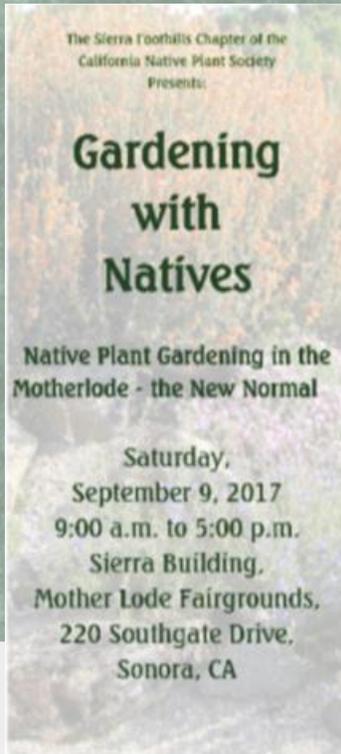




The Shooting Star



5X *Platanthera yosemitensis* in Monroe Meadow, Glacier Point Road Field Trip, July 29, 2017. Photo: Douglas Krajnovich



Platanthera yosemitensis in Monroe Meadow, Glacier Point Road Field Trip, July 29, 2017. Photo: Douglas Krajnovich

CNPS NATIVE PLANT SALE OCTOBER 21st

We are in special need of volunteers with trucks or SUVs to load plants the night before and deliver them the morning of the sale. Reminder that volunteers get to select plants before the sale is open to the public. We also need cashiers and tag pullers. So email Stephanie at sjgarcia@mlode.com to volunteer.

Our sale is on Saturday, October 21, from 9 am until Noon. We will be at the same location: Rocca Park, Main Street, Jamestown. We will have many different species of shrubs and perennials that need minimal water, once established, during our hot summer months. At the sale, there are always many knowledgeable people to answer your questions and help you choose the appropriate plant for your location.

September General Meeting Program

With the September 9th Gardening with Natives Symposium looming only 2 days after, we will not have a regular Thursday night speaker and program on September 7th. Instead, we will use that time to collate handouts for the symposium into information packets. We would love to have your help with this task to make it go more quickly. We'll get started at 6pm at the Tuolumne County Library meeting room, 480 Greenley Rd. in Sonora. No need to sign up. Just come on in.

CALENDAR OF CNPS EVENTS

August 19—POSTPONED—field trip to Gaylor Lakes.

September 7 — Preparation for Symposium. 6:00 pm at Tuolumne County Library meeting room, 480 Greenley Rd., Sonora.

**REGISTER EARLY TO RECEIVE
EARLY BIRD PRICING
(BEFORE SEPTEMBER 1ST)
FOR GARDENING WITH
NATIVES SYMPOSIUM!!**

September 9 — Gardening with Natives Symposium, Sonora Fairgrounds, Sonora

October 14—Fall Colors Field Trip

If you change your mailing or e-mail address, be sure to send a note to Jennie Haas. This will

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Groveland, CA 95321
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California Native Plant Society
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Sacramento, CA 95816
www.cnps.org

Sierra Foothills Chapter
www.sierrafoothillscnps.org

*Dedicated to the Preservation of California
Native Flora.*

Field Trips

The July 29th Rare Plant Treasure Hunt, Rare Plants of Glacier Point Road Meadows had a good turnout with Yosemite bog-orchid making an impressive showing. Trip leaders Peggy Moore and Alison Colwell report, “we had a productive field trip and Rare Plant Treasure Hunt in some meadows along Glacier Point Road in Yosemite National Park. Our group of nine plant enthusiasts re-surveyed two populations of Yosemite bog-orchid (*Platanthera yosemitensis*, Rare Plant Rank 1B.2) last surveyed in 2003 and 2004. Following several years of drought, the abundant moisture of last winter translated into exuberant flowering for many meadow species at this elevation. The bog orchids, which had relatively few flowering stalks observed in recent years, joined the spectacle: flowering individual counts increased in number from 45 (in 2003) to 86 at the first population and from 193 (in 2004) to 843 at the second. This trip was well-timed with regard to flowering of other target species, so we saw Bolander’s clover (*Trifolium bolanderi*, Rank 1B.2), Yosemite ivesia (*Ivesia unguiculata*, Rank 4.2), Bolander’s mock dandelion (*Phalacroseris bolanderi*, Considered [for CNPS listing] but Rejected), and Clark’s ragwort (*Senecio clarkianus*, Considered but Rejected) in bloom. The region’s other two bog-orchids were flowering as well, white-flowered bog-orchid (*Platanthera dilatata* var. *leucostachys*) and sparse-flowered bog-orchid (*P. sparsiflora*). The dominant meadow species in bloom on Saturday included bistort (*Bistorta bistortoides*), Parish’s yampah (*Perideridia parishii*), primrose monkeyflower (*Mimulus primuloides*), Bigelow’s sneezeweed (*Helenium bigelovii*), little elephants head (*Pedicularis attollens*), and streambank bird's-foot trefoil (streambank lotus, *Hosackia oblongifolia*.” Thank you to both Peggy and Alison for leading this important and informative field trip.

Thunderstorms in the Yosemite high country required us to reschedule the Gaylor Lakes field trip to Saturday August 19th when the weather was expected to be a bit calmer. We’ll have a report from that trip in the October Shooting Star. A still-lingering snow pack on the north-facing aspects of the highest peaks where the alpine spring beauty (*Claytonia megarhiza*) resides forced a rescheduling of that Rare Plant Treasure Hunt, to a date as yet to be determined at press time. Contact David Campbell if you are interested, 612-867-8700, moonwort.campbell@gmail.com.

We have no field trips scheduled for September. Our next, and final 2017 field trip will be our annual Fall Colors Field Trip on October 14. Read all about it in the October Shooting Star.

-- Jennie Haas, Field Trip and Membership Coordinator

CRITICAL NEED FOR A NEW TREASURER

We have a critical need for a volunteer to step forward and take on the role of Treasurer. This member of the Chapter Board of Directors manages the budget, pays the bills and reports on the account balances to the board once per month. Contact Bob Dean, (209) 754-5887, goldrushdean@yahoo.com if you are interested.

Last Call for Gardening with Natives Symposium Registrations

Last month we spotlighted some of the speakers we're featuring at the 2017 Gardening with Natives Symposium, Saturday, September 9th, in Sonora at the Mother Lode Fairgrounds. We're going to sweeten the pot a little with profiles of the remaining speakers plus tell you about the extras that we're offering this year. So if you are *still* not sure if you want to come, please do read on.

There will be several businesses and organizations exhibiting gardening equipment and supplies and doing demos. The Tuolumne Resource Conservation District will have their demo of rain water catchment and grey water reuse. Grey water is water that comes out of the clothes washer and which can be used to water landscape plants.

We'll also be raffling off native plants donated by Canyon Creek Nursery plus gift certificates from local nurseries. This is a great opportunity to acquire one of the awesome plants featured in John Whittlesey's talk about plants for pollinators or go shop for that special plant or garden accent that you've been wanting.

Susie Kocher is the University of California Cooperative Extension forestry advisor for the Central Sierra (El Dorado, Amador, Calaveras, and Tuolumne county). She has a MS in Forestry and a BA in Anthropology. Her specialties include forestry, fire and water quality. She has co-authored numerous peer reviewed and non-peer reviewed articles.

Susie is Chair of the Central Sierra Cooperative Extension's UC Agriculture and Natural Resources (UC ANR) Working Group for Climate Change Adaptation. This workgroup is made up of experts from the UC ANR and external scientists to collaborate on research and extension projects specific to climate change adaptation of California agriculture.

Susie has conducted applied research, outreach and education in our area for 10 years, focusing on forest management, and recovery from disturbance including wildfire and insect outbreak. She is a California Registered Professional Forester. You can read more about her background and the work she has been doing at her work profile page: <http://ucanr.edu/?facultyid=2869>.

Susie's talk, titled *What to Replant After the Trees Die*, will focus on California native trees suitable for growing in our area, with an emphasis on locally native trees. She'll explain proper placement in the defensible space of your home. She'll also explain how to choose the right species for your elevation, giving consideration to our widely swinging yearly weather patterns.

George Kirk was born and raised on the San Francisco peninsula. His early interest in art and gardening led him to his first summer job working for a landscape contractor. After studying art in college and working for several landscape companies, George started his own design and build landscape company in the Bay Area when he received his Landscape Contractor's License in 1976. He added a Landscape Architect's License in 1986. That same year, Solomon's Gardens established a wholesale/retail nursery located on Blue Bell East in Sonora. The design and installation business operated in both the Bay Area and Tuolumne County until 1998, but George has focused his efforts solely in Tuolumne and Calaveras Counties since then. A full-time resident of Tuolumne County since 1982, George and his wife, Cyndi, have six children and seven grandchildren. You can learn more about George's business at <https://www.solomonsgardens.net/>.

George's talk, *The shift to Natives in 2017*, will focus on landscape design principles, including new design strategies which are raising California native plants into long-deserved prominence in the home landscape. Public awareness and increased availability of native plants for the home garden have created opportunities to create visually pleasing landscapes which are water-wise and adapted to our foothill climate. George will teach us how to select the right placement for the various types of plants, taking into consideration the amount of sunlight available and water and space requirements.

Toby O'Geen, Ph.D., is a Professor and Soil Resource Specialist in the Cooperative Extension in the Department of Land, Air and Water Resources at UC Davis. He is a native Californian raised in Calaveras County with degrees in soil science at Cal Poly (B.S.), Washington State University (M.S.) and University of Idaho (Ph.D.). His research program is fairly diverse, but attempts to focus on one central theme, the application of soil-landscape relationships to address issues related to agricultural productivity, environmental quality and natural resource management. Recent research focuses on: 1) the efficacy of constructed wetlands to filter agricultural tailwaters ultimately destined for surface water bodies; 2) assessment of soil ecosystem services in rangelands; 3) connectivity between streams and hydrologic flow paths in rangeland soils; 4) repackaging soil survey into decision support tools for land management; and 5) new soil survey delivery mechanisms (apps) for the public <http://casoilresource.lawr.ucdavis.edu/soilweb-apps>. He teaches two classes at UC Davis, *Soils in Land Use and the Environment* and a summer field class that tours California describing soil profiles. More information about his programs and research can be found at <http://casoilresource.lawr.ucdavis.edu/>.

Soils are Mother Nature's canvas. As such, the trained eye can learn a great deal about natural processes simply by interpreting soil characteristics. Dr. O'Geen's talk will focus on key observations used to diagnose soil health. He'll discuss regional patterns of soils in the Sierra Foothill Region and across the west slope of the Sierra Nevada. While often difficult to "fix" problem soils, he will address some fundamental properties of our foothill soils that influence plant growth and discuss things that we can do to promote soil health.

Remember that refreshments and lunch are included in your registration fee. Lunch will include a sandwich and freshly made salad catered by a local business. We'll have plenty of iced tea and coffee on hand. There is also a vegetarian option for lunch. Just let us know on your registration form that you prefer a vegetarian lunch.

Registration is \$40, if paid by September 1st. At the door, registration is \$50. Early registration helps us get an accurate count for lunches and handouts. We hope to see you there!

CNPS Sierra Foothills Chapter
 19287 James Circle
 Groveland, CA 95321

RETURN SERVICE REQUESTED

Chapter Officers and Chairpersons				JOIN NOW	
All phone numbers are 209 area code unless otherwise specified.					
PRESIDENT	Robert Dean	754-5887	goldrushdean@yahoo.com	PLEASE INCLUDE ME AS A CNPS MEMBER!	
VP AMADOR CO.	OPEN			Student/Retired/Limited income ...\$25	
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CONSERVATION CHAIR	OPEN			Benefactor \$600	
EDUCATION CHAIR	Margaret Klein		kleinpeg@gmail.com	Mariposa Lily..... \$1,500	
FIELD TRIP COORD.	Jennie Haas	962-4759	jhaas953@gmail.com	As always, donations above the membership level chosen will be greatly appreciated.	
GROWING AREA MGR.	Stephanie Garcia	586-3593	sjgarcia@mlode.com	Name _____	
HOSPITALITY COORD.	OPEN			Address _____	
INVASIVE EXOTICS	Rebecca Andrade	591-7996	r.andrade218@gmail.com	City _____ State _____ Zip _____	
MERCH./SALES COORD.	Diane Williams	586-1557	dianewilliams3664@gmail.com	Telephone _____ E-mail _____	
MEMBERSHIP COORD.	Jennie Haas	962-4759	jhaas953@gmail.com	(Dues and gifts to CNPS are tax deductible)	
NEWSLETTER EDITOR	Quinn Young	272-4546	quinnyoung26@gmail.com	<input type="checkbox"/> I Wish to affiliate with the Sierra Foothills Chapter.	
PLANT SALES CHAIR	Judy Dean, Stephanie Garcia	754-5887 586-3593	goldrushdean@yahoo.com sjgarcia@mlode.com	Please make your check payable to "CNPS" and send it to: 2707 "K" street, Suite 1, Sacramento, CA 95816 Tel. (916) 447-2677.	
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