The Permaculture Response to Drought

The design science of permaculture is a whole systems approach to the challenges of our times. It is expressly about turning problems into solutions and design constraints into opportunities. At the very least, the drought is a design constraint. Permaculture has the pieces when it comes to an intelligent response to the drought puzzle. In his talk, Ken Foster will help fit those varied pieces together and leave you with innovative water conservation strategies and solutions you can take home to your own landscapes and gardens.

Ken Foster lectures and presents on a range of topics relating to permaculture, ecological landscape design, installation and maintenance. Ken teaches permaculture at Cabrillo College and has owned and operated Terra Nova Ecological Landscaping in Santa Cruz since 1988. He served on the Board of Directors of the Ecological Farming Association for ten years and currently serves on the planning committee for the Ecological Farming Conference. Ken has been a member of the Ecological Landscaping Alliance since 1995 and helped bring Monterey Bay Friendly Landscaping to the Monterey Bay area. Ken lives in Santa Cruz with his partner Jillian and their dog, cat, worms and bees.

General Meeting • Thursday, January 8

Visiting and Book Purchasing from 7:00pm
Meeting and Program Begin at 7:30pm
Pacific Grove Museum of Natural History

Friday, Saturday & Sunday, Jan 9-11

Event
41st Annual Fungus Fair
Visit the kingdom of Fungi! Learn about the hundreds of beautiful and fascinating species of local fungi on display in re-created woodland habitats. Enjoy speakers, classes, vendors, kids hands-on activities and more! The Fungus Fair will be held at the Louden Nelson Community Center and is sponsored by the Fungus Federation of Santa Cruz. Call 831-684-2275 or go to: http://www.scfungusfair.org for details.

Everyone had a marvelous time on the Maple Falls field trip led by Andy Werner and Lynn Bomberger. We even had a few cooperative falling maple leaves entertain us during lunch. Photo by Lynn

Monday-Saturday, January 13-17

Conference

CNPS 2015 Conservation Conference
Check online to learn about the 2015 California Native Plant Society Conservation Conference that will be in San Jose. Go to: www.cnps.org/2015

Thursday, January 15, 9:00am

Field Trip
Fetid Adder’s Tongue Hike, Land of Medicine Buddha
It’s a stinky little flower but an exciting one since it’s one

Calendar of Field Trips & Events Continued on Page 2
of our first year! Let’s see if the intriguing Fetid Adder’s Tongue is blooming in Soquel. If not, we’ll have a nice hike in a lovely forest and observe two albino redwoods (one up close). Bring water, snack and $ for optional lunch at a café after the hike and also please bring a few dollars to contribute to the upkeep of the land. The hike is about 6 miles/700 ft. elevation gain. Arrive early, we depart at 7:55 a.m. from the south far end of the parking lot in front of REI (next to the back wall) in Marina. Or be at Center Street’s diagonal parking next to the Congregational Church of Soquel before 8:50 a.m. Call Lynn at 375-7777 for a reservation—limit of 8. Leaders: Andy Werner and Lynn Bomberger.

These playful ladies saw lots of interesting things including beautiful hallucinogenic/poisonous fly agaric mushrooms on Lynn Bomberger’s recent fly agaric mushroom hike in the Del Monte Forest. Photo by Mary Conway

Sundays, Jan 18 & Feb 15, 11am to 2pm  Stewardship Soberanes Creek Cape Ivy Bash
Here Soberanes Creek falls into the ocean and needs our help continuing to remove various invasive weeds, primarily Cape ivy. On these Third Sundays, meet in Carmel at the Rio Road Park and Ride. All supplies provided. Bring a friend, water, and a snack. Contact Bruce Delgado at 277-7690 or bdelgado62@gmail.com for details.

Thursday, January 22, 9:30am  Field Trip Point Lobos Fungi Field Trip with Phil Carpenter
Phil Carpenter, local fungus expert and current President of the Fungus Federation of Santa Cruz, will take us into the Point Lobos forest for a mushroom field trip! We’ll discover an amazing variety of fanciful fungi, both delicious and deadly (we won’t be sampling). If you have a mushroom that you would like to have identified, bring it or a photo! The outing will be about 2 miles with very little elevation gain—heavy rain cancels. Arrive early; we depart at 9:30 from the Park and Ride on Rio Road. Bring lunch and water. CNPS & FFSC members only (join Thursday!). If you have a State Park parking permit, please bring it. Call CNPS leader, Lynn Bomberger for a reservation at 375-7777.

Sunday, January 25, 10am to 3pm  Field Trip Early Spring Wildflower Tour, Fort Ord Nat Monument
BLM Botanist Bruce Delgado will lead this driving/hiking tour of early spring wildflowers. Total hiking will cover one to three miles, mostly very gentle climbs or flat. The tour will view vernal pools, oak woodland, maritime chaparral, and possibly native grasslands where innovative habitat restoration and a 1,500-goat grazing project are on-going. There will be radically different, but all very special, wildflowers and vistas, rare plants and other native beauties. Bring water & lunch. Meet at 10am at the old thrift store on Lightfighter Drive off Hwy 1 in the first parking lot on right. Then carpool from meeting location. Early departures are not possible. Co-sponsored by BLM & CNPS. Reservations required; contact Lynn at 375-7777.

Thursday, February 12, 9:45am  Field Trip Toro Park Early Wildflowers
This 5½ mile hike with 800 ft. elevation gain has a delightful variety of wildflowers: Indian warriors, footsteps of spring, shooting stars are just a few. Bring water & lunch. Arrive early; we depart at 9:45 from the dirt parking area outside Toro Park. Call for a reservation—limit of 8. Leader: Lynn Bomberger, 375-7777.

Saturday, February 21, 10am  Field Trip Veteran’s Memorial Park Wildflower Walk
Veteran’s Park in Monterey has a very nice display of wildflowers that we will enjoy today. Meet at the flagpole in the park at 10am and from there, we will go out in three directions to view them. We’ll admire Indian warrior plants on Via Del Rey, Yadon’s piperia up some stairs on the southern DLI boundary and finally, over to Huckleberry to hopefully view shooting stars in a hidden wildflower meadow. Optional, bring some gloves to pull 3-4 Genista plants each in the Monterey Pine glade where the Yadon’s piperia grows. Call leader, Mary Conway, at 209-406-0906 for a reservation.

CNPS Santa Cruz Area  Field Trips
Check online at cruzcnps.org for details on listed Santa Cruz area field trips.

CONSERVATION REPORT

NEW MONTEREY PINE PRESERVE: Monterey Regional Park District has purchased the Aquajito Woods property from Pebble Beach Company. The new 851 acre pine forest preserve is contiguous to north side of Jacks Peak County Park and greatly expands the preservation of the largest intact Monterey pine forest in the world. Long
Our chapter is in need of volunteer help to address the many varied conservation challenges such as the ones described in our Conservation Report. Please contact Bob Hale at 656-3108 or hale@nps.edu for your valued input.

Time to Celebrate!
Check Out Our Websites
Monterey Bay Chapter: http://montereybay.cnps.org
State Organization: www.cnps.org

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Articles received after the deadline cannot be published.

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Web Calendar: Sarah Chmielewski, 410-409-2544, sarahchmielewski@gmail.com
Web Master: Chris Hauser (see President)
Wildflower Show: Brian LeNeve (see Past President) & Michael Mitchell, 625-9300, michael@fmmitchell.net

**AFFILIATED ORGANIZATIONS**

Beach Garden Project: Joey Dorrell-Canepa, 623-9048, stephen.canepa@att.net
Chuck Haugen Conservation Fund: Bruce Delgado (see Stewardship)
Rowntree Garden: Gary Girard, 372-5870, 375 Gibson Ave., Pacific Grove, CA 93950
Monterey Pine Forest Watch: Joyce Stevens, 624-3149, PO Box 2116, Carmel, CA 93921, jstevens@redshift.com

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Dedicated to Preserving and Protecting California Native Plants and Their Habitats

**Membership Form**

Join the California Native Plant Society!

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Email___________________________________________________

Chapter (County) Affiliation__________________________

**Membership Categories:**

___Limited Income _____ $25  ___ Plant Lover _______ $100
___ Individual ______ $45  ___ Patron _________ $300
___ Family ________ $75  ___ Benefactor _________ $600
___ Mariposa Lily _______ $1,500

Please mail this membership form with payment to:
California Native Plant Society, Attention: Membership
2707 K Street, Sacramento, CA 95816

To pay by credit card or for more info call 916-447-2677.

Dues and gifts to CNPS are tax deductible.