant for detail. The Treasurer prepares quarterly summaries and keeps the Chapter's checkbook. Please call Lynn Bomberger at 375-7777 or Carol LeNeve at 624-8497 if you can help.

GARDENING WITH NATIVES

Please contact Peigi Duvall, Horticulture Co-Chair, at (605)704-3926 or peigidv@indigdesign.com. To showcase your native garden!



The early winter chill before the rains come brings seasonal transitions of coloring leaves (grape and redbud), dried inflorescence (deer grass), remaining bloom (CA buckwheat), and even new growth (Pajaro manzanita) in our Central California native plant gardens. Photo by Peigi Duvall



Helpful CNPS Information

CNPS is dedicated to Preserving and Protecting California Native Plants and Their Habitats

You must register for field trips online at:

www.meetup.com/The-Monterey-Bay-Area-Hiking-Group

Meeting times, locations, and more details are on Meetup.

Nov/Dec field trips will be published on Meetup Saturday, Oct 26.

Jan/Feb field trips will be published on Meetup Thursday, Dec 26.

Don't own a mobile phone or computer but want to go on field trips? Call 375-7777.

The Next Publication of *The Wallflower*

Newsletter

Deadline

January/February

Thursday, December 19

**Articles received after the deadline
will not be published.**

Check Out Our Websites

Monterey Bay Chapter:

<https://chapters.cnps.org/montereybay/>

State Organization: www.cnps.org

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Vice President: *Patrick Regan (see Horticulture)

Web Master: *Michael Mitchell, michael@fmmitchell.net,

625-9300

Wildflower Show: *Brian LeNeve (see Membership) and Michael

Mitchell (see Webmaster)

* Board Members

Join CNPS Today!

You may also register online at www.cnps.org

★ Print very clearly, please. ★

Name _____

Address _____

City, State, Zip _____

Telephone _____

Email for Newsletter _____

Chapter (County) Affiliation _____

Individual Membership Levels:

Limited Income — \$25

Patron — \$1,000

Individual — \$50

Benefactor — \$2,500

Plant Lover — \$120

There are more options online

Supporter — \$500

including business and library.

Please mail this membership form with payment to:

Brian LeNeve, CNPS Monterey Bay Membership
PO Box 1012, Carmel, CA 93921

Dues and gifts to CNPS are tax deductible.