President's Message

Shasta CNPS Chapter has been up to quite a bit in the past months to support its mission to conserve California native plants and their natural habitats, and increase understanding, appreciation, and horticultural use of native plants. In all we do in the Shasta Chapter, this mission guides us. As the new Chapter president, I am so excited that I get to work with each of you to achieve this mission. Throughout this issue of the Firecracker, you will see all sorts of opportunities to participate in advancing this mission yourself. From attending fieldtrips, to propagating plants, to hearing speakers at Chapter meetings—all of these activities help us achieve our mission.

One thing I have been thinking a lot about recently is how science relates to the work we do here at Shasta Chapter CNPS. When I am out on a fieldtrip enjoying native plants or working in a greenhouse to propagate plants, or involved in the myriad other activities that CNPS offers, I am not often thinking about science. I am thinking about meeting new people throughout the organization, seeing new places, and learning new things. But recently, I am beginning to realize just how tied science is to what we do and why we do it.

Often “science” is thought to be something that happens far away in a lab somewhere, by professionals who have had specialized training. While this type of science does occur, there are a lot of valuable scientific achievements that are only accomplished with the support, leadership, and enthusiasm of citizen scientists. Citizen science is the concept that all people can contribute to scientific observations and research. It is the idea that we shouldn’t keep “science” locked away in a lab somewhere, but rather contribute and engage with the process as regular people. There is one catch to citizen science though—it can’t happen without us! We have to be the ones putting out the effort! So as you move through the next few months of Shasta Chapter activities, I encourage you to take some time to think about how you can contribute as a citizen scientist.

This past month, Cynthia Powell, the executive director of Calflora, came to speak to our chapter about the amazing tool that Calflora can be for plant enthusiasts. I know I use this website pretty much everyday! But, this website is only as good as the information that individuals have submitted to it. So next time you are out looking at plants, consider adding some observations to Calflora to help contribute to this amazing resource.

I recently wrote an article for the Redding Record Searchlight’s May 6 Home & Garden section, all about phenology—the study of the cyclic nature of natural phenomena, like the flowering of a certain plant or the arrival of a certain bird species for the summer. Recording phenology and reporting it with online databases or smartphone apps can help quantify important conservation information, like the way that climate change is affecting our native ecosystems.

Other opportunities for citizen science include stream cleanups, rare plant monitoring, and advocating for native plants in our gardens. These are all topics that Shasta Chapter CNPS has the ability to substantively contribute to, and these are all excellent ways that we can contribute to the CNPS mission. However, I am sure that these aren’t the only ways we can contribute to conservation and plant science as a chapter! We need your new ideas as well! If you have an idea for a small (or large!) project or activity that you think could help the Chapter move forward with its mission and its contributions as citizen

President’s Message continued on page 2.
President’s Message, continued from page 1.

With such a big group of dedicated volunteers and plant lovers, it is amazing what can be accomplished with a little enthusiasm and motivation! Additionally, the executive board is currently looking for new members-at-large to help guide the Chapter in continuing to achieve its valuable mission, so let me know if you are interested in contributing to the Chapter in that capacity.

Enjoy the spring, and I hope to see you out there, doing some science and exploring the mysteries and delights that native plants can provide! 🌸

- Laura Brodhead, President, Shasta Chapter CNPS

Scholarships Available

Shasta Chapter CNPS is offering our annual scholarship for the 23rd year, in the amount of $2,000 to reflect both plant sale income generated by the work of volunteers, and to recognize the increased cost of a college education. To qualify for this scholarship, a student must be graduating from a high school or community college within our Chapter area (Shasta, Siskiyou, Modoc, and Lassen counties), and must be going into a four-year natural science bachelor degree program. Scholarship applications and announcements have been sent out to all of our regional high schools, community colleges, and media outlets. The deadline for applications is Friday, May 5. Anyone interested in an application form can find it on our website at shastacnps.org.

The Scholarship Committee will be reviewing the submitted applications and expects to announce the recipients at the May 18 Chapter meeting. The recipients will be introduced at the June picnic meeting at Anderson River Park on June 15. If you have any questions about the scholarship program, please call me at 530/221-0906.

-Jay Thesken, Scholarship Committee Chair

Mother’s Day Wildflower Show

The 24th Annual Siskiyou County Wildflower Show on Mother’s Day Sunday, May 14, is bound to be another record showing due to the plentiful spring rains! Held in the Flower Building at the Siskiyou Golden Fairgrounds in Yreka (coming from the south, take the first Yreka exit on I-5, bear right to the stop sign, then left to the fairgrounds entrance), you can expect displays of live trees, shrubs, perennials, annuals, weeds, mosses, and lichens. The partnership between the Klamath and Shasta-Trinity national forests and Shasta Chapter CNPS has developed over the years to provide an educational opportunity for the community at which we provide information on native plant gardening and a variety of other topics. Erin Lonergan, Forest Botanist for the Klamath National Forest, leads the event with a cadre of dedicated botanists and volunteers who assist in putting the show together.

For the fifth year in a row, we will have a wildflower photography contest. Entries will be judged by public vote at the show, and there will be prizes for 1st, 2nd, and 3rd places. Winning photos will be posted on the Klamath National Forest website. Contact Danika Carlson at 530/468-1225 or dcarlson02@fs.fed.us for more information on the contest. Entry forms can be found online at www.fs.usda.gov/news/klamath/news-events.

There will be t-shirts, books, posters, plants, and other CNPS items for sale at the event. For more information, contact me at 530/841-4403.

- Erin Lonergan, Forest Botanist, Klamath National Forest

Modoc Vegetation Sampling

The CNPS Vegetation Program will be surveying some BLM lands in the Modoc this summer. This project is being funded by BLM as part of a multi-region mapping effort, and we are very excited to do surveys in the Modoc because we have very little vegetation data for this important region.

We would appreciate any input chapter members may have about these areas such as rare species, rare or unique vegetation types, or other general knowledge that may be had. If there are species lists for any of these areas, that would be very helpful as well.

We would also like to extend an invitation to chapter members who may be interested in joining us in the field, assisting with plant identification, and/or assisting with vegetation sampling if they have some prior knowledge of our relevé-rapid assessment protocol.

Our time in the field is limited and dependent on phenology and road conditions. We are currently scheduled to begin field work the week of June 12 and then to be in the field alternating weeks until the week of July 10.

If you might have information to share, or if you are interested in assisting our staff in the field, please get in touch with me a soon as possible. I am happy to send anyone interested a map of the area under consideration.

-Jaime Ratchford, Associate Vegetation Ecologist, CNPS; jratchford@cnps.org; 541/602-0252
24th Annual Mother’s Day
Siskiyou County
WILDFLOWER SHOW

Sponsored by:
Klamath and Shasta-Trinity National Forests
Shasta Chapter of the California Native Plant Society

Sunday, May 14th, 2017 • 10am to 4pm at the Siskiyou Golden Fairgrounds in Yreka, California
Hundreds of native plants on display • Wildflower photo contest • Books • Posters • Wildflower art
For more information call: Erin Lonergan at 530.841.4425

Photography and Design by Ken DrCamp
ProPagatioN aNd sPriNg PlaNt saLe

Rain, wind and blowing rain, and more rain did not deter our dedicated plant sale and propagation helpers from making our April 6–8 Spring Plant Sale a successful one! Despite the stormy weather, we had a group of 16 helpers to set up the Plant Sale on Wednesday, April 5, and help with the member’s pre-sale that evening. Over the next three days, 24 CNPS members took various shifts of the Plant Sale to sell and enthusiastically disperse helpful information about our 1,700-plus native plants. We sold more than half of our inventory, with about 800 plants left for the upcoming Fall Plant Sale on October 7. Enthusiastic buyers came out in the soggy weather, especially on Thursday morning, to get first choice of plants. On Saturday, skies cleared and we ended the sale on a sunny note, with crowds showing up first thing in the morning.

Many thanks to the dedicated CNPS propagators and helpers who made our Spring Plant Sale educational and fun. Propagation in 2016–2017 entailed more than 14 members showing up for each session all winter. Most of the propagation sessions this year had to be held in the greenhouses at Shasta College because of inclement weather! We are, however, grateful for the rain as it makes our job much easier by not requiring hand watering through the winter. The plants also seem much healthier.

The proceeds from plant sales go to support our scholarship program, Acorn and Oak Tree grants, our Norcal Botanists research grant, and generally keep our Shasta Chapter running throughout the year.

If you are interested in volunteering to check on the watering for our plants for a week during the summer (2 to 3 visits during a week, for about 10 minutes each time), please contact me at 530/221-0906 to sign up.

-Terri Thesken, Plant Sale & Propagation Chair

Robin Fallscheer (center, in hat) helping customers choose plants on the only dry day of the Spring Plant Sale, April 8. Photo by Jay Thesken.
CONSERVATION CHAIR CHATTER

SHASTA-TRINITY FLY FISHERS’ TROUT IN THE CLASSROOM

Analia Bertucci (representing the Western Shasta Resource Conservation District) and I had stations set up at the Shasta-Trinity Fly Fishers’ Trout in the Classroom event at Whiskeytown National Recreation Area where 200 to 250 third and fifth graders circulated amongst the various stations at the event. Analia had a neat display using a floodplain model showing how changes in the watershed (such as weather and urbanization) can affect the ecosystem and watershed functions. The demonstration inspired discussion and held the interest of both students and adults. I showed students native plants and their uses, such as soap plants, bedstraw, and gray pine cones (whole, eaten by gray squirrels, and seeds).

LEadership redding

Kim Stempien asked CNPS to be represented at Leadership Redding’s Conservation and Recreation Day. Kim had taken over the program late in the game and really wanted CNPS to be included. So, as no one else was available, I represented CNPS, which involved sitting at a table and telling rotating groups of students about the Shasta Chapter, and handing out our newsletter and plant sale flyers. Mindy Graves had represented Natural Resources Conservation Service at an earlier forum, and Tom Engstrom represented Sierra Pacific Industries under a forum entitled Conservation? Redding City Council member Kristen Schreder was there.

Horsetown Clear Creek Preserve

I led a fieldtrip and had 64 people show up. We had the first clear weather in a long time. About 12 CNPS members and three or four students from my plant class were there.

Shasta Land Trust Wildways

Jay & Terri Thesken led a sold-out fieldtrip of 35 people to Hog Lake on April 21. I led one to Oregon Gulch for 25 to 30 people including Redding City Council member Julie Winter and her husband. Wintu Audubon members Dan Greaney and Bill Oliver identified various birds at that event.

A Calflora Great Place

Check out Tessa Blevins’ Calflora Great Place at Millville Plains! www.calflora.org/app/ipl/iplx?loc_id=gpi155 Nice work, Tessa! $-

Whole Earth and Watershed Festival

The Whole Earth and Watershed Festival on Earth Day, April 22, at Redding City Hall was a resounding success and well worth the time and effort. The festival was crowded with people throughout the day. During peak times, we would sometimes have four people at our booth looking at our literature and plants on display, with several people waiting behind.

We set out a number of wavyleaf soap plants, mugwort, bedstraw, and fiddlenecks, among other plants. The soap plants were most popular as several were cut open to display the storage bulbs, and we broke off pieces of the leaves for people to feel how soapy they felt. A bundle of dried fibers from the plant demonstrated how Native Americans in the past used the plant as a small broom.

Besides selling a number of tickets to our Native Plant Garden Tour, we introduced CNPS to several hundred people. Many thanks to those who helped out with the booth for this fun event: Robert Harberger, Patti Heitt, Karen Little, Chris Gray, Vickie Hall, Doug Mandel, Shirley Martin, Laura Brodhead, Miriam Johnson, Kim Stempien, Betty Harner, and Yo Sadohara. $-

-David Ledger,
Conservation Chair
**FIELDTRIP FOLLOW-UPS**

**BAILEY COVE AND WATERS GULCH TRAILS, FEBRUARY 25**

We had seven people show up for this cold, morning fieldtrip, with snow on the Shasta Caverns cliffs across the lake. A few milkmaids were in bloom, but little else. Bush poppy, maidenhair fern, California bay, creeping sage, and chaparral clematis leafing out, among many other plants, were seen on the three-mile Bailey Cove Trail. At Waters Gulch, we walked a short section and saw Shasta maidenhair fern (*Adiantum shastense*), Oregon grape, and Sierra gooseberry in bloom, while Shasta snowwreath was just starting to leaf out. Milkmaids, alum root, and three sanicles—Sierra snakeroot, turkey pea, and Pacific snakeroot—were in bloom. $\textit{-David Ledger}$

**SNAIL TRAIL, SWASEY RECREATION AREA, MARCH 4**

The Snail Trail is a fairly new trail in the Swasey Recreation Area; it’s a little under five miles with an elevation climb of 850 feet. As for most fieldtrips this year, the day was overcast with ominous skies. While we had been lucky to keep dry on all other fieldtrips, it started raining about 20 minutes after we started on this one. The trail winds through a mixed oak woodland into a blend of mixed conifer, canyon live oak, and chaparral, depending on the aspect of the trail. Many milkmaids, Henderson’s shooting stars, and hound’s-tongues were in bloom, along with scattered foothill lomatium and turkey pea (*Sanicula tuberosa*). Eight people went on this hike, even two who didn’t bring umbrellas and got quite wet, but everyone had a good time. $\textit{-David Ledger}$

**PURPLE ELM TRAIL, MARCH 11**

Our Saturday, March 11, fieldtrip on the Purple Elm Trail in Redding was led by *Jay & Terri Thesken*, with about 3.5 miles of walking. Seven folks showed up for the first sunny day we’d had in a while, and the early spring wildflowers were impressive. In the first hundred yards on the trail, we encountered big stands of Indian warrior in full bloom, along with patches of shooting stars. Other bloomers included wild cucumber (manroot), white-leaf manzanita, buckbrush, western redbud, bedstraw, bluedicks, redmaids, hound’s-tongue, popcorn flower, scarlet fritillary, pussy ears, and Pacific snakeroot. Many plants sported brand new leaves, such as black oak, California buckeye, keckiella, yerba santa, spicebush, poison oak, honeysuckle, mules ears, wavyleaf soap plant, and whitestem frasera. We ate lunch at the “Top of the World,” with great views of a very verdant Redding and surrounding snow-covered mountains. $\textit{-Terri & Jay Thesken}$

**MILLVILLE PLAINS, MARCH 19**

Millville Plains did not disappoint us this year—it was wildflowers galore, especially in the fields with cattle grazing, which seems to stimulate the flowers if not overgrazed. Tidy tips and goldfields were the dominant flowers; most of the yellow carpets had already set seed. First we stopped at Bascom Road and found butter and eggs, miniature lupine (*Lupinus bicolor*), valley tassels, foothill plantain, California sandwort, and redmaids. At two other stops on Millville Plains Road, we saw lace pod, spoke pod, valley sky lupine (*L. nanus*), Lobb’s poppy, shining peppergrass, and woolly meadowfoam. We had overcast skies, but no rain. On the return to Redding, we stopped at the Lumber Jack vernal pools, but little was blooming as the ponds were still filled with water. Nine people went on this fieldtrip. $\textit{-David Ledger}$

**MYSTERY TRAIL NEAR WHISKEYTOWN NRA, MARCH 17**

Calflora’s new executive director, *Cynthia Powell*, who spoke at our March 16 meeting, said she wanted to view the native plants of our area on a trail that would also be a vigorous aerobic workout, so we hiked three miles up Grizzly Gulch in Whiskeytown National Recreation Area. Seven of us hiked up the 1,600-foot climb to the ridge, hiking through riparian, chaparral, and canyon live oak habitats, and up into mixed conifer near the top. Cynthia demonstrated how to post native plant sightings on Calflora using a smartphone during the fieldtrip. A section of this trail has a shaded rock cliff thick with moss and liverworts, which was overlain with wetlands vegetation. $\textit{-Terri & Jay Thesken}$

Fieldtrip Follow-ups continued on page 7.
rock polypody (*Polypodium calirhiza*) and Pacific sedum, and had an overstory of canyon live oak, white alder, and bigleaf maple. Along this damp section are spice bush, California blackberry, mugwort, and buckeye. We all got a good workout and had a good time on this hike. Thank you, Cynthia! 🌿

**SPANISH BROOM REMOVAL, APRIL 1**

This Broom Bash was held on the north Sacramento Trail on the east side of the trail, away from the river, to prevent the spread of Spanish broom into the brush on the bluff above the river. The worst of the broom infestation on the west side of the trail has largely been removed by Randy Smith and his volunteers. A big thank you to Sarah Brady from McConnell Foundation who brought four of her interns, and Peter Alexander from Friends of Redding Trails who brought a volunteer. We also had two students from the Shasta College Natural Resources Club. We took out every visible broom we could find, pulling many and cutting the rest at the base. It will require additional touch-up in a month, but the worst is done. Thanks to everyone who helped out; it is really appreciated. 🌿

- David Ledger

We also saw numerous large, pink-flowered shrubs that we discovered were tamarisk, an invasive shrub. About 20 miles south of Stonyford, the paved road ended and turned into a smooth gravel road with little traffic, allowing us to make numerous stops whenever we saw interesting flowers. Soon we reached The Nature Conservancy’s conservation easement thick with wildflowers, putting Millville Plains to shame. South of here we saw death camas, live forever, and leather oaks on the serpentine soils near Highway 20. Nineteen people made this all-day, 250-mile driving tour. 🌿

- David Ledger

**BEAR VALLEY AND SITES RESERVOIR, APRIL 15**

For this driving fieldtrip, we had 19 people and 8 cars. We first stopped several times along the road just west of Maxwell in the valley where the proposed Sites Reservoir will be. Ithuriel’s spears were quite common, as were fiddlenecks, royal larkspur, miniature lupine, and an *Allium* species. This is a long narrow valley that will have two large dams and several saddle dams installed; water will be pumped in from the Sacramento River in winter and then dispersed to several water districts in the spring and summer.

We made a stop at Stonyford and then drove to the nearby East Park Reservoir for lunch. This reservoir has a 129-foot tall concrete dam built using largely manpower, horsepower, and steampower, in 1910. Then we drove south towards Bear Valley, seeing numerous fields of tidy tips and California poppies, and a herd of about 12 tule elk. All cars stopped to get out and view the elk, who shortly got nervous and trotted off, out of sight.

We also saw numerous large, pink-flowered shrubs that we discovered were tamarisk, an invasive shrub. About 20 miles south of Stonyford, the paved road ended and turned into a smooth gravel road with little traffic, allowing us to make numerous stops whenever we saw interesting flowers. Soon we reached The Nature Conservancy’s conservation easement thick with wildflowers, putting Millville Plains to shame. South of here we saw death camas, live forever, and leather oaks on the serpentine soils near Highway 20. Nineteen people made this all-day, 250-mile driving tour. 🌿

- David Ledger

**Fieldtrip Follow-ups, continued from page 6.**

...
CNPS Workshops and Professional Training

The following workshops are offered by CNPS. Discounted registration fees are available to CNPS members. See cnps.org/workshops for a full description and registration information. Please contact Becky Reilly at breilly@cnps.org or 916/447-2677 ext. 207 for further information.


June 7–8. Rare Plant Survey Protocols. (Location: Redding and Hog Lake, Tehama County.) Heath Bartosh and Aaron Sims.

Siskiyou Field Institute Events

Below are some botany-oriented classes that are being offered by the Siskiyou Field Institute, based out of Deer Creek Center in Selma, Oregon. For further information, please visit their website at thesfi.org, or contact the institute at 541/597-8530.

May 20. Spring Mushroom Foray. Mike Potts; $60.

May 18–21. Sketch Your Way to Better Botany. Linda Vorobik; $275 for 4 days or $150 for 2 days.

May 23–24. Siskiyou Bumble Bees. Robin Thorpe; $150.


Chico Herbarium Workshops

CSU Chico Friends of the Herbarium is offering the following workshops, which will be conducted on the CSU Chico campus. For details about these workshops and registration information, please go to friendsofthechicostateherbarium.com/eventsviewcalendar/


June 8. Butte County Butterflies and their Host Plant Affinities. Dr. Don Miller.

July 1. Introduction to the Serpentine Ecosystem. Hugh Safford.

Jepson Herbarium Weekend Workshops

The Friends of the Jepson Herbarium is offering the following workshops. They require pre-registration and a fee, and take place at UC Berkeley unless otherwise noted. Details on these workshops can be found at ucjeps.berkeley.edu/workshops/ For further information, contact jepsonworkshops@berkeley.edu or 510/643-7008.


Horsetown-Clear Creek Preserve Events

Spring events at Horsetown-Clear Creek Preserve (HCCP) are as follows. Unless otherwise noted, all events start at the HCCP parking area on Clear Creek Road, about 7 miles west of Highway 273, just west of the Clear Creek bridge. All events are free. Please see horsetownclearcreekpreserve.org for further information.

May 7, Sunday, 1 PM
Native Plant Identification and Uses, with native Wintu Ted Dawson

May 21, Sunday, 10 AM
Butterflies, with butterfly expert Chris Gray

June 11, Sunday, 1 PM
Bugs on the Bottom—Stream Bottom Ecology, with Shasta College instructor Morgan Hannaford

June 17, Saturday, 9 AM
Adopt-a-Highway Cleanup, with HCCP staff

CA Native Grasslands Association Events

The California Native Grasslands Association is offering the following workshops. For details about these events and registration information, please go to cnga.org

May 13. Identifying and Appreciating the Native and Naturalized Grasses of California at Bodega Marine Laboratory. University of California, Davis, Marine Laboratory in Bodega Bay. (Waitlisted.)

July 15. Apps and Snaps: Smartphone, Camera, and Online Technology for Grassland Plant Mapping, Tracking, and Identification. Trudeau Conference Center, Oakland.
**Calendar, continued from page 10.**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 15</td>
<td><strong>Chapter Meeting.</strong> This is our annual barbecue-picnic Chapter meeting to kick off the summer, to be</td>
</tr>
<tr>
<td>Thursday</td>
<td>held at KC Grove in Anderson River Park. We’ll grill up some burgers and hot dogs, and dinner will be</td>
</tr>
<tr>
<td></td>
<td>be around 6 PM. The rest is potluck, so bring a dish to share! There are picnic tables, but you might</td>
</tr>
<tr>
<td></td>
<td>want to bring your own lawn chairs or blanket. Also bring your own dinner service, beverage, and mosque</td>
</tr>
<tr>
<td></td>
<td>to juice. This park allows alcohol, but prohibits glass containers. We will introduce the scholarship</td>
</tr>
<tr>
<td></td>
<td>recipient at this picnic, and maybe even have time to wander the trails through the riparian areas of</td>
</tr>
<tr>
<td></td>
<td>this beautiful riverside park. Anderson River Park is at 2800 Rupert Road, Anderson, and KC Grove is</td>
</tr>
<tr>
<td></td>
<td>about one mile from the intersection of Rupert and Stingy Lane. It is next to the amphitheater where</td>
</tr>
<tr>
<td></td>
<td>the Mosquito Serenade is held every summer.</td>
</tr>
<tr>
<td>June 16–18</td>
<td><strong>Fieldtrip: Warner Mountains Three-Day Camping Outing.</strong> This fieldtrip is in the Warner Mountains,</td>
</tr>
<tr>
<td>Thur.–Sat.</td>
<td>part of the Modoc Floristic Province. Paul Davis, CNPS member from Alturas, will co-lead the fieldtrip</td>
</tr>
<tr>
<td></td>
<td>with David Ledger. We hope to have two rare plant botanists assisting on this trip. There will be a</td>
</tr>
<tr>
<td></td>
<td>two- to three-mile hike each day from our campground in the Warner Mountains, and those with more</td>
</tr>
<tr>
<td></td>
<td>energy can hike further. We will be camping at 6700 feet in elevation at a primitive campsite.</td>
</tr>
<tr>
<td></td>
<td>Paul has created an 80-plus plant list for participants. No dogs, please. We will carpool from Redding</td>
</tr>
<tr>
<td></td>
<td>or you can drive up on your own schedule. Those interested can contact David at <a href="mailto:dledger@sbcglobal.com">dledger@sbcglobal.com</a> or</td>
</tr>
<tr>
<td></td>
<td>530/355-8542 for detailed information, list of supplies needed, and a map.</td>
</tr>
</tbody>
</table>

**Events of Others**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 7, Sunday</td>
<td>Big Chico Creek Ecological Reserve Wildflower Walk. 9 AM. Limited to 20; should RSVP. Meet at Chico</td>
</tr>
<tr>
<td></td>
<td>Park &amp; Ride (Hwys 32 &amp; 99) west parking lot. Mt. Lassen Chapter CNPS. Marjorie McNairn: 530/343-2397.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>May 7, Sunday</td>
<td>Ride the Cow Creek Ranch. 9 AM to 3 PM. $40; must RSVP. Shasta Land Trust: 530/241-7886.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>May 13, Saturday</td>
<td>North Table Mountain Ecological Reserve. 9 AM. Meet at Chico Park &amp; Ride (Hwys 32 &amp; 99) west parking</td>
</tr>
<tr>
<td></td>
<td>lot. Mt. Lassen Chapter CNPS. Woody Elliott: 530/588-2555.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>May 17, Wednesday</td>
<td>Guided Nature Walk: Local and Migratory Songbirds. 8 AM to Noon. Free. Meet at the Shasta Valley</td>
</tr>
<tr>
<td></td>
<td>Wildlife Refuge (1724 Ball Mountain Little Shasta Road, Montague) and bring binoculars if you have</td>
</tr>
<tr>
<td></td>
<td>them. US Fish &amp; Wildlife Service. 530/842-5763.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>May 20, Saturday</td>
<td>Insights from Local Geology and the Fossil Record. 1:30 to 4:30 PM. $40; must RSVP. Shasta Land</td>
</tr>
<tr>
<td></td>
<td>Trust: 530/241-7886.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>May 27, Saturday</td>
<td>Walk with the Horticulture Manager. 10:30 AM. Park fee. McConnell Arboretum and Botanical Gardens.</td>
</tr>
<tr>
<td></td>
<td>530/243-8850.</td>
</tr>
<tr>
<td>June 3, Saturday</td>
<td>Explore Restored Forests along the Sacramento River. 8 AM to 3 PM. $40; must RSVP. Shasta Land</td>
</tr>
<tr>
<td></td>
<td>Trust: 530/241-7886.</td>
</tr>
<tr>
<td></td>
<td>Arboretum, Yreka. US Fish &amp; Wildlife Service. 530/842-5763.</td>
</tr>
<tr>
<td>June 24, Saturday</td>
<td>Walk with the Horticulture Manager. 10:30 AM. Park fee. McConnell Arboretum and Botanical Gardens.</td>
</tr>
<tr>
<td></td>
<td>530/243-8850.</td>
</tr>
</tbody>
</table>

**Northern California Botanists**

Videos of most of the presentations given at the 2017 Northern California Botanists Symposium are now available for viewing via the symposium web page:

www.norcalbotanists.org/symposia/symposium2017.htm

In addition, PDFs of most of the posters presented at the symposium poster session are also available on the NCB Symposium at that same address. $\$

**Shasta Chapter CNPS Directory**

<table>
<thead>
<tr>
<th>Address</th>
<th>PO Box 990194, Redding, CA 96099-0194</th>
</tr>
</thead>
<tbody>
<tr>
<td>Website</td>
<td>shastacnps.org</td>
</tr>
<tr>
<td>Facebook</td>
<td>facebook.com/shastachaptercnps</td>
</tr>
</tbody>
</table>

**2017 Officers**

- President – Laura Brodhead (laura.brodhead.cnps@gmail.com)
- Vice President – Doug Mandel
- Secretary – Margaret Widdowson (530/223-4732)
- Treasurer – Dave Wallace (530/347-0674)
- Member-at-Large – Mindy Graves (530/245-9860)

**Standing Committee Chairs**

- Conservation Chair – David Ledger (530/355-8542)
- Fieldtrip Chair – David Ledger (530/355-8542)
- Grants Committee Chair – Analia Bertucci (530/680-6841)
- Membership Committee Chair – Susan Gallaugher (530/246-3815)
- Newsletter Editor – Laurie Burks (530/347-0849)
- Plant Propagation Manager – Terri Thesken (530/221-0906)
- Program Chair – Robin Fallscheer (530/221-2311)
- Rare Plants Chair – Don Burks (530/347-0849)
- Scholarship Committee Chair – Jay Thesken (530/221-0906)
- Webmaster – Analia Bertucci (530/680-6841)

**Temporary Committee Chairs**

- Book and Poster Sales Chair – Bud Widdowson (916/752-0938)
- Native Garden Tour Chair – Donal Jonio (530/221-4280)
- MMH Garden Maintenance Chair – Mindy Graves (530/245-9860)
| May 5–7 Fri.–Sun. | **Humboldt County: Dunes to Redwoods Overnight Fieldtrip.** This will be a three-day fieldtrip to the Redwoods, Dunes and Arcata Marsh in Humboldt County. Friday will start with a short walk at the Arcata Marsh then a one- to two-mile walk in the Arcata Community Forest for an introduction to the plants of a redwood forest. Saturday, we will hike into the Headwaters Forest outside of Fortuna (about 3 miles) where many battles were fought to save the old-growth redwoods from clear-cutting by Pacific Lumber. Next, we will drive south to Scotia, the former company town of Pacific Lumber Company, now owned by Humboldt Redwood, and finally drive to the big bottomland old-growth forests of Humboldt Redwoods State Park. Sunday, we will visit dunes near Arcata, starting in the dune forests next to the brackish Mad River Slough, over the open dunes, dune hollows, fore dunes, and onto the beach strand. This will be a Friday to Sunday fieldtrip. The Northcoast Chapter of CNPS has their wildflower show on Sunday, too, if we have the time. Limited to 18 participants with decisions as to motel or camping alternatives left to the individual. For more information and to reserve a space, contact **David Ledger** at dledger@sbcglobal.net or 530/355-8542. |
| May 14 Sunday | **24th Annual Mother’s Day Wildflower Show.** Sponsored by Shasta Chapter CNPS and Klamath National Forest. Hundreds of native plants and wildflowers will be on display at the Siskiyou Golden Fairgrounds in Yreka (first northbound exit off of I-5). This is a great, colorful (and fragrant) display, and a special place to take Moms. Free. 10 AM to 4 PM. (See article, page 2.) If you would like to volunteer to help with the exhibit, or sell books and posters, please contact **Laura Brodhead** at laura.brodhead.cnps@gmail.com |
| May 14 Sunday | **Fieldtrip: Cascade-Siskiyou National Monument—Horseshoe Ranch Wildlife Area.** The Wild Horse Ranch was recently incorporated into the Cascade-Siskiyou National Monument and we will explore this area with a five-mile hike of moderate difficulty. We will also stop at the Siskiyou Wildflower Show in Yreka. Meet at the Mt. Shasta Mall parking lot near Chase Bank at 8 AM. Bring plenty of water and a lunch. This will be an all-day fieldtrip. For more information, contact **David Ledger** at dledger@sbcglobal.net or 530/355-8542. |
| May 18 Thursday | **Chapter Meeting.** Food for thought before the fire season: *Wildfires Critical to Healthy Forest Ecosystems.* In this presentation, **George Wuerthner** will discuss topics including why dead trees are often a sign of a healthy ecosystem, not a forest health problem, and why thinning forests to “reduce” fuels may increase fire severity and occurrence. George is an ecologist and writer who has published 38 books including, *Wildfire: A Century of Failed Forest Policy; Protecting the Wild: Parks and Wilderness, the Foundation for Conservation; Energy: Overdevelopment and the Delusion of Endless Growth,* as well as five books on California natural history topics. If you are interested in joining the speaker for dinner at 5 PM prior to the meeting, contact **Robin Fallscheer** (530/225-2311) at least one day prior for the location. Meet at 7 PM at the Shasta College Health Science & University Programs building in downtown Redding, 1400 Market Street, Community Room 8220 (clock tower building at the north end of the Market Street Promenade; enter on south side of building). A Board meeting will be held before the regular meeting, at 5:30 PM at Angelo’s Pizza Parlour in the Foundry Square, 1774 California Street, Redding. |
| May 27 Saturday | **Fieldtrip: Castle Crags State Park.** This fieldtrip will include a two-mile round-trip hike on the River Trail next to the Sacramento River and another two-mile level hike along the Root Creek Trail, which we completed two years ago. Expect to see a number of orchids on this fieldtrip. The more energetic hikers can walk 1½ miles downhill on the Pacific Crest Trail from the Root Creek-Castle Crags Trailhead and we will pick them up at the bottom by the river. Meet at Mt. Shasta Mall parking lot near Chase Bank at 9 AM. No dogs on this fieldtrip, please. For more information, contact **David Ledger** at dledger@sbcglobal.net or 530/355-8542. |