

California Native Plant Society – Monterey Bay Chapter

Archive of Events 2012 –

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General Meetings – 2019

Thursday, November 14

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.

Thursday, September 12

A Few of our Favorite Things...

General Meeting Speakers: Peigi Duvall, Peggy Grier, Bob Kurner & Pat Regan

The Annual Fall Plant Sale is coming up on October 5th. To set the right mood for shopping for native plants, we thought we would ask a few of our members that have grown, gardened with, designed with and promoted native plants to others for a long time, to share a little bit about their favorite California native plants that will be available at this year's sale. This group of four speakers combined have almost 130 years' experience of intentionally gardening with California native plants. Add in general gardening experience from Seattle to San Diego and it pushes closer to 170! Using live plants and slides they will show and tell about the plants they find indispensable in Central Coast gardens.

Peigi Duvall is a professional landscape designer and owner of Indig Design in Carmel. She is active locally and on the state level with horticultural outreach with CNPS. Peggy Grier is long time CNPS volunteer and former manager of the East Bay chapter's Native Here nursery in Oakland. She was "converted" to native plant gardening in 1970 and has created native gardens big and small wherever she has lived since then. Bob Kurner grew up in the nursery industry in San Diego county and has a broad range of horticultural expertise and interests. As the nursery manager at Rana Creek Nursery in Carmel Valley, Bob gets to put

his passion for native plants and propagation skills to good use for our benefit. Pat Regan is a biological consultant and native plant nurseryman and chairman of our annual Plant Sale.

Thursday, July 11

Native Gardens of Japan

General Meeting Speaker: Leslie Buck

Did you know that the majority of Japanese gardens are native? That most are not sheared, but quite natural looking? Would you like your garden to have four-season beauty, rather than simply Spring flowers? Join me for a delightful visual journey as I show photos from secret gardens of Kyoto. I will read from my garden memoir, *Cutting Back—My Apprenticeship in the Gardens of Kyoto*, and also teach you a few landscaping tricks so your gardens can evoke scenes from wild California nature.

Leslie Buck is the author of the New York Times and Alice Water's reviewed Japanese garden memoir, Cutting Back—My Apprenticeship in The Gardens of Kyoto by Timber Press about a California gardener who studies with traditional garden craftsmen of Kyoto in private homes, monasteries and an Emperor's estate. Her book is available wherever books are sold. See her website lesliebuckauthor.com for a link to a fun interview on NPR's Cultivating Place!

"An unusual and entertaining memoir. She learns about durability, resilience and how to prune trees exquisitely." New York Times Book Review

Thursday, May 9

California's Undersea Gardens

Speaker: Judith Connor

Some of California's most remarkable native vegetation grows beneath the ocean waves. Ruby-colored jewels, velvety green cushions, deliciously leathery brown—the diversity enriches our state flora. Short of holding every human head underwater, how can we awaken inattentive eyes to the natural beauty and purpose of our native seaweeds? One evening won't suffice for learning about all 700+ species of marine algae in California, so we'll focus on the lesser known kelps and red seaweeds. Photographs, animations, and herbarium specimens will help illustrate lively tales of competition, life, and death in the kelp forests and on intertidal rocks.

Connor is a marine botanist, master gardener, with interests in California native plants on land and in the sea. She earned her PhD in the Department of Botany at the University of California at Berkeley in 1985 and has enjoyed diving and teaching at Stanford University, UC Berkeley, the Monterey Bay Aquarium, and in Antarctica.

Thursday, March 14

Vernal Pools—Kaleidoscopes of Life

Speaker: Carol Witham

Kaleidoscopes were a favorite holiday gift for children many years ago. They displayed a quickly and constantly changing series of brilliantly colored patterns. The metaphor works for California's vernal pools with their concentric rings, ribbons and patches of showy flowers that change **from** week to week through a two to three month season. This talk will explore the short-lived, weird-looking, fascinating fauna that evolved millions of years ago, and dazzling swaths of tens of thousands of tiny flowers. During this tour of vernal pools throughout the state, we'll learn what makes a vernal pool and why they are found almost nowhere but California.

Carol Witham is a self-taught vernal pool ecologist and has been studying that ecosystem for over three decades. She is a private consultant specializing in rare plants and animals of vernal pools plus their management. Carol is author of Field Guide to the Vernal Pools of Mather Field, Sacramento County and co-editor of Jepson Prairie Preserve Handbook, 3rd Edition. She is also very active in vernal pool conservation advocacy and education. Carol is a past president of CNPS and currently serves as treasurer for the Sacramento Valley Chapter.

Thursday, January 10

The Native Plant Program at the UC Santa Cruz Arboretum and Botanic Garden

Speaker: Brett Hall

The Native Plant Program at the UC Santa Cruz Arboretum is an ambitious project involving field work, plant collecting, seed banking, mapping rare natural communities, along with teaching students and the community about the rich biodiversity of the central California coast. The program focuses on stewardship, land management practices and developing a 55-acre garden for California natives within the Arboretum (mostly central coast natives). Brett's presentation will display images of the developing garden, field work in the central coast, and he will share the Arboretum's career through time with natives and what they hope to accomplish moving forward.

Brett Hall is the California Native Plant Program Director at the UC Santa Cruz Arboretum where he has worked for over 43 years. He has held every position imaginable at the Arboretum, including overall Director. A few years back, Brett stepped aside as Director in order to focus entirely on our Native plants. He was born in Carmel, has two brothers living in Pacific Grove, was State President of CNPS from 2009-2013 and works in California plant conservation whenever and wherever he can.

General Meetings – 2018

Thursday, September 13

CNPS Plant Sale Preview!

It is no secret that autumn is the best time of year to add new plants to your garden. And there is no shortage of nurseries, botanic gardens and organizations that would like to sell you the plants. We think the best place to get your plants is our chapter's, over four decades running, annual native plant sale coming up in October. To prove our point, we would like to show you what we will be selling and tell you a bit about them at the September general meeting. Plant sale chairman and expert native plantsman Pat Regan will share photos and handouts about the plants that will be featured at the sale. New introductions, rare and unusual, local heroes and the best plants for hedges, ground covers, long term color and wildlife attraction will be featured in the slideshow and grouped in lists to take home to help you prepare for shopping the sale. Whether you are a novice looking for your first native plant or a seasoned veteran of native horticulture you are sure to find something to try.

Pat Regan is a long-time CNPS member, vice president of the Monterey Bay Chapter and co-chair of our Horticulture Committee. A veteran of 33 years planting and growing California native plants in autumn from San Diego to Sacramento. He is owner of Regan Biological and Horticultural Consulting and Native Plant Specialist for MEarth at Hilton Bialek Habitat.

Thursday, May 10, 2018

Why tear down San Clemente Dam?

Speaker: Brian LeNeve

Most people know that San Clemente Dam was removed. (Did you know two dams were actually removed?) While there was publicity about San Clemente Dam being seismically unsafe and the highest dam removed in California, there were many other reasons for the dam's removal. Our speaker will talk about the effects building the dams had on the Carmel River steelhead, the riparian vegetation and the valley itself. He will also talk about the benefits provided by removing the dams and the environmental work being done to restore the old dam sites. While our speaker is a CNPS member, he will be talking more about the effects on steelhead than the effects on native plants. John Wandke from Rana Creek Nursery will join us and talk about the native plants installed to restore the sites.

Brian LeNeve, a longtime member of our chapter, was born in Carmel and grew up in the Carmel Valley. A lifetime of outdoor activities has given him a love of the Carmel River and its iconic steelhead as well as a love of native plants.

Thursday, March 8, 2018

After the Fire

Speaker: Nikki Nedeff

Fire is an important ecological process for most plant communities found in the California Floristic Province, and we've certainly had many large and devastating conflagrations over the past few years. Our Mediterranean climate predictably creates dry conditions every summer and weather in our warming planet will likely become increasingly variable, with occasional periods of sustained drought. Compounding the seasonal drying of vegetation, our cultural institutions have created environmental conditions where the ecological processes related to periodic fire are really out of whack. Let's talk about how California plants have adapted to fire regimes and how plants respond to fire. What does the future hold and what might we see in the coming months "after the fire."

Our discussion will be hosted by Nikki Nedeff, president of our local Monterey Bay Chapter of CNPS. Nikki is a Carmel Valley native with vivid memories of the 1972 Molera fire and 1977 Marble Cone fire, as well as the many fires in Monterey County we've had more recently. Nikki teaches plant community ecology at CSUMB and likes nothing better than hiking through fire-adapted plant communities.

Thursday, January 11, 2018

CalFlora Tools for CNPS Users

Speaker: Cynthia Powell

Thursday, January 11: Join Calflora's new Executive Director Cynthia Powell to discuss new Calflora tools for CNPS Calflora users. Calflora's plant database hosts over 2 million plant occurrences, some of which come directly from [Monterey Bay CNPS members](#). Cynthia will go over Calflora's new planting guide, population monitoring tools, Great Places, email alerts, and speak more generally about the uses of Calflora for CNPS chapters. She would also like to know how Calflora can better serve the Monterey CNPS Chapter and to answer any of your questions.

Friday morning, January 12: Meet for a rigorous and hands-on plant data collecting 3 mile hike in Garzas Canyon. Here are some of the [blooming plants](#) we may be able to find; will we see any Woolly leaf manzanita? Meeting time and meeting location will be posted here, and advertised in our newsletter, several weeks before the event. **Attendance at Cynthia Powell's presentation the previous evening is obligatory for those taking part in this hike.**

Garland Ranch Regional Park
700 West Carmel Valley Road, Carmel, CA

General Meetings – 2017

Thursday, November 9, 2017

Flora of Fort Ord

Speaker: David Styer

In 2003 David was in charge of the Fort Ord plant list of some 600 species, but he was unhappy because no one could tell him where, perhaps 200 of these could be found. That was when he broke Fort Ord into regions bounded by roads and went out to find all species growing wild in each region. Now, fourteen years later, he hasn't found all the plants on that list, but the list has grown to 950 species! After Fort Ord's flora became a joint project with CNPS, we have been allowed to go into the Inland Ranges (some 8,000 acres). That has changed our view of the plant distribution on Fort Ord. From the outside natural areas on Fort Ord may look the same, but from the inside different areas always turn out to have different plants. This evening we will try to enjoy the beauty of the flowers, and look at some of the special habitats of Fort Ord.

*David Styer became an avid bird watcher in 1950 and a few years later, he had two years of field training in botany with the University of Pennsylvania professor Edgar T. Wherry. Between college and the draft David was a plant breeder for the Burpee Seed Company. After military service, and earning a PhD in math, he spent the rest of his working career at the University of Cincinnati. There, he spent most of his free time inventorying nature. He was one of the first people in the 20th century in Ohio to rediscover running buffalo clover, *Trifolium stoloniferum*, long thought to be extirpated and even extinct. David retired in 1999, met his wife Jane in 2001 and then moved to the Monterey area. In his early days here, David had actually been inventorying birds on the former Fort Ord, but one of his vivid early memories was seeing the wonderful diversity of native plants in the maritime chaparral— and now the plants of Fort Ord have taken over his life.*

Thursday, September 14, 2017

"I have this slope..."

Speaker: Pat Regan

It usually starts as a statement, but we both know it is the beginning of a question...one I get very often when people approach me at the Annual Plant sale. It usually tails off into a quizzical look of resignation while the speaker searches for the right words to convey that they can't figure out what to plant on "this slope" to: Keep it from eroding away, or make it look more natural, or make it beautiful, or attract hummingbirds, or all of the above. With photos and live plants to illustrate the ideas, let me preemptively answer that statement/ question before the sale, by asking and answering the many follow-up questions that help define the situation and lead to the best plant selections, like where is your slope and what direction does it face and what is made of and many more..

Pat Regan has been growing and planting California native plants on slopes from San Diego to Santa Barbara to Carmel Valley since 1985. As a Biological and Horticultural

consultant, he puts his many mistakes and learning experiences to good use in helping clients with everything from habitat restoration to landscape renovation.

Thursday, July 13, 2017

The Flavors of Home: A Taster's Guide to the Landscape

Speaker: Margit Roos-Collins

This is a talk for everyone who wants to know more about the local wild edible plants, from the tender greens we classify as weeds to our native nuts and berries. Margit will review the basics of how to forage safely, legally, and ethically, along with sharing her favourites in California's edible repertoire. We'll learn what's in season this month and good plants to forage for with children. She brings cuttings to her talks and there will be time to look at them up close afterwards to help you recognize a sampling of the wild edibles on your hikes and in your yards.

Margit Roos-Collins is the author of the 1990 foraging classic, The Flavors of Home: A Guide to Wild Edible Plants of the San Francisco Bay Area. Heyday Books recently issued an updated version for the new generation of foraging enthusiasts. She's led foraging walks for the California Academy of Sciences, Greenbelt Alliance, and other non-profits. She is a life member of CNPS. Copies of her book will be available for sale after the program.

Thursday, May 11, 2017

Plant Community Ecology in the Marble Mountain Wilderness

Speaker: Robert Foster Fernau, Ph.D.

The Marble Mountain Wilderness Area is located within the heart of the Klamath Bioregion—one of the most fascinating places on Earth to view the interactions between plant life and geology. Rob's been studying the plants and butterflies in this Wilderness for 33 years. He loves sharing his knowledge of, and enthusiasm for, his favorite place on Earth. This Wilderness is in a remote part of northwestern California, in Klamath National Forest, about halfway between Mount Shasta and the Pacific Ocean. It covers 478 square miles from 640 to 8,299 feet above sea level. He will share a dazzling array of photographic images of plants and plant communities of farflung places in the Wilderness. Topics include climate change, micro-climates, and plant endemism. If you are willing and able he hopes you'll join him this summer in a field trip into this spectacular wilderness.

Rob Fernau is a Research Associate in the Department of Plant Sciences at UC Davis. He is an ecological biogeographer, and has spent his life conducting field research, teaching, traveling, and leading eco-tourism trips.

Thursday, March 9, 2017

Monterey County Wildflowers - a Field Guide

Speaker: Rod M. Yeager, MD and Michael Mitchell

Spring is upon us once again with a new wildflower season. What better time to review some of the flowers we are likely to see as we hike the trails of Monterey County. Join us as we also introduce you to our recently published *Monterey County Wildflowers - a Field Guide*. This presentation will include photographs of many of the wildflowers and ferns found in the book. The various locations where they were photographed will be included.

Rod Yeager is a retired thoracic and cardiovascular surgeon from Louisiana and Michael a retired attorney from England, neither with a botanical background. After moving to this area, they soon became hikers and spent many happy hours photographing and then struggling to identify the plethora of wildflowers in Monterey County. A readily accessible guide that enabled someone without specialist botanical knowledge to identify the plants was lacking and they decided to attempt to fill this gap. The goal was to create a book, small enough to carry on hikes, that had multiple color photographs of each flower with a description of identifying features. The result was *The Wildflowers of Garland Ranch - a Field Guide*, followed by *Monterey County Wildflowers - a Field Guide*, which has 472 pages, over 2,500 photographs and 960 taxa from all of Monterey County - a more than two-year undertaking.

Thursday, January 12, 2017

Lyme Disease in California... What You Need to Know

Speaker: Jo Ellis

Sometimes referred to as “Nature’s dirty needle,” infected ticks are a growing problem across the United States. Medical researchers are learning more and more about the bacteria, viruses and parasites that ticks harbor, and many medical professionals believe ticks are responsible for many serious illnesses that plague the general population. Lyme disease is, in fact, the fastest-growing vector-borne disease in the United States. Plus “tick season” is year-round in California, so learning about ticks ought to be a general life skill. Outdoor enthusiasts should develop heightened vigilance around ticks, tick-bites and tick-borne infections. You’ll learn the latest hard facts on Lyme, plus get free materials you can use immediately. Although Bay Area Lyme Foundation is primarily a medical research foundation, we are committed to educational outreach and prevention of Lyme and other tickborne diseases.

Jo Ellis is Director of Education Outreach at Bay Area Lyme Foundation. Jo Ellis has 20+ years of experience developing and marketing educational programming for schools, nonprofits, and corporations. A native of the UK, Jo received her BA/MA from Cambridge University, and a postgraduate high-school teaching certification from the University of London. Jo is a nationally recognized gifted and talented educator with Johns Hopkins University

General Meetings – 2016

Thursday, November 10, 2016

Hitched to Everything: the Amazing Manzanita

Speaker: Kate Marianchild

Manzanita first appears in the fossil record 37 million years ago in central California; 35.5 million years ago it began diversifying and dispersing. California now hosts a whopping sixty-two *Arctostaphylos* species, some of which have dispersed naturally as far as Guatemala and Eurasia. In this illustrated lecture, author and naturalist Kate Marianchild will discuss manzanita's multiple adaptations to drought, the evolutionary rationale behind the smooth, thin red skin that peels at the height of summer and "buzz pollination in middle C." We'll hear about manzanita's relationships with other members of the oak woodlands, including lace lichen, silk moths, ants, bushtits, pileated woodpeckers, and mycorrhizal fungi.

Kate Marianchild is the author of Secrets of the Oak Woodlands: Plants and Animals Among California's Oaks. This award-winning bestseller is a delightfully narrated and beautifully illustrated romp through California's most widespread habitat type. With the skill of a storyteller, the accuracy of a scientist, and the enthusiasm of a child, Marianchild profiles the lives and interconnections of twenty-two oak woodland plants, insects, reptiles, amphibians, mammals, and birds. The book would make a perfect Christmas gift for any nature lover and it will be available to purchase at the November meeting!

Kate Marianchild lives in a yurt near Ukiah surrounded by acorn woodpeckers, dusky-footed woodrats, and California newts as well as manzanitas, buckeyes, and five different kinds of oaks.

Thursday, September 8, 2016

The Tanoak Tree: An Environmental History of a Pacific Coast Hardwood

Speaker: Frederica Bowcutt

Tanoak is a resilient hardwood tree native to California and southwestern Oregon. People's radically different perceptions of it have ranged from treasured food plant to cash crop to trash tree.

Frederica Bowcutt uncovers a complex history of cultural, sociopolitical, and economic factors affecting the common tree's fate in her first book. Still valued by indigenous communities for its nutritious acorns, tanoak has also been a source of resources for a variety of U.S. industries. In northern California, they are currently killed with herbicides in industrial forests in favor of more commercially valuable coast redwood and Douglas-fir. Now tanoaks are experiencing massive die-offs due to sudden oak death, an introduced disease.

Bowcutt examines the complex set of factors that set the stage for the tree's current ecological crisis. The end of the book focuses on hopeful changes including reintroduction of low-intensity burning to reduce conifer competition for tanoaks, emerging disease resistance in some trees, and new partnerships among tanoak defenders, including botanists, foresters, Native Americans, and plant pathologists.

Frederica Bowcutt teaches botany at The Evergreen State College and serves as director of its natural history museum. Her Ph.D. in ecology is from UC Davis. She first joined CNPS as a teenager. For a trailer on her book,

The Tanoak Tree: An Environmental History of a Pacific Coast Hardwood, go to: <https://www.youtube.com/watch?v=xzY7QxOiI8I>

Thursday, July 14, 2016

Why Hybridize Natives?

Speaker: Rich Persoff

Why don't native perennials do well in cultivation, and what can we do about it? Must we be "Trophy" Gardeners, growing only the rare, the exotic, the difficult? When we put our native plants in what would be ideal conditions for East Coast perennials, they frequently act like high school kids with the key to the liquor cabinet! Direct selections of California wildlings too often do poorly, even though through millennia they have developed genetic toolboxes to deal with limited soil nutrients, deer pruning, heat, dryness, fires, shading, crowding, attracting pollinators, etc. We will accompany Rich on his rambles bringing sticky monkeyflowers out of the wild and into the garden. With time and patience, we all can create hybrids of our beautiful native flora.

Brown-thumbed California native Rich Persoff was entranced by his first Feather River Monkey-flower at the 1958 Stinson Beach Wildflower Show. He has collected at hundreds of locations and made thousands of crosses to develop garden-tolerant strains which maintain their wild character. Named Jelly Beans®, hybrids have been available for 15 years from Yerba Buena, Native Sons, San Marcos, Suncrest, and Tree of Life nurseries, and have proven themselves reliable, beautiful plants for California landscapes.

Thursday, May 12, 2016

The Sierra Nevada Mountains as Seen From the Pacific Crest Trail

Speaker: Chris Hauser

The Sierra Nevada Mountains form some of the most rugged and diverse botanical regions in California, with a diversity of climate zones and plant communities. Botanists often describe the vegetation patterns in these mountains by describing an imaginary west-to-east cross-section across the mountains, in which elevation and rainfall influence the vegetation patterns. In this talk, we also will explore the way the vegetation and geology change along a south-to-north transect, as seen from a hike along the Pacific Crest Trail, which runs along the spine of the Sierra Nevada Mountains along its 2,650-mile route between Mexico and Canada.

Chris Hauser has lived in the Monterey area with his wife and two children for about 9 years, and currently works for the Santa Lucia Conservancy where he manages the land stewardship program on the Santa Lucia Preserve. He enjoys hiking, camping and gardening with his family, and recently has started taking lightweight long-distance backpacking trips to explore large wilderness areas. Over the course of his life, he has backpacked about 1,000 miles in the Sierra Nevada Mountains, and he hopes to eventually hike the entire 2,650 miles of the Pacific Crest Trail.

Thursday, March 10, 2016

Introducing Bryophytes... The Other Land Plants

Speaker: Ken Kellman

Bryophytes (mosses, liverworts, and hornworts) represent a completely different solution to the evolutionary problem of living on land. They lack the complex vascular system that has made the “taller plants” so successful, but they have evolved complex solutions that will surprise you. Ken Kellman will show us how to recognize this important group of plants with a short presentation, and then we spend the rest of the evening looking closely at many common bryophytes from the central coast.

Ken Kellman met his first bryophyte in 1995 during a vascular plant survey of Quail Hollow Ranch in Santa Cruz County. It did not take long for him to abandon normal botanizing in pursuit of these tiny plants. He has published “A Catalog of the Mosses of Santa Cruz County” and is now collecting for a similar project in Monterey and San Mateo counties. His explorations have revealed several species new to science, and many more new to the central coast and the state. He is an instructor at the Jepson Herbarium weekend workshops in Bryology.

Thursday, January 14, 2016

Monterey County Wow Photos

Speaker: Brian LeNeve

Our planned speaker is unfortunately not able to speak at our meeting, so long-time chapter member Brian LeNeve will present a program with numerous beautiful photos of spectacular wildflower displays, from many places throughout Monterey County.

General Meetings – 2015

Thursday, November 12, 2015

Urban Forestry in Monterey

Speaker: Stephen W. D. Morton

The trees growing on the Monterey Peninsula are one of the most important features of our unique habitat for plants, animals, and humans. Urban Forestry attempts to manage our trees and open space areas to balance the needs of people and the natural world. We have stewardship of an amazing urban forest and tree species which range from primeval natives to spectacular exotic and introduced varieties.

But we face many challenges to protect and preserve our local forests, and neighborhood and backyard trees. This presentation will illuminate some of the issues with regard to trees, and will hopefully stimulate interest in the opportunities we have to help keep our wonderful human habitat green and sustainable. Steve will discuss his experiences and provide information and practical knowledge about local trees and their care and maintenance.

Stephen Morton is the Assistant Urban Forester for the City of Monterey. He is an International Society of Arboriculture Certified Arborist with a Tree Risk Assessment Qualification. He is a member of the American Society of Consulting Arborists, and a life-long outdoorsman with a deep love of people and trees.

Thursday, September 10, 2015

Ferns of the Bay Area

Speaker: Deanna Giuliano

This talk will focus on the diverse array of ferns that inhabit the varied ecosystems in the Bay Area, from San Francisco to Monterey. Even though they are not dazzling flowering plants that catch our attention when hiking in the wilds, ferns are attractive and are very adaptive to many types of habitats including riparian, woodland, springs, dry forest and rocky outcrops. Some species growing over six feet tall to smaller species only a few inches, from lush perennials to species that lie dormant waiting for the fall rains to reawaken them from their slumber.

Deanna Giuliano is the Nursery Director and Botanical Consultant for Acterra Native Plant Nursery. She is also the president of the Santa Cruz Chapter of CNPS. For the last few years she worked for the CNPS rare plant treasure hunts in the Los Padres National Forest.

Thursday, May 14, 2015

Introducing Bryophytes (The Other Land Plants)

Speaker: Ken Kellerman

Bryophytes (mosses, liverworts, and hornworts) represent a completely different solution to the evolutionary problem of living on land. They lack the complex vascular system that has made the so-called "taller plants" so successful, but they have evolved complex solutions that will surprise you. Ken Kellman will show us how to recognize this important group of plants with a short presentation, and then we spend the rest of the evening looking closely at many common bryophytes from the Central Coast.

Ken Kellman met his first bryophyte in 1995 during a vascular plant survey of Quail Hollow Ranch in Santa Cruz County. It did not take long for him to abandon normal botanizing in pursuit of these tiny plants. He has published "A Catalog of the Mosses of Santa Cruz County" and is now collecting for a similar project in Monterey and San Mateo counties. His explorations have revealed several species new to science, and many more new to the central coast and the state. He is an instructor at the Jepson Herbarium weekend workshops in Bryology.

Thursday, March 12, 2015

Ocean Friendly Native Garden Design

Speaker: Peigi Duvall

Drought or no, California native plants are the perfect choice for Central Coast landscapes. The marine environment of the Monterey Peninsula, with its variable climate, diverse soils, related watershed conditions, and 'hot spot' biodiversity, is a particularly interesting place to garden. Our speaker will discuss from her own experience and with photos of exemplary gardens the various ways we can employ native plant adaptation strategies such as form, color, and size in our own private gardens no matter what the microclimate. She will provide a recipe for an ideal habitat garden, address some mysteries and myths commonly found in the world of native plant landscaping, and introduce exciting new developments in the CNPS Horticulture Program.

Peigi Duvall owns the landscape design practice, Indig Design, specializing in indigenous flora of the Monterey and San Francisco Bay Areas. She is a Certified Professional Member of the Association of Professional Landscape Designers and a Bay-Friendly Qualified Landscape Professional. She is the former volunteer state Horticulture Program Director for the California Native Plant Society, and her garden designs have been featured on the annual Going Native Garden Tour for nearly ten years.

Thursday, January 8, 2015

The Permaculture Response to Drought

Speaker: Ken Foster

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 Meetings – 2014

Thursday, November 13, 2014

Right Place, Right Time

Speaker: Chuck Bancroft

Chuck Bancroft was a ranger at Point Lobos State Natural Reserve for 30 years 11 months and 25 days of his 35-year career with California State Parks.

Over the years he has been able to document some special events happening in the natural world around him. As a spontaneous photographer, Chuck always tried to have his camera with him to capture the everyday events as well as the most unusual.

Wildflowers, butterflies, and birds hold a special fascination for him because of the variety of shapes, sizes, and colors—especially the birds that can be the most uncooperative of subjects.

Join us for an evening of his photographs and stories and the poems he has found to compliment the images and stories.

Thursday, September 11, 2014

Fall is for Planting: A Preview of New Native Plants

Speaker: Patrick Regan

The 2014 native plant sale is coming up on October 18. Each year we try to find a good group of our old favorites and an appetite-whetting selection of new and unusual native plants to bring to the sale to satisfy the varied desires of our loyal shoppers. It can be a little overwhelming walking through the rows of plants and trying to figure out which one is right for your garden. Sometimes it is not enough to see a picture and read a few words about how big it might get or what color the flowers are. Let me introduce some of my old friends and brand new favorites, show you what they look like in my gardening attempts and tell you a little bit of what I have learned so far. Perhaps you will get to know a new name to look for at the sale and add to your garden.

Pat Regan has been growing and promoting native plants for over 40 years; 29 of them in Southern and Central coastal California. Just crazy enough to try running native plant nurseries in San Diego and Monterey counties, Pat is confident that he has now passed the magic threshold where he has successfully propagated and sent out into the world more plants than he has killed.

Thursday, May 8, 2014

The Carmel River Riparian Corridor

Speaker: Nikki Nedeff

Yes, there's a period of very dry weather happening... drought is a predictable thing in our semi-arid, Mediterranean climate and our native habitats are generally able to tolerate occasional episodes of

moisture scarcity with a whole palette of interesting biological adaptations. Ah, but riparian habitats are different and we create predictable and severe drought conditions for the Carmel River and its plant and animal resources every single year. The General Meeting presentation will discuss the environmental context and social setting of the Carmel River and describe current and on-going efforts to conserve and restore its valuable fish and flora.

Our evening's speaker Nikki Nedeff played in the Carmel River as a child and grew up to study riparian plant ecology as an adult. She has spoken to the CNPS chapter on several occasions and has a life-long interest in our local natural environment. Nikki teaches Plant Community Ecology at CSUMB, is a lecturer at MPC and with the Osher Lifelong Learning Institute, and works as an ecological consultant when she isn't out smelling the flowers and enjoying the outdoors.

Thursday, March 13, 2014

Living Architecture and Habitat Restoration

Speaker: Paul Kephart

This presentation will explain and explore the many ecosystem services resulting from using native plants in large-scale urban landscapes and wildland settings. These include the purification of air and water, detoxification and decomposition of wastes, and the regulation of architectural surface and interior climates in architectural applications. In addition, we will explore the regeneration of soil fertility, bio remediation, and the restoration, production and maintenance of biodiversity in wild lands and landscapes. The presentation is focused on designs based on sources and capacities of energy, soil, water, wastes, carbon, habitat value, human health, wellbeing, and costs. This array of attributes is generated by a complex interplay of bio climatic conditions, rainfall, soils, wind, natural cycles, buildings, and culture. Understanding the interrelationships between the built and natural environments is key. Creating compelling cultural experiences with these plants is joy.

Considered one of the top horticultural experts, Paul is recognized for his holistic and integrative landscape designs of large-scale living architecture projects around the world. He consults for both private and civic clients such as Shanghai Disney, City of San Francisco, and New York Department of Environment.

Paul teaches landscape design courses for San Francisco Academy of Art and Architecture, Green Roofs for Healthy Cities, and San Francisco Institute of Architecture. Paul often shares his knowledge and passion as a key speaker for AIA, ASLA, Greenbuild, and International Green Roof Congress.

Thursday, January 9, 2014

Rare Plant Hunting on California's Central Coast

Speaker: Danny Slakey

Over the past spring and summer, CNPS staff and chapter members hiked, botanized, and documented rare plants on the Central Coast, with particular attention to the Ventana and Silver Peak Wilderness Areas of the Los Padres National Forest. This project was part of a statewide volunteer project called the Rare Plant Treasure Hunt. The Wilderness Areas often challenged volunteers with long hikes, overgrown

trails, and hot weather, but rewarded them with incredible rare plant finds and access to some of the area's best swimming holes! Danny will share the results of the Central Coast project, with some stunning photos of the landscapes and rare plant finds from the trips. Pending funding, CNPS hopes to continue this project on the Central Coast next year, so it's a great opportunity for interested volunteers to find out what it's all about.

Danny Slakey works for CNPS as a coordinator for the Rare Plant Treasure Hunt project and also as assistant botanist for the CNPS Rare Plant Program. Before working for CNPS, he studied plant invasion ecology for his masters degree and worked several seasonal botany jobs throughout the West.

General Meetings – 2013

Thursday, November 14, 2013

Pruning Landscape Trees and Shrubs

Speaker: Peter Quintanilla

The beauty of our native plants is the variety of forms they grow into. Unfortunately, when planted in a garden, many outgrow their allotted space and then need pruning. Pruning can either maintain a plant's natural form or ruin it — good pruning keeps the plant healthy and without any traces of pruning. By understanding how plants respond to pruning you can keep your plants looking great. This is why pruning is a two-step process. First, the gardener does the pruning and then the plant responds with new growth. Depending on the pruning dose, hard or light, the plant will be different. Indiscriminate hard pruning usually initiates vigorous growth with multiple growing points that distort a plant's natural form, whereas lighter and more selective pruning allows the plant to resume its natural growth pattern. Good pruning requires us to be more attentive to how our plants grow.

Peter Quintanilla is an International Society of Arboriculture Certified Arborist and a landscape pruning instructor for Cabrillo College, UCCE Master Gardeners and the Monterey Bay Green Gardeners. He is also on the board of Friends of Carmel Forest.

Thursday, September 12, 2013

Maintaining Native Gardens through the Year

Speaker: Helen Popper

There's a rhythm to native gardening in California, a rhythm that reflects our wilder surroundings. Each month and each season in the native garden have their characteristic chores and delights. In our September meeting, Helen Popper will discuss how that rhythm differs from the traditional gardening calendar. Starting with fall, when we anticipate leaving the dry season behind and prepare for our own green "spring", she'll discuss the timing of native planting, watering, weeding, and pruning throughout the seasons.

Helen Popper is the author of the calendar-based book California Native Gardening, A Month-by-Month Guide. An essential year-round companion, this beautifully written and illustrated book nurtures the twin delights of seeing wild plants in the garden and garden plants in the wild.

Thursday, May 9, 2013

Re-Discovering Traditional Ecological Knowledge at Pinnacles National Park

Speaker: Brent Johnson

An extensive deergrass (*Muhlenbergia rigens*) field and large beds of whiteroot sedge (*Carex barbarae*) are hidden within a canyon recently acquired by the Pinnacles. Deergrass, whiteroot sedge and many other species found in this canyon may have been managed for thousands of years, and have deep

meanings and uses for past and present California Indian peoples. Here at Pinnacles, we are finding methods to incorporate ways that California Indians managed these lands into how we manage today, while also providing opportunities for California Indians to re-learn traditional practices. You will learn about various projects we are undertaking at Pinnacles, including burning deergrass and tending sedge beds alongside tribal members.

Brent Johnson is an ecologist with Pinnacles National Park and strives to bring his background in anthropology and biology to his work and projects. He has spent much of his career working in National Park sites throughout California, including Yosemite, Sequoia and Kings Canyon, Point Reyes National Seashore and Golden Gate NRA.

Thursday, March 14, 2013

What's in a Name?

Speaker: Michael & Sharon Mitchell

Does botanical Latin confuse or delight you? Do you avoid using scientific names for plants, preferring "It's a daisy?" Does the very term "binomial nomenclature" make you reach for your herbal tonic? Join us for a presentation of wildflower photographs as we explore the origin of the scientific and common names of some of our more interesting or striking local plants to see what we can learn about the plants and their history. Lose your fear of terms like amplexicaule, brachyloba, mucronata, staticoides, and unguiculata! Find out who Menzies was (and how to pronounce his name) and why California wildflowers (including our own beautiful *Erysimum menziesii*) were named in his honor.

Michael Mitchell is an enthusiastic naturalist, avid photographer and co-author (with Dr. Rod Yeager) of Wildflowers of Garland Ranch – a field guide and a new web-based field guide to about 1000 species found in and around the Monterey Peninsula. The web-based guide should be available during the spring at www.montereywildflowers.com.

Sharon Mitchell has been an environmental educator both in England and California. She has led many walks at Garland Ranch and elsewhere and has a particular interest in the traditional uses of plants.

Thursday, February 14, 2013

Zen and the Art of Mushroom Hunting

Speaker: Debbie Viess

This has been a good winter for walking in the woods after our soaking rains, and enjoying the sight of many marvellous fungi that seem to appear overnight. Be prepared to be dazzled by the photographs and descriptions of Amanitas, Russulas, Chanterelles, Agaricus, Boletes, Morels, etc. Our speaker is particularly interested in Amanitas, and will describe the journey of Amanita phalloides ('Death Cap'), which is a recent introduction into California. She has many anecdotes relating to her obsession with mushrooms and frequent travels in search of them.

Debbie Viess is a Bay Area biologist and naturalist, writer and artist, and a popular public speaker throughout the United States. She co-founded the Bay Area Mycological Society (BAMS) in 2006, and her

enthusiasm about mushrooms is contagious. She recently spoke to packed audiences at the Santa Cruz Fungus Fair.

Thursday, January 10, 2013

A Tale of Two City Butterflies

Speaker: Liam O'Brien

Join us for an entertaining presentation by San Franciscan lepidopterist Liam O'Brien. Liam will focus his talk on two of our counties largest butterfly residents: the Western Tiger Swallowtail (*Papilio rutulus*) and our only true migrant— the Monarch (*Danaus plexippus*). In addition to the amazing stories of adaptation waiting to be told, Liam will also propose radical new ideas this night that our species might consider to make the city better for these species.

Liam is also known for his creation of *The Green Hairstreak Project* and conservation efforts with the endangered Mission Blues on Twin Peaks in San Francisco. He looks forward to the publication of his first book, *The Butterflies of the Presidio*.

Liam O'Brien is currently on the Board of Directors of the Yerba Buena Chapter, CNPS and is their unofficial "Lepidopterist at Large". He is an avid conservationist and butterfly and moth enthusiast. Many of his delightful illustrations and journal pages can be found at his informative website: www.sfbutterfly.com

General Meetings – 2012

Thursday, November 8, 2012

Protecting California's Native Flora for (almost) 50 Years

Speaker: Greg Suba

The native flora of California is unlike any other in the world. From the richly colored expanse of spring wildflowers in the desert to Monterey Cypress on the coast, they define the landscape and offer Californians a sense of place, pride, and stability." Greg Suba will discuss the work of the California Native Plant Society Conservation programs in promoting sound plant science as the backbone of effective natural areas protection. He will also describe the challenges of effective plant conservation and address the planning and development of desert wind and solar projects.

Greg Suba has been the CNPS Conservation Program Director in Sacramento, since 2009. He has a wide background as a watershed coordinator, science educator and biological consultant in northern California. He has a B.S. in Biology and an M.S. in Marine Science.

Thursday, October 11, 2012

An Intimate Look at the UCSC Arboretum Native Plant Program

Speaker: Rick Flores

This illustrated talk by Rick Flores will include information about the installation and maintenance of the arboretum's native plant garden and nursery. The presentation will cover field collecting and propagation of native plants, labeling and record keeping. Rick will also describe the arboretum's collaboration with the Amah Mitsun Tribal Band to create their nearly completed Relearning Garden.

Rick Flores has been the curator of the California Native Plant Collections at the arboretum for the past 15 years. He began working at the Arboretum during his senior year at UCSC. His current job includes all aspects of the care and maintenance of the California native plant gardens and nursery. The collections encompass 55 acres.

Thursday, September 13, 2012

Sneak Peak at the Annual Plant Sale

Get a sneak peek at what may be in this year's CNPS fall native plant sale as well as good ideas for native plants that will meet that specific need you have in your landscape. From the horticultural perspective, Evergreen foundation plants, wonderful deciduous shrubs, flowering perennials, tried and true groundcovers and much more will be featured. Bring your questions and your notebook and get a jumpstart on planning your fall planting projects.

Pat Regan is an active member of CNPS and director of Regan Biological and Horticultural Consulting LLC. Pat and his family have lived and gardened in Carmel Valley for many years. He is the chairman of our sale in October.

Thursday, June 14, 2012

Wildflower Highlights of Cook and Green Pass & Siskiyou Mts.

Speaker: Ted Kipping

The Siskiyou Mountains are unusual in North Western America for several reasons:

They trend mostly East-West allowing marine influence to travel far inland.

They are geologically quite complex yielding a great variety of soil chemistries allowing for more soil specific plants.

It is the southern limit for many more northerly species and the northern limit for more southerly species.

We will explore a high pass near the middle of the range between 4500-6500 feet in elevation—the equivalent to 8000-9000 feet in the central Sierra Nevada. Endemism is very high and the variety of taxa impressive. The range as a whole is even richer than what we will have time for—but that is another talk.

Ted Kipping studied Natural History at Columbia University, New York and has been involved in horticulture for thirty-five years. After completing his studies, Ted wanted to apply his knowledge, and went to work at Strybing Arboretum in Golden Gate Park, San Francisco. There, he worked with a broad range of trees and other plants. His interest grew toward trees and shrubs, and in 1976 he started his own tree-trimming enterprise. He called himself "Tree Shaper." He has been gazing with rapt interest upon wild things for nearly sixty years—the last forty plus with a camera.

Thursday, May 10, 2012

Wildflower Slide Show

Speakers: chapter members

Please join us for an evening of oohs and aahhs! This may not be a big year for wildflowers locally but we can still enjoy the natural beauty of past years. Join us as several CNPS members and guests share some of their favorite wildflower slides for us all to enjoy. Prepare to be wowed!

Thursday, March 8, 2012

Decorated Trees - an adventure with plant galls

Speaker: Ron Russo

Plant galls are among nature's most unique phenomena largely because of the intimate relationship with insects that has evolved over millions of years. While several dozen plants in the Monterey area support fascinating galls, trees, especially oaks, exhibit some of the wildest looking and most brilliantly colored galls of any in the world. We will explore this little known world and discover shapes that mimic sea urchins, cups, golf balls, saucers, vases, and clubs among others.

Participants will also see how oaks support more than 200 species of tiny gall wasps and are crucial to the biodiversity of Monterey County. After this program, oak trees will never look the same.

Ron Russo is the retired Chief Naturalist of the East Bay Regional Park District in Alameda and Contra Costa Counties, a long-time member of CNPS and contributor to Fremontia and the author of A Field Guide to Plant Galls of California and other Western States, as well as seven other field guides and over 37 articles/papers in the natural sciences. He now resides in Bellingham, Washington where he is continuing his research and writing.

Thursday, February 9, 2012

The Santa Cruz Sandhills

Speaker: Jody McGraw

The Santa Cruz Sandhills represent one of California's most remarkable examples of edaphic (soil-related) endemism. Amidst the coast redwood forests that dominate the Santa Cruz Mountains, islands of droughty, nutrient-poor sand soils formed from uplifted Miocene (15 mya) marine sand deposits of the Santa Margarita formation give rise to unique plant communities found nowhere else in the world. They include maritime chaparral dominated by the local endemic Bonny Doon manzanita (*Arctostaphylos silvicola*), and Sand Parkland, which features sparse stands of ponderosa pine () with a diverse and beautiful herbaceous understory featuring many rare and locally unique plants including three endemic forbs: Ben Lomond buckwheat (*Eriogonum nudum* var. *decurrens*), Ben Lomond spineflower (*Chorizanthe pungens* var. *hartwegiana*), and Santa Cruz wallflower (*Erysimum teretifolium*). The Sandhills communities also support three animals found nowhere else in the world: the Mount Hermon June beetle, the Zayante bandwinged grasshopper, and the Santa Cruz kangaroo rat. The persistence of these unique species and communities has been threatened by habitat loss, incompatible recreation, and the invasion and spread of non-native species. Jodi McGraw is an ecologist who works on conservation projects throughout Central California. Her dissertation research at UC Berkeley examined the ecology of the endangered plants and rare communities of the Santa Cruz Sandhills.

Jody authored the Sandhills Conservation and Management Plan, which can be found on her Santa Cruz Sandhills website: <http://www.santacruzsandhills.com/scmp.html>

Thursday, January 12, 2012

Flora & Restoration of Fort Ord

Speakers: Bruce Delgado & David Styer

Tonight we'll take a fascinating look at Fort Ord, its rare plants and various restoration projects. Restoration efforts have included the use of sheep, fire, bulldozers—and "going public" with preliminary results of a 10-year "Floristic Survey."

David is a retired PhD Professor of Mathematics from University of Cincinnati, Ohio. He arrived in Monterey in 1996 and began inventorying the birds of Fort Ord. His love of Fort Ord led him to volunteer several years for the Bureau of Land Management (BLM), then in 2003 to begin inventorying the plants and butterflies of Fort Ord. As a lifelong and astute naturalist, David brings a dedicated passion to his efforts that is delightful and inspiring to those around him.

Bruce Delgado has worked as a botanist for BLM since 1988 and focuses on habitat restoration, fire ecology, sheep grazing, wild pig and invasive weed removal, and rare plant and animal protection. Bruce's portion of the program will cover these topics and provide an overview of natural resource management on Fort Ord.

Wildflower Show

April 14, 15 & 16

2017 Wildflower Show

**10:00am to 5:00pm each day
at the Pacific Grove Museum of Natural History**

Co-Chairs Brian LeNeve and Michael Mitchell invite you to the Annual Wildflower Show at the Pacific Grove Museum of Natural History. The rain so far this winter gives us hope that we will have a good display. Whether we will be able to match last year's record-breaking number of 735 specimens displayed, which broke the record year set in 2015, remains to be seen. We will do our best but we do, of course, need the rain to continue and then a little bit of sun will help.

Ongoing during the show, members of CNPS will be available to identify plants or (hopefully) photos of plants for the public and Bruce Cowen will lead tours of the Museum's native plant garden.

The CNPS bookstore will be there all three days offering books on California native plants – including our newest, gorgeous, “must have!” *Monterey County Wildflowers - a Field Guide* by Rod Yeager, MD and Michael Mitchell, a wonderful photo book of 950 of the most common plants in the County and our more technical publication *The Plants of Monterey County, an Illustrated Field Guide - Second Edition* by Matthews and Mitchell. Numerous other titles will be available to help you identify native plants, show you how to use them in your garden, find them on your travels, and learn about their historical and current importance. *The Museum has some exciting classes scheduled during the show. Please check their website for updates at pgmuseum.org. To date, these are the ones we know of:*

- Friday: Wine and Flower Painting - taught by Claudia Stevens, 6pm-8pm
- Saturday: Sketching classes with Erin Turner (one for adults, one for kids)
- Sunday: Painting Flowers - taught by Claudia Stevens, 10-11:30 (ages 6-9)
- Sunday: How to Make an Herbarium - taught by Sharon Nelson, 12-2 (ages 9-12)

There will be plenty to do all days in addition to enjoying over 600 species of wildflowers collected by CNPS members, so come once or more times and see what is blooming in Monterey County during the third week of April.

April 15, 16 & 17

2016 Wildflower Show

**10:00am to 5:00pm each day
at the Pacific Grove Museum of Natural History**

The Monterey Bay chapter of the California Native Plant Society invites you to our annual Wildflower Show at the Pacific Grove Museum of Natural History, Friday, April 15 through Sunday, April 17, from 10:00am to 5:00pm each day. Considering the recent rains we've seen on the central coast, we expect to have a nice diversity of flowers on display, and we expect to have at least 600 different types of wildflowers on display at the show.

April 17, 18 & 19

2015 Wildflower Show

10:00am to 5:00pm each day at the Pacific Grove Museum of Natural History

The Monterey Bay chapter of the California Native Plant Society invites you to our annual Wildflower Show at the Pacific Grove Museum of Natural History, Friday - Sunday, April 17 - 19, from 10:00am to 5:00pm each day. Considering the recent rains we've seen on the central coast, we expect to have a nice diversity of flowers on display, and we expect to have at least 600 different types of wildflowers on display at the show.

Throughout the three-day show, members of the CNPS will answer questions about the plants on display, and will identify plants or photos of plants for people with questions. A well stocked book table will be available throughout the show, offering books on California native plants, including how to identify them, how to use them in your garden, where to find them in your travels, and their historical and current importance. Finally, long-time garden volunteer Bruce Cowan will be leading regular tours of the Museum's native plant garden, discussing the different types of native plants growing in the garden, and the different types of plant habitats on display.

Each day, 11:00am – 12:00pm, Sue Hubbard (plant ecologist and stewardship director) will teach a workshop entitled "Identifying Plant Families", giving people a basic introduction to the organization of plants and botanical vocabulary. Sue will discuss the distinguishing features of common plant families, and will help people practice their identification skills using the wildflowers on display.

Each day, 2:00pm – 3:00pm, John Muir Laws (naturalist, author, educator, and artist) will lead a workshop entitled "Drawing Wildflowers", giving some basic techniques to help quickly and accurately draw plants, either for field sketching or careful botanical illustrations. (\$15 fee, pre-registered, for the botanical illustration class).

Friday, 9:00am – 10:00am, plant photographers may enter the show one hour before the show opens to the public, on the first day of the show to take photographs. Photographs may be taken at any time throughout the wildflower show, but this time allows photographers to spend more time on wildflower photography, before other guests are present, and when the flowers are the freshest.

Saturday, 11:00am - 3:00pm, is a Native Plant Fair, with opportunities for hands-on activities, current information, and volunteer opportunities having to do with native plants. Several local organizations which are involved in promoting and conserving native plants, will be participating, include the Monterey Peninsula Regional Park District, the Bureau of Land Management, and more.

Saturday, 1:00pm – 2:00pm, Patrick Regan (ecologist and native plant expert) will present demonstration on "Native Plant Gardening in Pots", offering examples of native wildflowers and shrubs growing in pots of all sizes, and discussing tips for maintaining native plants in containers throughout the year. Many native plants might seem too wild to grow in pots at home, but Patrick will show how many of our local native plants can be grown in containers for the home garden.

Sunday, 2:00pm – 3:00pm, Michael Mitchell (co-author of the book "the Plants of Monterey County – an Illustrated Field Key") will present a lecture entitled "Revising the Monterey County Flora", summarizing the recent changes to taxonomic organization, discussing the addition of hundreds of new species of plants to the Monterey County list, and giving some hints on how to get the most out of the book.

There will be plenty to do during all three days of the show, in addition to the diverse display of over 600 species of wildflower collected by CNPS. So come once, or throughout the weekend, and enjoy all that is offered. For more information on the different classes and workshops, visit the website of the Pacific Grove Museum of Natural History.

April 18, 19 & 20

2014 Wildflower Show

A message from Brian LeNeve, chairman of the 2014 Wildflower Show:

April 18, 19 & 20, 2014 will be the dates for this year's wildflower show. The show will be at the Pacific Grove Museum of Natural History from 10:00am to 5:00pm each day. I cannot say how many species we may find this year but there definitely will be some flowers and it definitely will be an interesting show.

Each day will feature an "Identifying Plant Families" class taught by Sue Hubbard. Saturday will feature a "Botanical Basics" sketching class taught by Erin Hunter, and Sunday will feature a "Creating Native Microhabitat Pots" taught by chapter president Chris Hauser. The sketching class and the habitat pot class will charge a \$20.00 fee to cover expenses.

Everyone come to see what can be found in a really dry year. If you join us, you can visit with the show volunteers and learn where you can see more wildflowers on the trail. For more information regarding the show, go to the Wildflower Show page on the website of the Pacific Grove Museum of Natural History: <http://www.pgmuseum.org/event/annual-wildflower-show>.

April 19, 20 & 21

2013 Wildflower Show

10am to 5pm each day

Come to the 53rd Annual Wildflower Show at the Pacific Grove Museum of Natural History and indulge your senses. This year's show is Friday, April 19 to Sunday, April 21. Every day you can look over the 600+ plants, look over and purchase some of the many books the chapter has for sale, view the native plant microhabitat pots created by Chris Hauser and every day you can celebrate the third week of April which is California Native Plant Week as designated by our state legislature.

On Saturday April 20, several other environmental organizations that work with native plants will have display tables in the bird room describing their involvement with native plants. There will be a \$20.00 fee for a workshop "Creating Native Microhabitat pots." Sunday there will be a free class on "Identifying Plant Families", an informal talk on "Sudden Oak Death", and a \$10.00 fee for the workshop "Botanical Basics: An introduction to Sketching Wildflowers."

The Museum and CNPS put this event on out of love for the event and wanting to show the diversity of wildflowers especially in Monterey County—so please come and enjoy. Admission is free to both CNPS and Museum Association members, but the Museum does ask for a small donation to offset the cost of staff and the facility. *Brian Le- Neve, President & Wildflower Show Chair*

[Pacific Grove Museum of Natural History](#)

165 Forest Avenue, Pacific Grove, CA

Annual Plant Sale

Saturday, October 6, 2018

Annual CNPS Plant Sale [2018]

10:00am to 1:00pm

MEarth Hilton Bialek Habitat • Carmel Middle School • Carmel Valley Road

Got a native habitat in your garden? Is your landscape abuzz with life? Does your garden show its California colors year-round? Planting California native plants will always make sure you can answer “yes!” In its fifth decade, the annual fall native plant sale of the Monterey Bay Chapter of California Native Plant Society is **THE** source for beautiful PLANTS, on-topic BOOKS, and sage ADVICE, whether you are new to or well-experienced in the fun of landscaping with California native plants. Come join us!

CNPS members receive 10% off on plant and book purchases. Not yet a member? Join the day of the sale and start receiving membership benefits immediately.

Please bring boxes or a small wagon to carry your plants home

Click [here](#) to view the sale plant list.



Saturday, October 7, 2017

Annual CNPS Plant Sale [2017]

10:00am to 1:00pm

MEarth Hilton Bialek Habitat

Carmel Middle School

4380 Carmel Valley Road

Ever hear of a popup dinner or restaurant? It is where fine meals are served in an unusual location and it only lasts one day or even a few hours. Our annual native plant sale is something like that; kind of like a popup specialty nursery featuring only the best native plants available. For one day, we gather plants from nurseries around the Central Coast, as well as from our own horticultural efforts, lay them out in one small area, add signs and pictures to give you an idea what you are getting into if you buy one and then provide experienced gardeners and horticulturists to answer your tough questions....heck we even make them wear aprons. The only thing missing is the linen and crystal!

As usual we will have the tried and true, rock-solid utilitarian plants as well as many wonderfully obscure or hard to find species. And don't forget to look for our "Local Heroes"; those species and horticultural selections collected or originating right here in the Monterey Bay area. See you at the popup!

CNPS members get a 10% discount on plant & book purchases!

[The sale day inventory list is available here.](#)

Saturday, October 1, 2016

Annual CNPS Plant Sale [2016]

10:00am to 1:00pm

MEarth Hilton Bialek Habitat

Carmel Middle School

4380 Carmel Valley Road

These are tough times for Monterey County wildlife. Consecutive years of continued drought and wildfire takes its toll on plants and animals. Why not do something practical about it in your yard, on your patio or front porch? Plant native plants! Feed a butterfly and its children; offer high-energy nectar to a hummingbird or a juicy berry to a songbird. Reevaluate your garden and stop feeding only deer!

We can help you! Come out to our annual Fall Plant Sale at MEarth Hilton Bialek Habitat, adjacent to Carmel Middle School at 4380 Carmel Valley Road, Carmel on October 1 from 10 am to 1 pm. Shop Hundreds of native plants that will be beautiful additions to your garden as well as much needed feeding stations for winged wildlife and more. The advice is free and the plants are discounted if you are a California Native Plant Society member. Do something good for wildlife— plant natives!

Check back here for the full sale inventory list which will be posted by September 25.

CNPS members get a 10% discount on plant & book purchases!

[The list of plants available for sale is now available here.](#)

Saturday, October 3, 2015

Annual CNPS Plant Sale [2015]

10:00am to 1:00pm

MEarth Hilton Bialek Habitat

Carmel Middle School

4380 Carmel Valley Road, Carmel CA

While spring may be the best time to see California natives in bloom, fall is the best time to plant them. Get a head start on having a more floriferous spring by shopping our sale and planting this fall. Have no place to put new plants in your garden? Bring friends and help them get started. Have a black thumb and no idea what to plant? Check out our large selection of books on gardening with California natives or ask one of our plant experts for help. Come see this amazing selection of native species and cultivars and take a few home to brighten your spring.

Shopping begins at 10am, and some species sell out very quickly, so arrive around 9:45 to view the selection.

[Here is the preliminary plant list. This list has changed slightly a couple of times, and was last updated on October 2 at 10:00pm.](#)

CNPS members get a 10% discount on all plant & book purchases.

Saturday, October 18, 2014

Annual CNPS Plant Sale [2014]

10:00am to 1:00pm

MEarth Hilton Bialek Habitat

Carmel Middle School

4380 Carmel Valley Road, Carmel CA

While spring may be the best time to see California natives in bloom, fall is the best time to plant them. Get a head start on having a more flower-filled spring by shopping our plant sale. Do you have no place to put new plants in your garden? Bring a friend and help them get started. Do you have a black thumb and no idea what to plant? Check out our large selection of books on gardening with California natives or ask one of our plant experts for help. Come see this amazing selection of native species and cultivars and take a few home to brighten your spring.

Some selections sell out quickly — be sure to get there early, but shopping and sales do not begin until 10am. A plant sale inventory will be posted to this website shortly. CNPS Members Get 10% Discount on Plant & Book Purchases

 [Download the plant selection list here.](#)

Saturday, September 29, 2012

Annual CNPS Native Plant Sale [2012]

10:00am TO 1:00pm

MEarth Hilton Bialek Habitat

Carmel Middle School, Carmel Valley Road

While spring may be the best time to see California natives in bloom, fall is the best time to plant them. Get a head start on having a more floriferous spring by shopping the annual native plant sale and planting this fall. Have no place to put new plants in your garden? Bring a friend and help them get started. Have a black thumb and no idea what to plant? Check out our large selection of books on gardening with California natives or ask one of our plant experts for help. Come see this amazing selection of native species and cultivars and take a few home to brighten up your next spring.

CNPS members get 10% discount on plant & book purchases!

Other Events

(excl General Meetings, Wildflower Show and Plant Sale)

2019

Friday, Saturday & Sunday, January 11,12 & 13

44th Annual Santa Cruz Fungus Fair

Visit the Kingdom of Fungi! Learn about the hundreds of beautiful and fascinating species of local fungi on display in recreated woodland habitats. Enjoy speakers, classes, vendors, kid's hands-on activities and more. Go to: ffsc.us/fair for details.

March through October

2019 CNPS Workshops

CNPS workshops range from basic botany to survey and assessment skills. Space is limited so sign up now to secure your spot! Go to www.cnps.org/workshops for details and registration information.

Saturday, April 6, 10am to Noon

Carmel Valley Sudden Oak Death BLITZ

Join the 10th annual SOD Blitz at Garland Ranch. Learn about the non-native pathogen responsible for SOD, how to spot symptoms, and leave equipped to take samples. RSVP to Kerri Frangioso kfrangioso@ucdavis.edu or (530) 219-15750. For More Information, visit www.sodblitz.org.

2018

Saturday, September 29, 10am to Noon

Gardening Class — Native Plant Gardens: A Watershed Approach

Join us to design your own water-saving, habitat-friendly greenspace. You'll learn to select plants optimal for your specific watershed conditions; be it soil, sun or sea. Use newly-acquired knowledge to make your garden an active player within the environment. Registration is online at mprpd.org, "Let's Go Outdoors." The class will be at the Palo Corona Discovery Center at MPRPD, 4860 Carmel Valley Road. Instructor: Peigi Duvall, Indig Design.

Saturday September 29th to Saturday October 6th

Sierra Club Service Trip - Fort Ord

Sierra Club National Outings will be hosting a week long service trip to the Fort Ord National Monument in Monterey, Sept 29 - Oct 06, 2018.

Participants will assist the Bureau of Land Management with habitat restoration over 4 days, with a free day to hike or explore Monterey.

More details can be found at <https://content.sierraclub.org/outings/service-fort-ord-monterey-california>

Saturday and Sunday, June 9 & 10

MPRPD's 19th Annual Wildflower Show at Garland Park

MPRPD's 19th Annual Wildflower Show at Garland's Visitor Center 10am to 4pm celebrates the diversity of summer wild-flowers in our parks! Volunteers collect and display wildflowers from Garland Ranch, Palo Corona Regional Park, the Frog Pond Preserve and Marina Dunes Preserve. The exhibit is FREE! There will be wildflower walks and other activities. To learn more about the activities and to register, visit: www.mprpd.org or call 831-659-6065. Garland Ranch Regional Park is located at 700 West Carmel Valley Road. CNPS members are invited to assist with flower identification and set-up on Friday, June 8 from 10am–2pm.

Friday, Saturday & Sunday, January 12,13 & 14

44th Annual Santa Cruz 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 Loudon Nelson Community Center and is sponsored by the Fungus Federation of Santa Cruz. Call 831-684-2275 or go to: www.ffsc.us for details.

February 1-3, 2018

CNPS 2018 Conservation Conference

Los Angeles, CA

Every 3 years, the CNPS Conservation Conference brings together California's conservation community for the largest gathering of its kind. Scientific sessions cover a broad spectrum of topics, and special events provide time for collaboration, networking, and fun.

For information about this conference, and to register for the conference, please visit conference.cnps.org.

For students who need financial assistance to attend this conference, our chapter will be offering a student funding stipend.

2017

November 2, 2017

19th Annual Central California Invasive Weed Symposium

“The Worth of Weed Control”

Ecosystem Services, Economics and Invasive Weeds

with Keynote Becky Chaplin-Kramer, Lead Scientist at The Natural Capital Project

Santa Cruz, CA

The Central California Invasive Weed Symposium (CCIWS) is an annual workshop designed to encourage active engagement in the conservation of California wildlands, and it provides an opportunity to meet and network with other like-minded people working (both paid and unpaid) to stop the spread of non-native invasive plants, visit project sites where weed control efforts are in full swing, hear success stories, and earn continuing education units.

To learn more about the conference, and to register, visit www.cciws.org.

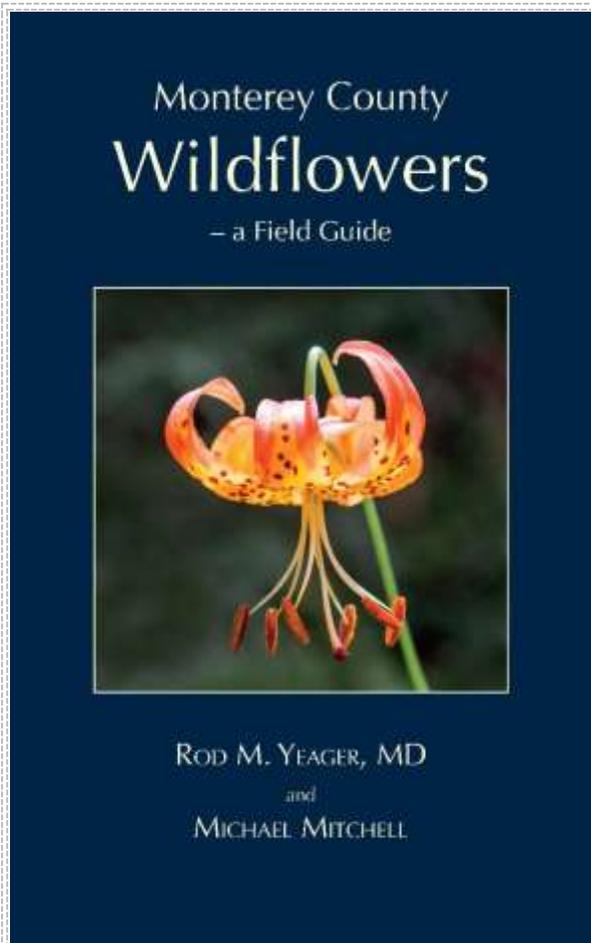
Late March / Early April

Fort Ord - Guided hike within the Impact Area

The date will be determined based on the winter rainfall, timed to coincide with the height of the Wildflower season. The leaders will discuss the management of the impact sites, including munitions clearance, prescribed burns, munitions site security and habitat. See [Fort Ord Cleanup website](#) for further information.

2016

Thursday, December 15,

Monterey County Wildflowers – a Field Guide**by Rod M Yeager, MD & Michael Mitchell**

Monterey County has one of the most extensive and varied floras of any county in California, including over 2,300 taxa in 142 families. This field guide covers about 950 taxa from 97 families. Multiple photographs, arranged by family in color groups, illustrate virtually all the plants and are accompanied by brief descriptions to help identify and differentiate them from others that may appear similar.

Rod Yeager and Michael Mitchell co-authored the popular Wildflowers of Garland Ranch – a Field Guide and the acclaimed website MontereyWildflowers.com. Michael Mitchell is also the author of the chapter's Second Edition of the Mary Ann Matthews' The Plants of Monterey County – an illustrated Field Key.

Please join us to celebrate the arrival of this impressive new book!

[Pacific Grove Museum of Natural History](http://PacificGroveMuseum.org)

165 Forest Avenue, Pacific Grove, CA

4:30pm - 7:00pm

Meet the authors, view many of their wonderful photos, enjoy light refreshments and purchase this 'must-have' new book.

The price is \$29.95 (\$23.95 for CNPS members).

[Download a flyer with more information.](#)

The PLANTS of MONTEREY COUNTY, an Illustrated Field Key, Second Edition by Mary Ann Matthews and Michael Mitchell has arrived! The second edition is updated to reflect current botanical science, yet retains the drawings, clear format and ease of use of the original edition.

To celebrate, please join us at the Pacific Grove Museum of Natural History on Friday, November 6 anytime between 4:00 and 7:00 to meet with the authors, enjoy some light refreshments and purchase your copy. The list price is \$39.95, with a 10% discount (\$33.95) for chapter members.

Also, the book will be available for purchase before our November 12 meeting between 5:30 and 7:00, and during regular business hours at the list price from the Museum gift shop. Please check the chapter's website for updates and other opportunities.

2015

November 5, 2015

17th Annual Central California Invasive Weed Symposium

Into the Weeds: What you can't see and what you can do about it.

Save the Date: Peace United Church, Santa Cruz, CA

For more information, visit www.cciws.org



Saturday, October 3

Sudden Oak Death Blitz - Results Meeting [2015]

Come learn about the results of the spring, SOD Blitz, leaf collection in Carmel Valley! SOD Blitzes inform and educate the community about this forest disease, and get locals involved in detection. Here we will go over a detailed map showing the latest distribution of the disease in Carmel Valley. Join this community meeting to discuss results and consider possible plans for intervention. Hear what you can do to save that specimen oak on your property!

Instructor: Matteo Garbelotto, UC Berkeley.

Ages 13-Adult

6:30pm-8:00 pm

Pacific Grove Museum of Natural History

FREE

Sunday, July 12

2015 Potluck Picnic

from 1:00pm to 4:00pm at the Whispering Pines Park in Monterey

Join CNPS members and guests Sunday, July 12, from 1:00pm to 4:00pm for our Monterey Bay Chapter CNPS potluck picnic! It will be at the Whispering Pines Park on Pacific Avenue just north of Alameda Avenue in Monterey where you can enjoy good food and good company. We'll amble around this lovely small canyon in search of native plants and determine the ecology of the place...right in the middle of Monterey! Please bring an appetizer, salad, bread, fruit or a yummy dessert—Bring your own beverages if you choose. Be prepared for either sun or fog; dress in layers. If you will be attending, please RSVP to Linda Smith by July 8 so that we can plan accordingly. Call her at 410-562- 4813 or email her at lindasmith411@comcast.net with your name and the number in your party.

2014

Saturday, September 27, 2014

Elkhorn Slough Reserve - Open House & Native Plant Fair

9:30am-2:00pm - 1700 Elkhorn Road, Watsonville, CA

The Elkhorn Slough Reserve welcomes the community to its Open House & Native Plant Fair this Saturday, September 27, celebrating National Estuaries Day. Activities and presentations are scheduled from 9:30am–2:00pm. The event is free and open to the public.

For more information, please visit www.elkhornslough.org or call (831)728-2822.

Saturday, July 19

Chapter Potluck Picnic [2014]

1:00pm to 4:00pm

Indian Village Picnic Grounds

Join CNPS members and guests Saturday, July 19, from 1:00pm to 4:00pm for our Monterey Bay Chapter CNPS potluck picnic! It will be at the Indian Village Picnic Grounds in Pebble Beach where you can enjoy good food, good company, and guided wildflower walks (coastal dunes and the Monterey pine forest).

Please bring an appetizer, salad, bread, fruit or a yummy dessert—Linda Smith has offered to make turkey chili. Bring your own beverages if you choose. Be prepared for either sun or fog; dress in layers. If it's a chilly day we might use the large fire pit to warm up!

For a map and directions to the Indian Village, go to:

www.delmonteforestconservancy.org/indian_village.html and click on 'View Map.' The gate next to the Gingerbread House will be open so that you may park at the picnic area— it is handicapped accessible.

If you will be attending, please RSVP to Linda Smith by July 15 so that we can plan accordingly. Call her at (410) 562-4813 or email lindasmith411@comcast.net with your name and the number in your party. We will need to limit the number of picnickers this year, so please contact her as early as you can.

You will be given free entrance into Pebble Beach by informing the gate attendant at any entrance gate that you are attending the CNPS picnic at the Indian Village. Monterey Bay CNPS Picnic

2013

Sunday, September 15

Chuck Haugen Conservation Fund - Annual Picnic [2013], 10am to 2pm

Toro Park, Buckeye Picnic Area

CHCF throws out the red carpet once a year and brings together volunteers and staff who work for the conservation of our local ecosystems. Please join us for this year's picnic at Toro Park. It will be at the Buckeye Picnic Area, 501 Monterey-Salinas Hwy, Salinas. We will provide two main dishes including one vegetarian option, plates and utensils. Please bring a side dish. Please RSVP at picnic@chuckhaugen.org or call (831)275-0395.

Chuck Haugen Conservation Fund (CHCF) started in 2004 two years after Chuck died "on the job" volunteering at the Fort Ord National Monument due to allergic reactions to yellow jacket stings. Chuck inspired those around him while volunteering for several local conservation organizations.

[Toro Park, Buckeye Picnic Area](#)

501 Monterey-Salinas Highway 68, Salinas, CA
10am to 2pm

Sunday, July 14

Monterey Bay Chapter Potluck Picnic

Indian Village Picnic Grounds in Pebble Beach

Join CNPS members and guests Sunday, July 14, from 1:00pm to 4:00pm for our Monterey Bay Chapter CNPS potluck picnic! It will be at the Indian Village Picnic Grounds in Pebble Beach where you can enjoy good food, good company, guided wildflower walks (coastal dunes and the Monterey Pine forest), and horseshoe tossing.

Please contribute an appetizer, salad, bread, fruit or a yummy dessert—Linda Smith has offered to make a turkey chili. Bring your own beverages if you choose. Be sure to dress in layers—be prepared for sun or fog. If it's a chilly day we might use the large fire pit to warm up!

For a map and directions to the Indian Village, go to:

www.delmonteforestconservancy.org/indian_village.html and click on 'View Map'. The gate next to the Gingerbread House will be open so that you may park at the picnic area— it is handicapped accessible.

If you will be attending, please RSVP to Linda Smith by July 8 so that we can plan accordingly. Either call her at (410) 562-4813 or email lindasmith411@comcast.net with your name and the number in your party.

You will be given free entrance into Pebble Beach by informing the gate attendant at any entrance gate that you are attending the CNPS picnic at the Indian Village.

Saturday, May 4th

Carmel Valley Sudden Oak Death Blitz [2013]

Workshop:, 1pm to 3pm

Help Save California's Native Oaks by participating in the 2013 SOD Blitz. UC Berkeley is hosting a meeting at Monterey Peninsula Regional Park District's, Garland Park Museum to help survey for Sudden Oak Death. SOD is an invasive pathogen that is threatening the survival of tanoaks and several oak species in California. The yearly SOD Blitz survey is one of the largest citizen-scientist efforts in the country. You will learn how to identify symptoms associated with SOD and leave equipped to take samples that are vital to understanding and tracking the progress of the disease.

For more information, visit the SOD website at <http://www.sodblitz.org>, or contact Kerri Frangioso at 530-219-1575.

Saturday, April 20

Native Plant Sale

Regional Parks Botanic Garden

10:00am-3:00pm

The native plant garden opens at 8:30am, then at 10:00am, shoppers will be allowed to enter the display areas. Staff members and volunteers will be available to answer questions, and can suggest plants that grow well in different soil and climate conditions.

All proceeds from the sale will directly benefit the Garden. Please bring empty boxes to carry your treasures home. Cash, checks, VISA, M/C, Amex are accepted. There is no entrance admission fee or parking fee.

[The Regional Parks Botanic Garden](#) is located in Tilden Regional Park, on Wildcat Canyon Road and Anza View Road, in Berkeley, CA. For more information, call (510) 544-3169.

Strategic Community Fuelbreak Improvement Project [2013]

Recently, the Los Padres National Forest circulated a scoping letter seeking responses for a proposed fuelbreaks in the Los Padres National Forest and the Ventana Wilderness, which they are calling the Strategic Community Fuelbreak Improvement Project (SCFIP). This month, Greg Suba, Conservation Program Director of the CNPS State Office and Brian LeNeve, President, CNPS Monterey Bay Chapter state and chapter CNPS sent a response letter to Jeff Kwasny, Resource Officer of the Los Padres National Forest (LPNF). This response letter included a copy of the CNPS Native Plants and Fire Safety Policy, and urged the Los Padres National Forest to take into account the following points:

1. The SCFIP must incorporate measures that address fire hazard reduction within the defensible space immediately around existing structures.

2. Fuelbreaks planned under the SCFIP are excessively wide and will cause greater harm than they will provide benefits.
3. Fire pre-suppression activities in the Ventana Wilderness must be consistent with the Big Sur Wilderness and Conservation Act protecting wilderness values.
4. The use of mechanical equipment, including chainsaws, in the Ventana Wilderness is inconsistent with the Wilderness Act and cannot be allowed under the SCFIP.
5. Full floristic botanical surveys performed at the appropriate season will be incorporated.
6. We ask that future SCFIP public hearings should occur on the Monterey Peninsula, where many forest users live.

[A more detailed summary of the CNPS response is in the March newsletter.](#)

[A complete copy of the CNPS response letter is available here.](#)