President’s Message

Pipevine swallowtails in the roundtooth ookow. Snakeroot spangling the forest floor. After this wettest of years, it’s dry down time. The miners’ letuce is shrinking to nothing and vernal pools are showing their rings. Join our fieldtrips to see the most wonderful natural places, and add native plants to your gardens to save water and support wildlife. A huge thanks to our plant propagators, who have been growing the best plants in the best way for our big spring sale, and to everyone who helped with this major fund raiser. A special thanks to Shasta College for having us in their nursery. Our profits support scholarships for future botanists and horticulturists, the CalFlora website (check it out), Shasta Environmental Alliance, and other causes dear to our hearts. And, as always, thanks to everyone who supports our native plant society in any way. The Society is us.

-Susan Libonati-Barnes, President

Mother’s Day Wildflower Show

The 26th Annual Siskiyou County Wildflower Show on Mother’s Day Sunday, May 12, is bound to be yet another show stopper! 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 seventh year in a row, we will hold 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. (Robin Fallscheer could use some help from members interested in manning the Shasta Chapter table. See calendar, page 10.) For more information about the show, contact me at 530/841-4403.

-Erin Lonergan, Forest Botanist, Klamath National Forest

A Warm Welcome to Our Newest Chapter Members!
Deb Clark, Cedarville
Derle Gilliam, Cottonwood
Brodey Levens, Redding
Jessica Rodriguez, Santa Rosa
Allison Titus, Santa Rosa
Christy Wagner, Arcata
Spring Has Sprung!
What a spring it has been—abundant flowers and grasses just about anywhere the eye falls it seems! But how do you know what you are looking at? I know when I first started “botanizing” in California it seemed overwhelming, but with a few good resources, even a beginner can have some success!

- Shasta CNPS has books for sale that can help you start, or continue, on you botany journey. Flower books will often have things organized by color or number of petals. Even better, there are copies of most of these books in the Shasta County Library system, too!
- Attend a Shasta CNPS walk—learn the basics or delve into the details of the surrounding plants in lots of new and interesting locations.
- Use a plant list posted on the Shasta CNPS website! If you are going to a particular place, check to see if there is an already-compiled list of the plants that have been seen there. It often helps to have a place to start from.
- Bring in a picture to the next Shasta CNPS meeting. Remember to make sure the plant is in focus, get shots from multiple angles, and make sure to take pictures of the whole plant, not just the flower head.
- Use the web! Here are a few online resources that I use extensively:
  - Calflora (www.calflora.com): search plants by name and find distribution maps, pictures, and lots of links for more information! There is also a feature called “What grows here” that can be helpful if you are heading to a new place!
  - Wildflowersearch.org: collect information about the plant like its habitat, petals, color, leaves, location, and more. Put in the characteristics and it will show you the options of what it could be!
  - Northern California Wildflowers: an app that contains the same information as the wildflower search website. Great for use in the field. But, this app (and the website too) isn’t perfect, so take your results with a grain of salt and be sure to utilize more comprehensive books, Calflora, or another botanist to verify. I find it is a good place to start when I have no clue what I am looking at.

Summer Plant Checkers Needed
At our next propagation session, we will be shifting plants in quart-sized pots to gallon-sized pots because their roots are well developed and filling the quart pots. Which means we are setting up for our summer watering schedule to get our plants through the hot summer and ready for the Fall Plant Sale. If you are interested in helping out by taking a week at a time to check and water our plants, or a day of the week for a month or months, it will be greatly appreciated. This involves checking our plants daily (about 15 minutes per visit). Please contact us at ShastaCNPSpropagation@gmail.com to sign up, for more info, or to ask any questions, too.

-Propagation Committee

Scholarship Update
Our annual Shasta Chapter CNPS scholarship application deadline is quickly approaching: Friday, May 3. Any graduating high school or community college student from Shasta, Siskiyou, Modoc, or Lassen counties who is entering a 4-year university with a natural sciences major is eligible to apply. Applications are available on our web site.

We will award at least one scholarship of $2,000, which this year will be dedicated to the memory of long-time Chapter member Lee Bunnell. Recipients of this award are invited to our June meeting to meet and interact with our members. For further information, please call me at 530/347-0849.

-Don Burk, Interim Scholarship Committee Chair

Newsletter Goes Digital
A version of this article ran last issue. We will continue to announce this change for the remainder of 2019.

Beginning in 2020, The Firecracker will become a solely electronic publication. You will receive your newsletter via e-mail, or by accessing our web site at shastacnps.org.

There are many advantages to using the Internet to distribute our newsletter, most importantly in terms of financial savings. The Chapter will save ~$1,500 annually when it no longer prints or mails its newsletter. Producing an electronic newsletter will also reduce our carbon footprint, as well as ease the pressure of meeting deadlines for contributors. And of course, publishing digitally allows us to ignore space limitations and use color with abandon!

Some of us will miss having a hard copy, but I suspect that we will adjust. And don’t forget, you can always print it out. Nonetheless, if this change will present a real hardship for you, please do let me know.

-Laurie Burk, Newsletter editor
530/347-0849; laurielburk@gmail.com
PLANT PROPAGATION PAGE

**Very Successful 2019 Spring Native Plant Sale!**

We had a great break in the weather for the Spring Native Plant Sale, which seemed to put everybody in a gardening mood! Four wonderful days of great weather led to a steady flow of people learning about and buying native plants. We were especially happy to see so many gardeners from Shingletown, who made the trip down the hill to check out our plants. The spring sale was very successful, despite the long spring of cloudy weather—the rain, snow, and hail noticeably slowed the growth of some of our plants, so that they weren’t ready to be sold this spring. They will be ready for the Fall Plant Sale, though.

None of this would have been possible without the incredible support and hard work of our propagation volunteers, who have been so willing to continue learning more about CNPS’s best management practices (BMPs) and implementing them at propagation sessions, increasing our understanding of what we can do to grow healthier plants, checking on them during the summer for signs of disease, weeding, and watering when they needed it.

Nor would it have been possible without the generous donations of propagation material from our gardening friends, including: **Sandy Olsen** (Iris douglasiana and some beautiful Pacific Coast Hybrid iris cultivars), **Doug Mandel** (Salvia ‘Allen Chickering’ and hummingbird sage, Salvia spathacea), **Len Lindstrand** (seeds for grasses, cuttings of shrubs and trees, and an incredible amount of buckeye seeds and oak acorns), **Michele Driggs** (the ever-popular Matilija poppy, Romneya coulteri), **John Muegge** (western redbud, Cercis occidentalis), **Kar Stoker** (Cleveland sage, Salvia clevelandii; creeping sage, Salvia sonomensis; Salvia ‘Bee’s Bliss;’ and seeds of deergrass, Muhlenbergia rigens), and **Don Brand** (purple needle grass, Stipa pulchra).

A surprise hit during the sale was giving away seedling California poppies to young children with instructions for their care. Another big hit was giving away California buckeye seeds to adults—they are just kids at heart, you know. They also received a handout that included a description of the plant, its planting and growing needs and care.

**What’s Happening in Propagation This Spring**

We are already planning for the Fall Plant Sale! We are working on introducing new plants, including several species of wild buckwheat, Eriogonum species, as well as growing old favorites. We are working on a two-year calendar for propagating and growing plants. Just as there is an expiration date for deli sandwiches, there is also an expiration date for growing plants in pots. While we have been busy implementing CNPS’s BMPs, we have also been organizing the vast amount of information on propagating and growing plants, as well as continuing to develop a volunteer handbook to guide volunteers in following BMPs.

We’ll also start updating the plant information signs that are viewed both at our plant sales and on our website. We will be adding information on cold tolerances of plants. Not normally an issue in the valley, it is of great importance to Shingletown gardening folks who garden at higher elevations. We are continuously creating more handouts to increase the public’s knowledge of native plants and their care and maintenance. If you are interested in being involved with any of this, you can always contact us at ShastaCNPSPropagation@gmail.com.

-Plant Propagation Committee

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**Scarlet Bugler (**Penstemon centranthifolius**), one of the new plants for the Spring Plant Sale—hummingbirds will love it when the flowers emerge.**

*Photo by Margaret Widdowson.*
NATIVE PLANT SPOTLIGHT: WESTERN COLUMBINE

A beautiful early-flowering perennial ideal for a shady spot in the garden, western columbine (*Aquilegia formosa*) has red-yellow flowers held above delicate ferny foliage. The flowers look like a bundle of tiny red trumpets—the spur at the top of the trumpet is filled with nectar that is very attractive to hummingbirds, large moths, and other insects. Locally, it can be found on the Waters Gulch Trail on north-facing slopes under a canopy of black oak.

This plant is easy to grow from seed and is always one of our best sellers. It prefers shade and a little bit of extra summer watering. We have a few left that need to find a “forever” garden home before summer! This plant, and many others, are available for purchase during propagation sessions at the nursery at Shasta College (see Calendar, page 10).

-Plant Propagation Committee

Close-up of western columbine flower showing nectar-filled spurs. Photo by Susan Gallaugher.

N. SHASTA CHAPTER WANDERINGS

If any of Shasta Chapter CNPS members have attended the Mother’s Day Wildflower Show at the fairgrounds in Yreka, they have likely also been to China Hill to see the many wildflowers that bloom there. In May, species such as showy phlox, bitter root, and Siskiyou onion are in bloom.

April brings different opportunities for wildflower-viewing at China Hill. **Jay & Terri Thesken** attended a wildflower hike with the US Fish & Wildlife office in Yreka on April 3, along with 14 other attendees, specifically to see the endangered Yreka phlox (*Phlox hirsuta*) on China Hill. As luck would have it, a few of the species were in bloom. Yreka phlox was listed as endangered in 2000, and the US Fish & Wildlife Service, along with the City of Yreka (which owns a majority of the parcels on China Hill), are active in reporting, monitoring, and protecting the plant to enable de-listing. Yreka phlox grows on serpentine soils, and is only known in five locations in the Yreka area. In 2009, the City of Yreka adopted the phlox as the official flower of the City. The beautiful pink blossoms and hairy stems and leaves of the plant can be seen in the photograph (right, top). In addition to the phlox, several other early bloomers were in flower on China Hill, including many common spring-golds (*Crocidium multicaule*), yellow bells (*Fritillaria pudica*), Douglas blue-eyed grass (*Olysinium douglasii*), and Beckwith’s violet (*Viola beckwithii*).

-Yreka phlox (*Phlox hirsuta*) at China Hill, Yreka. Photo by Jay Thesken.

-Douglas blue-eyed grass (*Olysinium douglasii*) at China Hill, Yreka. Photo by Jay Thesken.

-Beckwith’s violet (*Viola beckwithii*) at China Hill, Yreka. Photo by Jay Thesken.

-Overview of China Hill, Yreka, with Douglas blue-eyed grass and common spring-gold. Photo by Jay Thesken.

-Terri & Jay Thesken
FIELDTRIP FOLLOW-UPS

UPPER SACRAMENTO DITCH TRAIL, MARCH 10

In spite of a chilly morning and threatening skies, six brave souls joined me for a hike on a short section of the Upper Sacramento Ditch Trail. Most of the trail lies within or parallels the historic Sacramento Ditch, which was completed in 1856 and provided water to mines along its 17-mile length. Because the trailhead next to Shasta Dam’s parking lot was closed due to snow-damaged trees, we began our trek at the Walker Mine Road trailhead.

Moving up the trail, we found a large number of Indian warriors in full bloom. These, together with white leaf manzanita, were the only flowering plants we would encounter on our three-mile, out-and-back hike. We identified canyon live oaks and interior live oaks, noting the color difference on the underside of their respective leaves. We also found many black oaks whose leaves from last year covered the ground beneath them. Then, farther up the trail, we discovered two oracle oaks. These oaks (natural hybrids of the interior live oak and black oak) retain some of their leaves during the winter season, which makes them easier to spot.

Ferns seen on the walk included the goldback fern, the polypody fern, and the bird’s-foot fern. Although not yet flowering, we identified Pacific sanicle, white-stemmed frasera, Lemmon’s ceanothus, coffeeberry, and California snowdrop bush.

After a short break under a magnificent canyon live oak, we retraced our steps while shedding jackets and sweaters as the morning warmed—a great day, after all, for a CNPS hike! ☀️

- Chris Harvey

ARBUCKLE MINE AND LAGRANGE DITCH TRAILS, WEAVERVILLE, MARCH 30

Six walkers enjoyed a beautiful spring day on the Arbuckle Mine and LaGrange Ditch trails in the hills above Weaverville. While flowers were few, there was plenty to see and enjoy.

Hiking along East Weaver Creek, we saw Fritillaria sp. stems beginning to peek out of the ground. We also saw the long catkins of Corylus cornuta (California hazelnut) and the bright maroon of the female flowers just beginning. Along the path were horsetail, prince’s pine, Pacific yew, buckbrush, mountain mahogany, and deerbrush. We also saw the basal leaves of shooting stars.

The hike was billed as a climb through a 10+ year-old clearcut. We had fun identifying the young trees. An exceptional Douglas-fir was left in the middle of the clearing as a seed and legacy tree. Two hikers took readings of the elevation when we were level with the bottom of the tree and then after we had climbed the switchbacks and were level with the top. Averaging the two, we estimated the tree at close to 200 feet tall. There is a white fir at the bottom corner of the opening that is probably just as tall. The view to the south as we climbed included Hoadley Peaks, and snow-capped Shasta Bally and Bully Choop.

Crossing back into the National Forest, there were ponderosa pine, sugar pine, Douglas-fir, and canyon live oak as we climbed to the level of the ditch. At the site of the siphon, there are some old timbers, a flange, and one piece of iron pipe bending down into the canyon. Here the water plunged down, creating pressure that raised it to the other side of the East Weaver Creek drainage, to continue

Fieldtrip Follow-ups continued on page 6.
Fieldtrip Follow-ups continued from page 5.
its journey to the mine face at Oregon Mountain Summit west of Weaverville. Our group photo was taken in front of a silk tassel (Garrya fremontii) in full bloom—a male, with spectacular long tassels that released clouds of dusty pollen when tapped. We also spotted lots of paired, sickle-shaped leaves, which might turn out to be pussy ears (Calochortus tolmiei).

Grateful for the level trail along the ditch, we passed through an area of oak savanna with Oregon white oak, some heavily populated with oak mistletoe (Phoradendron serotinum). Walking the road back to the cars, we spotted a few Indian warriors (Pedicularis densiflora). See you on the trail!

- John Springer

IRON CANYON LOOP TRAIL,
SACRAMENTO RIVER BEND RECREATION AREA,
APRIL 14

On April 14, 13 enthusiastic botanists hiked the Iron Canyon Loop in BLM’s Sacramento River Bend Area, wending through rock-studded grasslands and blue oak woodlands in search of floral treasures. The blue oaks, which had just leafed out, provided a striking contrast to the harsh geologic setting and peak-of-the-season wildflower displays. We sauntered through fields of blue, white, and yellow, created by masses of valley sky lupine, bird’s-eye gilia, popcorn flowers, and goldfields, all rolling in the persistent breeze. Masses of yellow dwarf stonecrop covered the exposed rock slabs; canyon dudleya dotted the cliffs, just beginning to bloom; the beautiful glassy wild hyacinth, with its stunning lilac and lilac-spotted anthers, decorated the rocky flats and slopes; and red and white forms of cowbag clovers provided a patchwork of color in the grasslands.

Although the landscape views kept drawing our attention, the floral diversity under our feet was equally impressive. We observed over 100 flowering species, some represented by only a handful of individuals poking out from under the rocks or hiding under the trees. The uncommon species included two CNPS List 4 plants: depauperate milkvetch and shield-bracted monkeyflower. We lunched at Jedediah’s Overlook, a rocky bluff some 350 feet above the Sacramento River that was visited by the intrepid explorer nearly 200 years ago. We then made our way back to the trailhead, still spotting new species as we went, including the last of the season’s Cleveland’s shooting stars and Douglas violets. Our senses overloaded with sights and smells, we deemed it a day well spent.

- Don & Laurie Burk

Masses of valley sky lupine on the Iron Canyon Loop Trail fieldtrip, in the Sacramento River Bend Recreation Area, on April 14. Photo by José Hernandez.

Wildflower walkers on the Iron Canyon Loop Tail fieldtrip, in the Sacramento River Bend Recreation Area, on April 14. From left to right: Greg, Laura, Shirley, John, Don B., Bob, Judy, Don O., Susana, José, and Yo. Way in the background, between Don B. and Bob, you can barely make out the figure of David Ledger, sitting on the rock outcrop at Jedediah’s Overlook. Photo by Laurie Burk, on José’s camera.
**CONSERVATION NEWS**

**COSTCO DEIR OUT FOR COMMENT**

The Recirculated Draft Environmental Impact Report (DEIR) for the proposed Costco River Crossing Marketplace development at Bechelli Lane and South Bonnyview Road is out for comment. The last day to comment is May 30. The Shasta Chapter did not oppose the Costco River Crossing Marketplace development because it is already zoned for a shopping center. The Chapter did oppose the cutting of most of the oak trees along I-5 based on aesthetics and biological reasons and asked for a 60-foot visual buffer as listed in the City’s gutless Tree Management Ordinance. While Costco will save a miserly 45 trees out of about 4,000 on the 25-acre site, this is much more than the Redding Planning Department required of the shopping center being developed across the freeway. On that site, Planning allowed all trees to be cut with no mitigation required. The same is true of the Costco site, although both developments will be required to plant shade trees, thanks to the State of California requirements.

We urge all CNPS members to comment on the removal of trees to Kent Manuel at kmanuel@cityofredding.org Despite CEQA requirements, these decisions are, in reality, largely political, so make sure you CC your comments to all Redding City Council members. You can be emphatic and outraged if you wish, but please keep your comments civil. We want to create allies, not enemies. City Council member email addresses are located at www.cityofredding.org; click on “City Council.”

**COMMENTS OF THE CONSERVATION CHAIR**

The beautiful entrance to Redding along I-5 is about to get a little bit uglier with the recent unanimous decision of the Redding Planning Commission to approve the clearcutting of two acres of oaks on Churn Creek Road to make way for an industrial type operation: a Les Schwab Tire Center.

The Les Schwab parcel is directly north of the Churn Creek Marketplace shopping center currently under development; the City allowed the Marketplace to cut every native oak on that 20-acre site. To give you an idea of how farcical some of the Planning Department reports are, here are a few items from or about the “City of Redding Report to the Planning Commission” for the Schwab proposal.

- Describing the vegetation on the Schwab site, the report states: “A few dozen live oaks and gray pines are scattered, in varying sizes throughout the site, along with typical understory of manzanita brush, buckbrush and poison oak.” The Tree Survey done for the Environmental Initial Study lists 121 oak and gray pines. This does not include 15 oaks cut along Churn Creek Road and another ~30 cut along the eastern property line to allow construction of an eight-foot-tall sound-barrier wall. The plant survey in the Initial Study listed many plants, but no manzanita or buckbrush. All trees on the two acres will be clearcut and no mitigation will be required except for the State-required shade trees.

- Shasta Environmental Alliance requested a copy of the tree permit authorizing removal of the 15 oak trees along Churn Creek Road and the ~30 oaks removed to build the wall. They were sent a copy of a tree removal permit that had expired one year before the wall was built and did not include the lot in question. When this was pointed out to Planning, they stated, “staff approved it,” but could not come up with a valid Tree Removal Permit. So much for Redding’s vaunted Tree Management Ordinance.

- Public Comment: The Planning Report stated: “The applicant has worked well with the residents adjacent to the shopping center…” and staff implied at the hearing that the residents were happy with the project. However, many residents adjacent to the shopping center and the Les Schwab site were not happy with the project and spoke out at the hearing. One woman said she had turned in a petition of many residents opposed to the project. Before the vote, one resident stomped out, complaining, “It’s already been decided.” He was right.

- Consideration of aesthetic impacts is a requirement of the California Environmental Quality Act (CEQA). The Redding Planning Department and Planning Commission apparently believe that a parking lot and Les Schwab tire shop are as aesthetically pleasing as two acres of native oak trees—aesthetic degradation was not considered as a significant impact of the development.

I give you this narrative to let you know how many City decisions are made. Planning Commissioners are generally pro-development, but they rely on the advice of the Planning Department and usually follow that advice. The Planning Commission approved the Les Schwab project unanimously, despite the flawed environmental data. Unless people complain to the Redding City Council, this process will continue. If you care about our native oaks, please sign the Shasta Environmental Alliance’s Petition for a New Redding Tree Ordinance at www.ecoshasta.org.

-David Ledger, Conservation Chair
CNPS WORKSHOPS AND PROFESSIONAL TRAINING

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

June 4–6. Intro to Plant Identification. (Location: Oxnard.) Nick Jensen and Sandy Namoff.

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 10. Grassland Vegetation Monitoring, Methods, and Techniques. Contra Costa County Farm Bureau Hall, 5554 Clayton Road, Suite 1, Concord.

May 18. Identifying and Appreciating the Native and Naturalized Grasses of California. Pepperwood Preserve, 2130 Pepperwood Preserve Road, Santa Rosa.

JEPSO N HERBARIUM WEEKEND WORKSHOPS

Friends of the Jepson Herbarium is offering the following workshops. They require pre-registration and fees. Details about these workshops and other, wait-listed workshops can be found at ucjeps.berkeley.edu/workshops/ For further information, contact jepsonworkshops@berkeley.edu or 510/643-7008.


May 8–10. Wetland Delineation. Terry Huffman. (Location: Rush Ranch, Suisun City.)

May 17–19. Lupinus. Teresa Sholars. (Location: Mendocino College, Fort Bragg.)


May 31–June 2. Polemoniaceae. Leigh Johnson. (Location: UC Berkeley.)

CHICO HERBARI UM 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/


SI SK IYOU FIELD INSTITUTE EVENTS

Some spring 2019 classes offered by the Siskiyou Field Institute, based out of Deer Creek Center in Selma, Oregon, are listed below. For further information, please visit their website at thesfri.org, or contact the institute at 541/597-8530.


May 11. Spring Mushroom Foray. Mike Potts: $60.


HORSETOWN-CLEAR CREEK PRESERVE EVENTS

Spring events at Horsetown-Clear Creek Preserve (HCCP) are as follows. 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, and are free. Please see horsetownclearcreekpreserve.org for further information.

May 5, Sunday, 1 PM
Native Plant Identification and Uses, with native Wintu Ted Dawson.

May 11, Saturday, 10 AM
Plant and Community Ecology Walk, with BLM ecologist Laura Brodhead.

May 18, Saturday, 9 AM
Adopt-A-Highway Cleanup, with HCCP staff.
**Events of Others**

May 3, Friday. Talk: Bees & Blossoms, with Brian Dykstra of the Native Bee Society. 6–8 PM; free. Geos Institute, 84 4th Street, Ashland, Oregon. Friends of the Shasta-Siskiyou National Monument. www.cascadesiskiyou.eventbrite.com

May 4, Saturday. Backwoods Mountain Biking at Fenwood Ranch. 9 AM to 2 PM, $40; must RSVP. Shasta Land Trust. 530/241-7886.

May 4, Saturday. Ride the Ranch. 9 AM to 1 PM $40; must RSVP and bring your own horse. Shasta Land Trust. 530/241-7886.

May 4, Saturday. Fieldtrip: Vernal Pool Grasslands—Vina Plains Preserve. 9:30 AM. Meet at the main entrance of DeGarmo Park in northwest Chico, or at the preserve gate at 9:45 AM. Please RSVP. Mt. Lassen Chapter CNPS. Marjorie McNairn: 530/343-2397.


May 18, Saturday. Raising Queens & Harvesting Honey. 10 AM to 2 PM, $50; must RSVP. Shasta Land Trust. 530/241-7886.


May 25 and June 29, Saturdays. Walk with the Horticulture Manager. 10:30 AM. Park fee. McConnell Arboretum and Botanical Gardens. 530/243-8850.

June 1, Saturday. Sawmill & Cogeneration Plant Tour. 9 AM to 1 PM, $40; must RSVP. Shasta Land Trust. 530/241-7886.

June 15, Saturday. Paddling under the Moon. 7–10 PM, $35; must RSVP and bring your own gear. Shasta Land Trust. 530/241-7886.


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**Shasta Chapter CNPS Directory**

**Address:** PO Box 990194, Redding, CA 96099-0194

**Website:** shastacnps.org

**Facebook:** facebook.com/shastachaptercnps

**2019 Officers**

- **President** – Susan Libonati-Barnes (530/347-4654)
- **Vice President** – Don Burk (530/347-0849)
- **Secretary** – Analia Bertucci (530/680-6841)
- **Treasurer** – Vickie Hall (920/226-0687)
- **Past President** – David Ledger (530/355-8542)

- **Member-at-Large Vacant**

- **Standing Committee Chairs**
  - **Conservation Chair** – David Ledger (530/355-8542)
  - **Fieldtrip Chair** – John Springer (530/917-0567)
  - **Grants Committee Chair** – Analia Bertucci (530/680-6841)
  - **Membership Committee Chair** – Susan Gallaugher (530/246-3815)
  - **Newsletter Editor** – Laurie Burk (530/347-0849)
  - **Plant Propagation Chair** – Margaret Widdowson (916/752-0941)
  - **Program Chair** – Vacant
  - **Rare Plants Chair** – Don Burk (530/347-0849)
  - **Scholarship Committee Chair** – Vacant
  - **Webmaster** – Analia Bertucci (530/680-6841)

- **Temporary Committee Chairs**
  - **Sales Chair** – Robin Fallscheer (530/225-2311)
  - **Native Garden Tour Chair** – Vacant
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>May 5</td>
<td>Fieldtrip: East Weaver Creek, Weaverville. The height of the wildflower season will provide bleeding heart, spotted and scarlet frillaries, Solomon’s seal, fairy bells, and (if it’s still blooming) Calypso orchid. Bring lunch. Dogs OK on leash. Rain cancels. Meet in the Placer Street Holiday Market parking lot near CVS at 8:30 AM for carpooling to Weaverville. We will rendezvous with others at the Holiday Market parking lot in Weaverville at 9:30 AM. For more information, call John Springer at 530/917-0567.</td>
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<td>May 9</td>
<td>Fieldtrip: Churn Creek Trails. The “Visit Redding” website describes these trails as follows: The Churn Creek trails take walkers through a classic blue oak woodland, with manzanita and gray pine. Sections of the trail meander by Churn Creek where the terrain is riparian with willows, valley oak, western redbud, and cottonwoods. Meet at 9 AM at the trailhead parking area, located at the corner of Tidmore Lane and Dakota Way, off of College View in north Redding. We will be out for about 2 hours; bring water and a snack (if needed). Call John Springer at 530/917-0567 for more info.</td>
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<td>May 9</td>
<td>Board Meeting. Shasta Chapter Board members will meet at 5:30 PM at Round Table Pizza in Sunset Plaza, at 3633 Eureka Way, Redding, to conduct Chapter business. The general membership is always welcome to attend.</td>
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<tr>
<td>May 12</td>
<td>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 1.) If you would like to volunteer to help with the exhibit, or sell books and posters, please contact Robin Fallscheer at 530/225-2311.</td>
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<td>May 16</td>
<td>Chapter Meeting. Join us for a presentation by Eric Knapp, research ecologist with the US Forest Service Pacific Southwest Research Station in Redding, entitled <em>A Modern History of Humans and Fire in California’s Forests</em>. Eric studies the effects of fire to ecosystems, and how removing fire from the landscape has changed forests and the way wildfires now burn. <strong>Meet at yet another new venue, May only:</strong> Room 1213 in the 1200 Building on the Shasta Community College campus (see map, page 9). Park at the north end of the campus’ East Parking Lot and look for yellow CNPS signs pointing the way. Meeting begins at 7 PM. Doors open at 6:45 PM for pre-meeting botany, books, and plant ID!</td>
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<td>May 18</td>
<td>Plant Propagation Session. 10 AM at the Shasta College greenhouses, located at the back of Shasta College, near the livestock barns. We will be transferring plants from quart-sized pots to gallon-sized pots. Plants are always available for sale at the propagation sessions (you don’t have to stay and help!). This will be the last chance to buy quarts (priced at $4.50 for members, $5 for non-members) this season—plenty of <em>Sisyrinchium bellum</em> ‘San Simeon,’ the white-flowering selection of blue-eyed grass, and blue fescue, <em>Festuca</em> ‘Siskiyou Blue,’ left in quarts! For further information, please call or text Margaret Widdowson at 916/752-0941 or e-mail <a href="mailto:ShastaCNPSPropagation@gmail.com">ShastaCNPSPropagation@gmail.com</a></td>
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<td>May 19</td>
<td>Fieldtrip: Lake Eleanor, Shasta Trinity National Forest. We will walk about 4 miles in and back along this trail. Expect some moderate climbing. We may see California pitcher plants at the stream crossings. Bring lunch and plenty of water. Meet in Redding at the Placer Street Holiday Market parking lot near CVS at 8:30 AM. Others can rendezvous with the group at the Park &amp; Ride at Hwy. 299 and Trinity Dam Boulevard at 9:15 AM. Call John Springer at 530/917-0567 for more info.</td>
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<td>June 6</td>
<td>Fieldtrip: Scott Mountain Summit on Highway 3, Pacific Crest Trail. It will take about two hours driving from Redding to get there, but the wet meadow filled with California pitcher plant should reward us. We will see other high-elevation plants and great views on our 4- to 5-mile stroll on the Pacific Crest Trail. Bring lunch and plenty of water. Meet at Mt. Shasta Mall parking lot near Chase Bank at 7:30 AM for carpooling. Call John Springer at 530/917-0567 for more info.</td>
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<td>June 13</td>
<td>Board Meeting. Shasta Chapter Board members will meet at 5:30 PM at Round Table Pizza in Sunset Plaza, at 3633 Eureka Way, Redding, to conduct Chapter business. The general membership is always welcome to attend.</td>
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<td>June 20</td>
<td>Chapter Meeting. Traditionally, this meeting to kick off summer and announce our scholarship winner has been a BBQ picnic potluck. This year we are trying something new. For a no-prep indoor venue, and to get out of the weather and insects, we’ve chosen Kahuna’s Mongolian BBQ and Sushi, 1800 Churn Creek Road, Redding. The banquet room is reserved for 6 PM. Prices are $14.99 for bowls ($13.99 for seniors over 65; $6.99 for kids 10 and under), and there is a sushi menu and full bar options—plenty of variety to fit both your appetite and budget. Please RSVP to Vickie Hall (<a href="mailto:vrhall@gmail.com">vrhall@gmail.com</a>) or Laurie Burk (530/347-0849) to join us in ushering in summer, as well as (hopefully) greeting our scholarship recipient(s), should they be able to attend.</td>
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<td>June 27</td>
<td>Fieldtrip: Paradise Meadows, Lassen National Park. Always a crowd pleaser, we will avoid the weekend crowds and enjoy the trails on a weekday. The hike to Paradise Meadows is of moderate difficulty, approximately 4 miles round trip, with an elevation gain of about 400 feet. Expect scarlet gilia, penstemon, corn lily, and more. Lassen Park pass required. Bring lunch and water. Meet at Mt. Shasta Mall parking lot near Chase Bank at 8 AM for carpooling. Call John Springer at 530/917-0567 for more info.</td>
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