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Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

April 2019

Volume 52, No. 3



**** NOTE - This is particularly long Bulletin issue (it's Annual Meeting time!). You can jump to different sections by clicking on the Table of Contents links below.**

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NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of directors positions. The current NPSO President, Lisa Blackburn, will not be running again for President due to health reasons. We will need a new President (one year term), a new Secretary, and three Directors at-large, who will serve two-year terms. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

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As a reminder, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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## **2019 Annual Meeting - The Applegate Siskiyou**

**By Kristi Mergenthaler & the Annual Meeting Coordinating Committee**



<http://siskiyou.npsoregon.org/annualmeeting2019/>

The Siskiyou Chapter is happily hosting the 2019 Annual Meeting of the Native Plant Society of Oregon (NPSO) in the Siskiyou, part of the greater Klamath-Siskiyou Ecoregion, on July 12- July 14. We will be based out of Pacifica: A Garden in the Siskiyou in Williams, Oregon. We invite you to savor the beauty and special plants of the

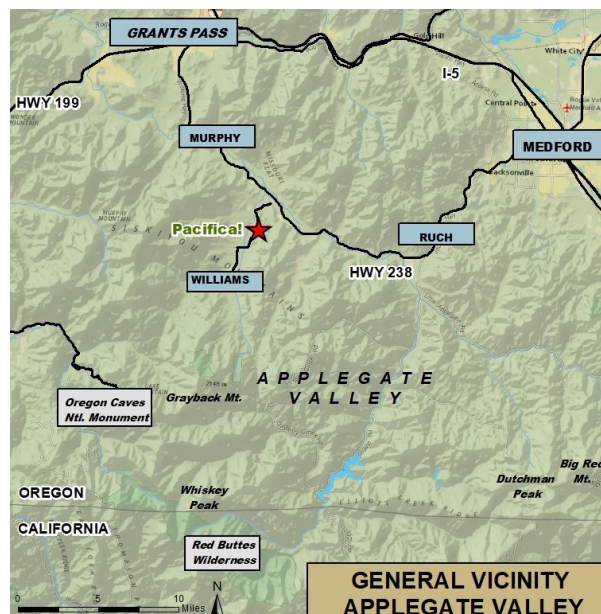
Applegate portion of the Siskiyou while enjoying the company of plant-lovers.

## Registration

The Annual Meeting is for NPSO members only. New members are always welcome to join. The \$35 registration fee covers facilities, swag (glass and utensil set with logo), and other expenses. We have a maximum capacity of 150 people so please register soon. The deadline is June 1st. College students are encouraged to apply for scholarships. Please consider volunteering at the event - we could use your help!

Registration for the annual meeting will be online. We encourage everyone to register online on our webpage via Eventbrite. However, we understand that some members prefer to register by mail and pay by check. For those folks, please print out the registration form from our website or the Bulletin and send it in as soon as possible. These pay-by-check members will have about a week before online registration to level the playing field for field trip selections. Processing of both paper and on-line registration will begin on April 17.

To register and for more resources and updates about the meeting, please visit our website: <http://siskiyou.npsoregon.org/annualmeeting2019/>. For further questions, contact Cyndi at [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org). Pre-order our new t-shirts and hats during registration (see examples on the website). Vendors should contact Kristi at [coprolitemergie@yahoo.com](mailto:coprolitemergie@yahoo.com).



## Klamath-Siskiyou: The Galapagos of the Temperate World

If you adore plants, especially plant species that can only be found on lone mountaintops or remote river valleys, the Klamath-Siskiyou Ecoregion in southwest Oregon and northwest California is the place for you to explore! The region supports approximately 3500 species of plants, including 281 endemic plants that grow nowhere else in the world. Some particularly charismatic endemics, around 90 species, are only found on mantle or ultramafic soils (peridotite and serpentinite). The ecoregion is also a global

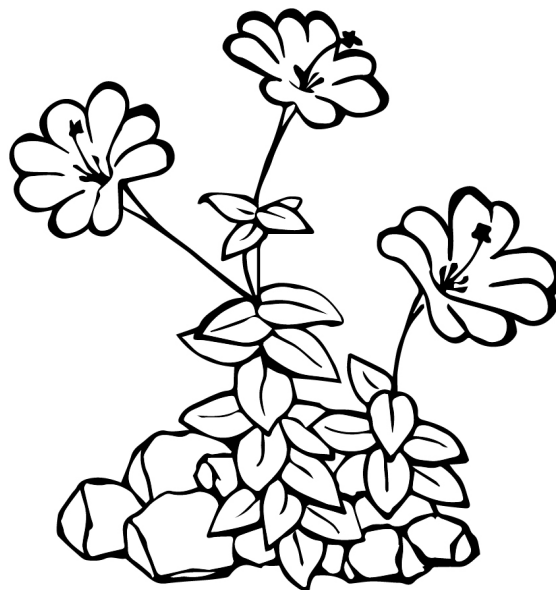
hotspot for conifer diversity, with 34 species (and counting) of needle-leaf, cone-bearing trees and shrubs. The Klamath-Siskiyou Ecoregion is also designated as an Area of Global Botanical Significance by the International Union of the Conservation of Nature and is proposed as a World Heritage Site and UNESCO Biosphere Reserve.

In 1983, the natural science writer David Rains Wallace published “The Klamath Knot: Explorations of Myth and Evolution,” an award-winning book of lyrical nonfiction in which he highlighted the overlooked Klamath-Siskiyou Ecoregion. Wallace described red rock, snow forests, toe-nibbling newts, and mythic beasts with an evolutionary lens focused on this wild and jumbled place. Years earlier in the 1940s and 50s, the eminent plant ecologist Dr. Robert Whittaker’s work brought scientific attention to the region. His research demonstrated that the Klamath-Siskiyou have a “central significance” in the origin and diversity of North American vegetation. He explained that the biodiversity was comparable to the southern Appalachians, with similar old rocks and high species endemism. Dr. Susan Harrison has continued Whittaker’s research in the region and is a co-author of a recent analysis of the California Floristic Province (“Plant Diversity and Endemism in the California Floristic Province”) in the April 2016 issue of *Madroño*. In this paper, southern Oregon is identified as the region with the greatest vascular plant species richness (112 species/1000 km) of any other region within the Province. Perhaps this explains why the area serves as a vortex of sorts for native plant connoisseurs.

### **The Applegate Siskiyou: A Place to Cherish and Conserve**

The gorgeous Applegate Valley is located between the Rogue and Illinois Valleys in southwest Oregon. The valley floor supports family farms, wineries, oak woodlands, chaparral, excellent swimming holes, rural homesteads, and even a lavender trail. This tranquil valley is fringed by the foothills and subalpine summits of the Siskiyou Mountains. While many plant enthusiasts avidly botanize the Cascade-Siskiyou National Monument to the east and the cobra-lily fens of the Illinois Valley to the west, the Applegate Siskiyou are less well known.

Why visit? First, there are the rare, endemic, disjunct, and edge-of-range plants of the Applegate (Table 1) including the iconic Brewer’s spruce (*Picea breweriana*), Applegate stonecrop (*Sedum oblancoletatum*), and the lovely Siskiyou willowherb (*Epilobium siskiyouense*), which was selected as the logo for the annual meeting.



| Species                                              | Common Name              |
|------------------------------------------------------|--------------------------|
| <i>Allium siskiyouense</i>                           | Siskiyou onion           |
| <i>Astragalus whitneyi</i> var. <i>siskiyouensis</i> | Siskiyou milk vetch      |
| <i>Callitropsis nootkatensis</i>                     | Alaska yellow-cedar      |
| <i>Castilleja schizotricha</i>                       | Splithair paintbrush     |
| <i>Chamaecyparis lawsoniana</i>                      | Port-Orford-cedar        |
| <i>Cryptantha milobakeri</i>                         | Milo Baker's cryptantha  |
| <i>Cypripedium fasciculatum</i>                      | Clustered lady's slipper |
| <i>Cypripedium montanum</i>                          | Mountain lady's slipper  |
| <i>Delphinium nudicaule</i>                          | Red larkspur             |
| <i>Diplacus bolanderi</i>                            | Bolander's monkeyflower  |
| <i>Diplacus congdonii</i>                            | Congdon's monkeyflower   |
| <i>Epilobium siskiyouense</i>                        | Siskiyou fireweed        |

|                                                      |                           |
|------------------------------------------------------|---------------------------|
| <i>Erigeron petrophilus</i> var. <i>petrophilus</i>  | Cliff fleabane            |
| <i>Eriogonum diclinum</i>                            | Jayne's canyon buckwheat  |
| <i>Eriogonum elatum</i> var. <i>villosum</i>         | Long hairy tall buckwheat |
| <i>Eriogonum lobbii</i>                              | Lobb's buckwheat          |
| <i>Eriogonum ternatum</i>                            | Ternate buckwheat         |
| <i>Fritillaria gentneri</i>                          | Gentner's fritillary      |
| <i>Fritillaria glauca</i>                            | Siskiyou fritillary       |
| <i>Gentiana plurisetosa</i>                          | Bristly gentian           |
| <i>Hastingsia alba</i>                               | White rushlily            |
| <i>Hesperocyparis bakeri</i>                         | Baker's cypress           |
| <i>Horkelia hendersonii</i>                          | Henderson's horkelia      |
| <i>Juniperus occidentalis</i>                        | Western juniper           |
| <i>Keckiella lemmonii</i>                            | Lemmon's keckiella        |
| <i>Kopsiopsis hookeri</i>                            | Small ground cone         |
| <i>Kopsiopsis strobilacea</i>                        | California ground cone    |
| <i>Lewisia cotyledon</i>                             | Siskiyou lewisia          |
| <i>Lewisia leeana</i>                                | Lee's lewisia             |
| <i>Lilium pardalinum</i> ssp. <i>wigginsii</i>       | Wiggin's lily             |
| <i>Orthocarpus cuspidatus</i> ssp. <i>cuspidatus</i> | Siskiyou mt. owl's clover |
| <i>Pedicularis densiflora</i>                        | Indian warrior            |
| <i>Pedicularis howellii</i>                          | Howell's lousewort        |
|                                                      |                           |

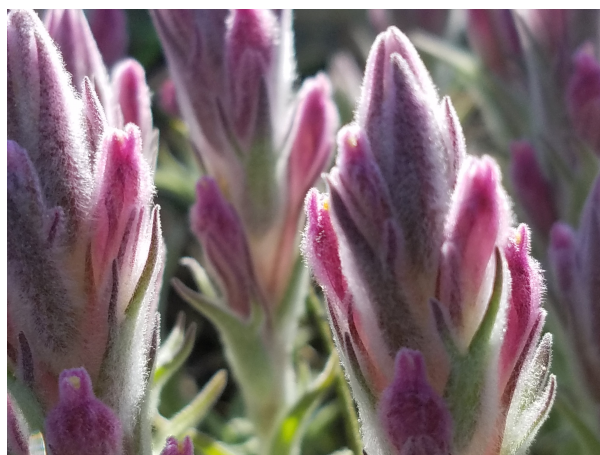
|                                  |                       |
|----------------------------------|-----------------------|
| <i>Phacelia corymbosa</i>        | Serpentine phacelia   |
| <i>Penstemon anguineus</i>       | Siskiyou beardtongue  |
| <i>Picea breweriana</i>          | Brewer's spruce       |
| <i>Pinus sabiniana</i>           | Gray pine             |
| <i>Polystichum lemmonii</i>      | Lemmon's sword fern   |
| <i>Populus tremuloides</i>       | Aspen                 |
| <i>Quercus sadleriana</i>        | Sadler's oak          |
| <i>Quercus vaccinifolia</i>      | Huckleberry oak       |
| <i>Rafinesquia californica</i>   | California chicory    |
| <i>Rhamnus illicifolia</i>       | Redberry              |
| <i>Rhodiola integrifolia</i>     | Ledge stonecrop       |
| <i>Sarcodes sanguinea</i>        | Snow plant            |
| <i>Saussurea americana</i>       | American sawwort      |
| <i>Sedum oblancheolatum</i>      | Applegate stonecrop   |
| <i>Smilax californica</i>        | California greenbriar |
| <i>Solanum parishii</i>          | Parish's nightshade   |
| <i>Tetrapteron graciliflorum</i> | Hill suncup           |
| <i>Toxicoscordion exaltatum</i>  | Giant death camas     |
| <i>Triteleia crocea</i>          | Yellow brodiaea       |

Next there are the mountains and vegetation patterns. The Siskiyou Mountains arc over 100 miles from Mt. Ashland to just east of Crescent City in California, forming a somewhat tangled divide between the Klamath and Rogue Watersheds. The Siskiyou Crest is the striking and sometimes jagged high elevation ridgeline that forms the spine

of the range. The Siskiyou display exceptional geological and climatic diversity. In the 1960s, ecologist R.H. Waring studied the vegetation distribution of the Siskiyou along with moisture and temperature gradients. He noticed that endemics like Brewer's spruce, Marshall's gooseberry (*Ribes marshallii*), and Sadler's oak (*Quercus sadleriana*) did not extend to the Eastern Siskiyou while the eastside supported disjunct populations more common to the Cascade Mountains, such as Engelmann spruce (*Picea engelmannii*) and whitebark pine (*Pinus albicaulis*). Waring defined the location where Brewer's spruce and Sadler's oak drop out, by Condrey Mountain in California, as the eastern extent of the Western Siskiyou flora.

Consider this: some people travel to Indonesia to bird both sides of the Wallace Line, a biogeographical line separating distinct avifauna. Now you can visit the Siskiyou, especially the perfectly situated Applegate Siskiyou, to botanize the Waring Line! In the Eastern Siskiyou, look for the rare Henderson's horkelia (*Horkelia hendersonii*), or Basin and Range species like dwarf sagebrush (*Artemesia arbuscula*) and mountain mahogany (*Cercocarpus ledifolia*) on Dutchman Peak. The next day, admire the shaggy form of a Brewer's spruce in the Red Buttes Wilderness in the Western Siskiyou.

Then there are the places. The flowery slopes of Grayback Mountain, the tallest peak in Josephine County (7000 ft. in elevation), serves as the granitic sentinel between the Illinois and Applegate Valleys. Big Red Mountain, one of the prettiest mantle rock mountains in the world, sports purple flowers like Lee's lewisia (*Lewisia leeana*) and splithair paintbrush (*Castilleja schizotricha*) blooming between red cobbles. There is still a functional fire lookout surrounded by penstemon rock gardens on Dutchman Peak with dramatic views of the glacially-carved Silver Fork Basin. Walk along the trail through diverse ancient forests with abundant black bear signs to Frog Pond or visit magical Miller Lake and the Baker's cypress (*Hesperocyparis bakeri*) grove. We think you will like the Applegate Siskiyou!



### **The Venue, Lodging & Catering**

The annual meeting will be based at Pacifica: A Garden in the Siskiyou (<https://pacificagarden.org/>) near the town of Williams, south of Grants Pass. It is 25 minutes from Grants Pass, 45 minutes from Medford, and 1¼ hours from Ashland. The mission statement for this non-profit organization is:



*A unique 400 plus acre natural reserve dedicated to education and to the celebration of the environment, plants, the arts, and community.*



The grounds are open to the public during the day for hiking, fishing, disc-golf, and horseback riding and include a developing botanical garden and a plant nursery, Forestfarm Nursery. Pacifica holds environmental education programs on site and operates the Caterpillar, an adorable mobile educational unit. Our meeting will be held in the Great Hall with vaulted ceilings and views of the Siskiyou. Pacifica offers unlimited tent and vehicle-based camping for participants as well as four RV hookups with electricity and water, but no sewer. Please call Kristi before registering to secure your RV hookup rental: 541.941.3744.

An ADA bathhouse is under construction but unfortunately, due to grant funding, it will not include as many showers as we hoped. We are working with the owners to provide additional propane hot water and solar showers to supplement the two bathhouse showers. Please consider bringing your own solar shower.

Two housing rentals are on site: the Steve Miller Apartment (2 bedroom, 6 beds, 1 bath) (<https://www.airbnb.com/rooms/27090678?guests=1&adults=1>) named after a former property owner and rock musician, and The Pond House (<https://www.airbnb.com/rooms/7366697?guests=1&adults=1>), a 4000 sq. ft. home overlooking a large pond and the Siskiyou. The house, listed on the National Register of Historic Places, can comfortably sleep 12 or more people with a full kitchen, 3½ baths, 8 sleeping areas, and laundry. Not all the beds are completely private, so renting the house with a group of friends would be best. Check out the Airbnb website for more details but note the annual meeting dates are blocked out for online registration for our event. To rent either option, please contact Joy at 951-415-4443. See the annual meeting website (<http://siskiyou.npsoregon.org/annualmeeting2019/>) for more information on local lodging options.

Our caterer will be Chef Kristen (<http://chefkristen.com/>) of Jacksonville who specializes in creating wonderful organic and locally-sourced meals. We will be offering dinner on Friday; breakfast, sack lunch, and a banquet on Saturday; and breakfast on Sunday. We will also provide a free lunch for NPSO members attending the board meeting. A no-host bar will also be available both evenings. Review the website to assist you in selecting catered meals, to find out about the drink vendors, or to explore other nearby restaurant and grocery store options.

This is a no-waste event, so please bring your own tableware and napkins to the catered meals. We will supply a hygienic dish washing station. Part of the registration fee covers a complimentary stainless-steel glass and a bamboo utensil set with canvas case with images of the annual meeting logo plant, Siskiyou willowherb.

## Field Trips

Carpooling is encouraged, with expenses divided among passengers. The Siskiyou are steep, rough terrain with hot summer days - consider this when choosing your trip. For more detailed field trip information, plant lists, and photographs, visit the annual meeting website. The descriptions include driving directions which you can use for self-guided trips.

### Friday July 12th (half-day)

#### **Plein air painting on the Siskiyou Crest** (Dr. Darlene Southworth)

Paint the Siskiyou from Jackson Gap, a scenic saddle on the Siskiyou Crest. The site includes rare and unusual wildflowers, views, meadows, forests and rocky scablands. Bring painting materials, chair and easel if desired.

#### **Pacifica and Forestfarm tour** (Ray Prag, Peg Prag, Jen Tietjen)

Tour the grounds and facilities at Pacifica: A Garden in the Siskiyou, including self-guided trails at the Nature Center and Forestfarm Nursery, with an opportunity to purchase plants after the nursery tour.

#### **Red Lily riparian restoration tour and wine tasting** (Katelyn Detweiler)

Tour a 5-year-old riparian restoration project on the grounds of Red Lily Vineyard along the Applegate River. Walk along the planting area and learn about the Freshwater Trust's long-term efforts to restore riparian vegetation. After the tour relax with an optional glass of local wine by the Applegate River.

#### **Whisky Creek** (Dr. Dennis Odion and Luke Ruediger)

Hike through old-growth mixed conifer forest in the Whisky Creek canyon in the Upper Applegate and discuss botany and fire ecology effects from the 2017 Abney Fire. This trip will discuss uncommon and unusual species in the Applegate Siskiyou and the vegetative response to the fire.

#### **Cedar Log Flat Research Natural Area** (Dom DiPaolo and Chelsea Reha)

Hike off-trail on easy to moderate slopes and uneven terrain to view *Darlingtonia californica* wetlands, serpentine influenced Jeffrey pine savanna, and mature mixed conifer forest in the Cedar Log Flat Research Natural Area in the Lower Applegate.

#### **Grasses of the Enchanted Forest Trail** (Dr. Cindy Roché)

Join botanist Cindy Roché for an enchanting look at grasses along the Enchanted Forest Trail in the Middle Applegate, using the new Field Guide to the Grasses of Oregon and Washington.

### Saturday July 13th (full day)

#### **Dutchman Peak** (Barb Mumblo)

Spend the day botanizing in the Dutchman Peak Botanical Area on the Siskiyou Crest with stops along the road or short walks to see plants such as *Castilleja schizotricha*, *Horkelia hendersonii*, *Artemisia arbuscula*, *Cercocarpus ledifolius*, *Sedum lanceolatum*, and *Ipomopsis aggregata*.

#### **Bigelow Lakes** (Drs. Linda Vorobik and Cindy Roché)

Botanize the Bigelow Lakes Botanical Area in the expanded Oregon Caves National Monument to view rare and endemic plants such as *Gentiana plurisetosa*, *Iliamna latibracteata*, *Quercus sadleriana*, and *Quercus garryana* var. *breweri*.

#### **Observation Peak** (Kristi Mergenthaler and Dr. Dennis Odion)

Explore the Observation Peak Botanical Area on the Siskiyou Crest. We will walk on the Pacific Crest Trail (PCT) through rock gardens, meadows, and a subalpine forest, and then head cross-country to the summit through rare and unusual cushion plants. We will also focus on bumble bee pollination ecology and identify a few bumbles.

#### **TJ Howell Botanical Drive and Babyfoot Lake** (Lee Webb)

Drive TJ Howell Botanical Drive in the Illinois River drainage, stopping along the way to explore rare and unusual plants influenced by serpentine geology. Then hike into the edge of the Kalmiopsis Wilderness to beautiful Babyfoot Lake viewing more rare plants along the way, and witnessing some of the changes brought by the 2002 Biscuit and 2018 Klondike Fires.

#### **Big Red Mountain PCT** (Rachel Werling and Dr. Jad D'Allura)

Unique botany and geology will be highlighted along the PCT on Big Red Mountain on the Siskiyou Crest where ultramafic soils host many rare and unusual species such as *Epilobium siskiyouense*, *Polystichum lemmonii*, and *Castilleja schizotricha*. This will be an easier trip than the summit hike.

#### **Big Red Mountain Summit** (John Villela)

Get off the beaten path and explore unique botany, rare plants and geology on the ultramafic soils of Big Red Mountain with an off-trail trip to the summit where participants will take in amazing views of the Klamath-Siskiyou Mountains. Special attention to pollinator-plant interactions will also be highlighted along the way.

#### **Miller Lake Baker's cypress** (Suzie Savoie and Luke Ruediger)

Hike the Miller Lake Trail loop in the Upper Applegate, enjoying rock outcrops, spectacular views, and stunning wildflower displays. Then detour off-trail to a beautiful grove of the rare Baker's cypress (*Hesperocyparis bakeri*).

#### **Frog Pond** (Julie Spelletich and Richard Callagan)

Explore the flora of the Red Buttes Wilderness along the Frog Pond Trail in the Upper

Applegate. Experience lush wet meadows filled with Wiggins Lily (*Lilium pardalinum ssp. wigginsii*), old-growth forests, and see one of the southernmost stands of Alaska yellow-cedar (*Callitropsis nootkatensis*).

**Grayback Mountain** (Wayne Rolle and Cecile Shohet)

This field trip will include both trail and off-trail hiking to Grayback Mountain and Big Sugarloaf Peak, exploring the “Boundary Range” dividing the Applegate and Illinois River watersheds. We will see wet meadows, rock outcrops and dry open slopes with special status, rare, and uncommon species.

**Cook and Green Pass** (Dave Bowden and Amanda Snodgrass)

Hike the PCT through the Cook and Green Pass Botanical Area at the boundary between the Applegate and Klamath River watersheds, a hotspot for botanical diversity. See endemic, rare and uncommon species while enjoying views of the Klamath-Siskiyou Mountains and the effects of the 2017 Abney Fire.

**Siskiyou Crest Road 20** (Ben Ey and Jeanine Moy)

Drive scenic Forest Service Road 20 along the botanically diverse Eastern Siskiyou Crest stopping to admire rare plants, wildflower-filled meadows, and panoramic vistas of the Klamath-Siskiyou Mountains along the way.

**Chrome Ridge** (Dr. Tom Atzet)

Chrome Ridge is an ancient serpentine ridge with spectacular views and interesting botany. The trip will explore serpentine barrens, Jeffrey pine savanna, and the 2018 Klondike-Taylor Fire. Participants will see rare and endemic serpentine wildflowers in the Illinois River Watershed.

**Sunday July 14th (half day)**

**Whisky Peak** (Jason Clark and Jay Scelza)

Hike a half-mile steep ascent to view grand vistas atop Whisky Peak, the site of an old fire lookout near the Red Buttes Wilderness in the Upper Applegate. Whisky Peak is known for spectacular rock outcrops with displays of uncommon and unusual flowering species.

**Lichens and Bryophytes** (Dr. Scot Loring)

Dive into the cryptic world of lichens and bryophytes in the Siskiyous with expert Scot Loring. Visit uncommon calcareous tufa deposits with unique bryophyte flora at lower elevations; take a look at lichens in old-growth forests higher in elevation, and then end the trip high on the Siskiyou Crest with an exploration of a sphagnum-dominated wetland with complex geology and a diversity of lichens and bryophytes.

**Silver Fork Meadows** (Barb Mumblo and Dr. Cindy Roché)

A moderate off-trail hike through Silver Fork Meadows below the Siskiyou Crest. The extensive meadows between Dutchman’s Peak and Observation Peak contain showy displays of wet, moist and dry meadow species. Abundant bees and butterflies will round

out the show.

### **Eight Dollar Mountain** (Gretchen Vos and Richard Brock)

Explore the Eight Dollar Mountain Botanical Area, a hotspot for endemic serpentine species in the Illinois Valley. Check out *Darlingtonia californica* wetlands, as well as many endemic and unusual species in the dry serpentine grasslands and Jeffrey pine savanna above the Illinois River.



### **Program**

On Friday night, our guest speaker will be Michael Kauffmann, plant explorer and author of *Conifer Country: A Natural History and Hiking Guide to the Conifers of the Klamath Mountain Region*. Check out his wonderful website (<http://conifercountry.com/>) at Backcountry Press.

On Saturday night, the banquet speaker will be Luke Ruediger, naturalist and author of *Siskiyou Crest: Hikes, History, and Ecology*. His talk is entitled: The Applegate Siskiyou - Wildlands, Wildflowers & Biodiversity. For more information: <http://thesiskiyoucrest.blogspot.com>.

### **Thank You**

We are thankful to Plant Oregon “The Nursery on Wagner Creek” ([www.plantoregon.com](http://www.plantoregon.com)) for sponsoring the meeting! The talented Paula Fong ([prfong.com](http://prfong.com)) kindly created the logo for us and Mary Hills illustrated the images for the utensil set and our new t-shirts. Special thanks to the coordinating committee volunteers: Cyndi Dion, Teresa Fernandez, Kristi Mergenthaler, Barbara & Tom Mathieson, Barb Mumblo, Joy Savoie, Suzie Savoie, Julie Spelletich, and Cecile Shohet.

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## **Upcoming Training for Citizen's Rare Plant Watch**

[Citizen's Rare Plant Watch](#) searches for historical occurrences of rare species, describes

their status and extent, and contributes to their conservation. Citizen's Rare Plant Watch is a program of the [Rae Selling Berry Seed Bank](#) & Plant Conservation Program at Portland State University, in partnership with the Native Plant Society of Oregon.

Mark your calendars for a day-long training on Sunday, April 14, from 9:30 am to 4:00 pm. The training will be held at Tualatin River National Wildlife Refuge. It will include a classroom component in the morning and a field practicum session in the afternoon (rain or shine). Participants are asked to join CRPW for at least one small-group monitoring trip this year, but are welcome and encouraged to participate as much as is needed.

#### What WE do:

- Select historical sites of rare plant populations to visit (some that haven't been visited in decades).
- Gather up maps, site and plant information, data collection documents.
- Plan out the expeditions - dates, species, destinations.
- Sign up volunteers to monitor some amazing sites and help us collect this important data - that's you!
- Lead trips and provide training.
- After the site visits, we provide data to land managers, Oregon Biodiversity Information Center and Oregon Flora Project, organizations that catalog Oregon's plant life.

#### What YOU do:

- Receive thorough training on data collection and survey techniques.
- Get to join a small group of like-minded plant lovers in visiting a beautiful spot or take on an assignment of your own.
- Look diligently for the target species, collaborate in estimating population size and noting coordinates, elevation, associated species, threats and other site information.
- Take pictures!
- Receive our thanks for your much-valued participation.
- Must be physically capable for the site visit, rare plants may be located away from roads or trails.
- You will need to fill out a confidentiality agreement and liability waiver.

\*If you are interested in joining us for the training session, please RSVP to Kris at [kfreitag@pdx.edu](mailto:kfreitag@pdx.edu).

Also, if you are interested in leading a trip or taking on your own assignment or have any questions, please let us know. We are very excited about the potential of this program to increase understanding of the extent of rare species and of ecosystems throughout Oregon. Thank you, and we look forward to meeting you!

## Wildflower Show & Native Plant Sale - NPSO Cheahmill Chapter

Saturday, May 25, 2019, 10am to 3pm  
Carnegie Room, McMinnville Public Library  
Free Admission

**Wildflower Show  
&  
Native Plant Sale**

*Asclepias speciosa* and *Penstemon ovatus* © Keir Morse and Gerald Carr courtesy of Oregon Flora Project *Viola sempervirens* courtesy of Paul Miettunen

**10 am – 3 pm**  
**Saturday, May 25, 2019**  
**McMinnville Public Library**  
Carnegie Room, 225 NW Adams St., McMinnville, Oregon  
More information: 971-267-0058, [www.facebook.com/NPSO.Cheahmill](http://www.facebook.com/NPSO.Cheahmill)

Free Admission  
Presented by  
Cheahmill Chapter  
Native Plant  
Society of Oregon

### Indoor Display

The public is invited to view the free bloom display inside the Carnegie Room. Members of the Native Plant Society have followed ethical standards to gather fresh specimens of native flowers and samples of trees and shrubs for your enjoyment. Each stem is placed

in a labeled vase, so viewers can learn to identify native plants by common name as well as scientific names and plant families.

### **Native Plant Sale**

A wide variety of native plants grown locally will be available for purchase in the plaza in front of the Carnegie Room starting at 10 a.m. Our members will help you purchase plants and trees best suited for the conditions of sun, soil and moisture of your home garden.

### **New This Year: Free Seeds and Plants**

Monarch butterflies require one particular plant, the showy milkweed (*Asclepias speciosa*), to lay their eggs. At the wildflower show this year, we will be giving away showy milkweed seeds for visitors to plant. It's a thrill to see Monarch eggs, caterpillars, and butterflies in your own garden. And the flowers are exquisite - see the photo on our poster this year.

**Every 30 minutes during the Wildflower Show & Native Plant Sale, a lucky visitor will win a drawing for a free native plant of their choice.**

### **20th Anniversary of the Native Plant Garden**

Twenty years ago in July, the Native Plant Garden at McMinnville Public Library was designed and planted. Today, the mature garden is blooming and beautiful. Visitors appreciate seeing how native plants can develop the kind of landscaping anyone would enjoy and be proud of – all without fertilizers, chemicals, regular watering or intensive maintenance.

### **Education**

As part of the Native Plant Garden's 20th anniversary celebration, people who have worked in the garden all 20 years will offer small-group tours every hour. If anyone is thinking of adding natives to a home garden, these knowledgeable native plant enthusiasts can offer guidance.

### **Weed Table**

Inside the Carnegie Room, a separate table is reserved for non-native species and invasive weeds. Take a look at these species to be sure you haven't been inadvertently cultivating an invasive species in your home landscape! A member of the Native Plant Society will show you how to identify these species and describe how to effectively remove them.

### **Support Conservation**

The Native Plant Society of Oregon is dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats. Over 450 of our native plant species are listed as threatened or endangered by the Oregon Biodiversity Information Center. You can help conserve and preserve species and habitat for all native species with your donation, or better yet, your membership in the local Cheahmill Chapter.

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**[Glide Wildflower Show - April 27-28, 2019](#)**



Appreciation - Education - Conservation

# Glide Wildflower Show



April 27 & 28 ♦ 2019  
9 am to 5 pm  
Photographers' Hour 8 am Sat & Sun

**Over 600 species**  
of Southwest Oregon **wildflowers**, trees & shrubs, **grasses**  
ferns, **lichens**, mosses & **liverworts**

|                                                                                                                |                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Exhibits</b><br/>Beekeeping<br/>Noxious Weeds<br/>Natural Dyes and spinning</p>                          | <p><b>Special Presentations</b><br/>♦ Rare and Unusual Plants of the Umpqua National Forest<br/>♦ Bees and Butterflies as Pollinators<br/>♦ Medicinal and Edible Plant Uses<br/>♦ Guided Wildflower Walks<br/>♦ Tour the Show with a Botanist</p> |
| <p><b>Sales</b><br/>Flora books &amp; posters<br/>Native plants<br/>Food &amp; beverages<br/>Homemade pies</p> | <p><b>See our website for details!</b></p>                                                                                                                                                                                                        |



 Glide Community Center  
Hwy. 138, Glide, Oregon  
[www.glidewildflowershow.org](http://www.glidewildflowershow.org)

 **\$3**  
Suggested donation

The Glide Wildflower Show ~ April 27-28, 2019 ~ is perfectly timed this year to close out Native Plant Appreciation Week. We invite your chapter to end the week with a visit to the largest showcase of native flora in the Pacific Northwest.

#### Start with the show:

- Over 600 species of wildflowers, shrubs, trees, mosses, lichens and ferns artfully displayed and labeled
- Special displays of edible and medicinal plants, natural dyes, noxious weeds, beekeeping, spinning, and photos of endangered flowers
- Roving botanists available to answer questions
- Sales of books and field guides; food, drink and homemade pies (a show tradition); and native plants

#### Presentations will include:

- Edible and Medicinal Plant Uses - Wren Davidson, herbalist and owner of Yerba Buena Botanicals in Eugene
- An Introduction to Our Native Bees, the Forgotten Pollinators
- Rare and Unusual Plants of the Umpqua National Forest - Richard Helliwell, US Forest Service botanist
- Guided Wildflower Hike - led by experienced show collectors

#### Then head to the wild side:

- Learn about three dozen species of blooming wildflowers on the Guided Wildflower Walk, led by show collectors along an old-growth forest trail.
- Drive the Rogue-Umpqua National Scenic Byway along the spectacular North Umpqua

River. At every wayside and trailhead, hundreds of wildflowers await.

- Walk a portion of the North Umpqua Trail or one of the waterfall trails along the Byway. Within 22 miles of the show are 8 trailheads, with even more upriver.

**The details:**

- Location: Glide Community Center, Glide, 17 miles east of Roseburg on Highway 138
- \$3 suggested donation
- 9 am to 5 pm, with a photographers-only hour from 8 to 9 am
- Handicapped accessible

Visit our website at [www.glidewildflowershow.org](http://www.glidewildflowershow.org) for more information. If you have questions or would like advice on planning your group's outing, email [info@glidewildflowershow.org](mailto:info@glidewildflowershow.org).

For other local attractions and lodging:  
[Roseburg Visitors Center](#) ~ 541-672-9731

We hope to welcome your NPSO chapter this year as we close Native Plant Appreciation Week!

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## Willamette Valley Chapter Scholarships

### Students: Take Note!

The Willamette Valley Chapter will once again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2019-2020 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund.

Applications will be accepted by mail until **June 1, 2019**. Don't let this opportunity pass you by!

#### Rules for Scholarship Awards:

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1,000 to worthy students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.
3. Awards are made in the following manner:

- a) A certificate is presented to the recipient.
  - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:
- a) In their own words, a statement of academic and career intent.
  - b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
  - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

Thomas Jenkins  
Scholarship Committee Chairman  
14380 Salt Creek Rd.  
Dallas, OR 97338

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## State & Chapter Notes

### **State Notes/Announcements:**

**State Board Meeting** - The next State Board Meeting is scheduled for July 14th, 9:00am to 1:00pm at the Annual Meeting (Pacifica: A Garden in the Siskiyou).

**Native Plant Appreciation Week** - Native Plant Appreciation week is April 21-27, 2019!

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Chapter Notes:

Blue Mountain

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact flora.id@wtechlink.us.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org. Check out our Facebook page at [facebook.com/Native Plant Society of Oregon: Cheahmill Chapter](https://facebook.com/NativePlantSocietyofOregon).

Meeting and work party location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets. Meetings start at 7 pm. Doors open at 6:45 pm for socializing.

April 25, Thursday, 6:45-8:45pm

Program: Monitoring, classifying, and mapping vegetation in Northwest National Parks

Dr. Mark Huff, who directs long-term ecological monitoring for six Northwest National Parks including Mount Rainier, Olympic, and North Cascades National Parks and Lewis and Clark National Historical Park, will provide perspectives and insights on what have we learned studying vegetation in these parks - from old-growth forests to Whitebark pine. Location: McMinnville Public Library, see above for details.

April 27, Saturday, 9-11am

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 9am and 11am with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

May 18, Saturday, 9 to 11

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 9 and 11am with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

May 25, Saturday, 10:00 am to 3:00 pm

Wildflower Show and Native Plant Sale

Location: McMinnville Public Library

Join us for our Wildflower Show where fresh specimens of native flowers, trees, and shrubs will be on display. Each sample is labeled so viewers can learn to identify them by their common name as well as scientific names and plant families. A table with non-native species and invasive weeds will also be on display. A wide variety of native plants grown locally will be available for purchase. We will be giving away showy milkweed seeds and have drawings for free native plants. We will offer tours of the Native Plant Garden at the McMinnville Public Library every hour to celebrate its 20th anniversary.

May 10, Half-day (12:30-5:00pm)**Field trip to Baskett Slough National Wildlife Refuge and adjacent vineyard property with restoration project**

Difficulty: moderate. We will be led by Chris Seal who has worked in both restoration projects, and hear his expert perspective on landscape management for multiple species on private and public lands. We hope to view golden paintbrush and Kincaid's lupine, among other gems. There will be birds.

May 29, Full Day (10am-4pm)**Field trip to conservation properties managed by the Yamhill Soil and Water Conservation District in Muddy and Gopher Valley**

Difficulty: moderate. Amie Loop-Frison will show us the secrets of two properties with many unique native plants, a large population of western pond turtles, and more. We should see several species of butterflies, rare and otherwise. Poison oak is present, as are yellow jackets or wasps. The route will traverse grassy field and slopes. NOTE: This is the first formal field trip to these sites, so there will be some discussion about what routes and topics are best for the 2020 Annual Meeting field trip. Pre-registration is required to attend these trips. The number of participants will be limited, to enhance the experience for all. Since these trips are preparatory for the annual meeting, and attendance is capped at 15, current, paid up members will have priority. To register, email ch_president@NPSOregon.org.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

April 21, Sunday, 1:00-3:00pm**Field Trip: Jackson-Frazier Wetlands**

In celebration of Native Plant Appreciation Week, join leaders Dan Luoma and Joyce Eberhart on a stroll through Jackson-Frazier Wetlands. The natural area trail is a boardwalk and the walk is wheelchair accessible. Location: meet at the parking area for Jackson-Frazier at the north end of Lancaster St., Corvallis. For more information contact Dan Luoma, luomad@fsl.orst.edu.

April 27, Saturday, 9:15am-3:00pm**Field Trip: Lower North Ridge Trail**

In celebration of Native Plant Appreciation Week, join leader Louise Marquering for a hike on Lower North Ridge Trail. Meet at the OSU Wilkinson Hall parking lot at 26th & Monroe at 9:15am for carpooling.

Wear sturdy shoes and weather appropriate clothes. Bring a lunch and water. The hike is 2.4 miles one way with a 400 foot elevation gain. There are a few rough spots so bring walking sticks if you choose. Contact Louise Marquering at patch1L@aol.com or 541-753-0012 if you plan to participate.

May 13 at 7:30 pm

May Meeting

Room 2087 of Cordley Hall, OSU. Research scientist, Chris Maser, will speak on "The inviolable biophysical principles that govern how a forest functions." He explains, "Everything is a relationship based on the flow of energy in which nothing is reversible. All relationships are self-reinforcing feedback loops. All systems are based on composition, structure, and function."

Emerald

Our chapter meets the 3rd Monday at 7pm through April, at the Amazon Community Center. Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

We want you! If you have leadership or coordination experience, are looking to build your resume, or enjoy sharing your knowledge of native plants, we want to hear from you! The Emerald Chapter is currently seeking officers to join our active board. Positions include president, vice president, secretary, and publicity and field trip committee chairs. If interested, please send an email to em_president@npsoregon.org.

April 15, 2019, 7:00pm, Amazon Community Center

Peacock larkspur (*Delphinium pavonaceum*)

Esther McEvoy & Jennifer Ward

After a career with various government agencies, Esther settled in Corvallis and worked for the EPA on the Superfund project and helped start the Corvallis Chapter of the Native Plant Society of Oregon. She worked with Bob Frenkel at Finley Wildlife Refuge on vegetation analysis after prescribed burns in the wet prairie that has a population of *Delphinium pavonaceum*. In 1987, as Legislative Chair of the NPSO, she helped pass the State Endangered Species Bill. She started a native plant nursery 19 years ago and is honored to be working on the Peacock Larkspur restoration Project. Jennifer earned a Bachelors degree in Conservation Biology from Brigham Young University and a Masters degree in Environmental Management from Duke University. A native of Maryland, she first came to Oregon to join an OSU team researching salmon migration on the Columbia River. Finding the Pacific Northwest very much to her liking, she stayed, conducting botany surveys for the US Forest Service, working with a private consulting firm to assess damage to marine wildlife in the aftermath of oil spills, and teaching biology at LBCC. As the City's Watershed Program Specialist she enjoys the diverse aspects of her work including public outreach, facilitating research and monitoring, and coordinating restoration projects. She also appreciates every opportunity to work in her 2,352 acre outdoor "office".

Filipendula

For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

All year: North Oregon Restoration Partnership potting days in Tillamook, OR at the

nursery, with Maysa Miller

We will share the volunteer activity dates, and encourage everyone to join during the year to help the nursery with potting up native plants. It's a great way to pick up new skills in potting and handling native plants. Contact Carla Cole to sign up; her email address is carlajeancole@gmail.com.

April 20th, Saturday, 9:00am-1:00pm

Collect plant specimens and use the new *Flora of the Pacific Northwest* to identify plants with Kathleen Sayce, and possibly plant drawing with Darota Faber-Leigh.

Location: Ft. Clatsop at the Netul Room. We will provide plant presses, some specimen materials to put in the presses, and have a few copies of the *Flora of the PNW*, 2nd edition. Bring your own copy if you have one. For sketching native plants, bring a sketch pad and colored pencils. Contact Carla Cole to sign up; her email address is carlajeancole@gmail.com.

May 1st, Wednesday, 9:00am

Onion Peak Mainline broom clearing and botanizing

We will walk about 3 miles on the upper Onion Peak Road, clearing broom from the road and edges, while looking for rare plants, including *Filipendula occidentalis* and several *Saxifraga* species. Start time is 9 a.m. at Circle Creek, to carpool south on Hwy 101 to the Onion Peak Mainline Gate. Wear boots, bring loppers, water and food. End time: 4 p.m. at Circle Creek. Limited to 12 people, we will need 2 more SUVs to drive everyone in to this site. Activity organizer is Melissa Reich. Contact Carla Cole to sign up; her email address is carlajeancole@gmail.com.

June 5th, Wednesday, 9 a.m.

***Iris tenax* in bloom at Ecola State Park**

Hiking a section of the Oregon Coast Trail between Crescent Beach and Indian Beach, round trip of 3 miles. This is the northernmost known population of *Iris tenax* on the Pacific Northwest coast. Other species seen on this trail include *Sidalcea hirtipes* and several violets. Entry to Ecola State Park requires a state park permit. Start time is 9 a.m. End time is around 1 p.m. Wear boots and weather appropriate clothing; bring food and water. Hike organizer is Kathleen Sayce. Contact Carla Cole to sign up; her email address is carlajeancole@gmail.com

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Native Plant Appreciation Week April 21st-27th

To celebrate the beauty and importance of native plants the High Desert Chapter has organized a week of hikes, tours, and presentations. Please visit the Chapter website to see full schedule of activities.

<http://www.highdesertnpsoregon.org/>

May 9th, Saturday, 9am-4pm**Scabland refresher**

The High Desert Chapter of the Native Plant Society of Oregon sponsors the Adopt-a-Scabland project where volunteers monitor an Ochoco scabland under the direction of the Paulina Ranger District botanist for the Ochoco National Forest. The purpose of the program is to train citizen scientists to monitor the ecological health of Ochoco scablands. Scablands are unforested areas of very shallow soil that provide unique habitat for native plants and wildlife. Volunteers receive training in scabland ecology and data collection, find a fellow team member and schedule a field day to walk a scab (or two) once or twice a year. Volunteers are asked to complete a monitoring checklist, noting things like unauthorized vehicle use and invasive species. The Forest Service then uses the data to gauge the health of the scablands. The program also promotes a deeper understanding of this unique resource so that the public can be better engaged in scabland conservation. The training will be in Prineville and will run from 9am to 4pm and include a trip to the Ochocos. Another follow up training may occur in July. If you are interested in helping on this project, please contact Leslie Olson at lolson@bendcable.com

May 16, Thursday, 7pm**“Much More than a Desert”: John Leiberg in Eastern Oregon**

Jack Nisbet will be speaking to a joint meeting of the Archaeological Society of Central Oregon and the High Desert Chapter of the Native Plant Society at Oregon State University-Cascades, Room 111, Tykeson Hall. Parking is free in the campus lot after 5pm. Nisbet wrote the book “The Dreamer and the Doctor” about John B. Leiberg and his doctor wife, Carrie. John and Carrie Lieberg cut a wide swath through the Pacific Northwest at the end of the 19th century, engaging in activities that ranged from timber assessments and fire ecology to public health and suffrage politics. Nesbit’s slide presentation will focus on two landmark plant surveys that John made through eastern Oregon in 1894 and 1896. Join us for a look at habitats Leiberg explored from the Blue Mountains to Bend and from the Malheur River to Crater Lake.

May 25, Saturday, 9am**Horse Ridge RNA Hike**

Meet at Wilco Parking lot in Bend at 9 a.m. for carpooling or at the Sand Canyon trailhead on the Horse Ridge frontage road at 9:30 a.m. Distance/difficulty: moderate trail hike. We can avoid all the climbing by driving one vehicle to the west side of Horse Ridge and park it in the BLM trailhead parking lot. We’ll leave that vehicle and take 2 or 3 vehicles to the south side of Horse Ridge (via Millican Valley) and start the hike there, which is much easier and quicker getting into the core of the RNA. Limit: 10 participants, **RSVP required by email to** reidschuller@bendbroadband.com. Bring: food and water, sunscreen, hat, boots and your signed NPSO waiver. No dogs. Not suitable for young children. Trip leader: Reid Schuller. Horse Ridge Research Natural Area is a 600 acre tract that occupies predominantly north- to northeast-facing slopes on Horse Ridge about 15 miles east of Bend. Originally established as an RNA in 1967, it supports a late-seral example of the western juniper/big sagebrush/threadleaf sedge (*Juniperus occidentalis*/*Artemisia tridentata*/*Carex filifolia*) plant association and lesser

amounts of the juniper/sagebrush associations with Idaho fescue and bluebunch wheatgrass. Located in the extreme southwest portion of the Blue Mountains Ecological Province, it supports a large population *Carex filifolia*, which has been largely eliminated by grazing over much of its range. The RNA is also home to the oldest juniper in Oregon, estimated to be 1,600 years old.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com>.

The Klamath Basin Chapter will offer a tour of native plant gardens at the Klamath County Museum on May 11, followed by a native plant sale at the Museum on May 18.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

Portland

Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great plant pictures. All hikes and programs, plus many more hikes, are also posted on our Meetup page: <https://www.meetup.com/NPSO-Portland/>

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Copeland Commons; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

* **Native Plant Month PDX 2019** - In May, the Portland Chapter will be promoting Native Plant Month PDX 2019 (NPM-PDX 2019), a month-long celebration of native plants through a variety of fun and interactive events sponsored by NPSO, friends, and partners. The Native Plant Month PDX website, located at npmpdx.org, is being updated to share information about the 2019 NPM events as details become available.

April 11th, 7:00pm

Program: Preservation of OR White Oaks at Washougal Oaks/Lacamas Prairie Natural Areas

Presenter: Carlo Abbruzzese, Pacific Cascades Region, Natural Areas Manager, WDNR
Carlo will provide background on DNR's statewide Natural Areas Program and will describe the preservation and restoration of *Quercus garyana* (Oregon white oak) forest and Willamette Valley wet prairie in two Clark County, Washington natural areas. The talk will describe some of the rare plant and animal species that are protected at these sites as well as the successes and failures in trying to restore these sensitive habitats. At Washougal Oaks Natural Area, Douglas fir trees were thinned around Oregon white oak trees to prevent overtopping and eventually killing of oak trees. At Lacamas Prairie

Natural Area, wet prairie is being restored using prescribed fire, control of non-native grasses, and the seeding and planting of native prairie plants.

April 13th, 1:00pm - 3:00pm

Trip/Location: Nob Hill Nature Park, St. Helens, OR

Leaders: Caroline Skinner & Joan Rainey

Description: Join the Friends of Nob Hill Nature Park and NPSO for an easy, low-key stroll through Nob Hill Nature Park to view fawn and chocolate lilies and more in an area currently undergoing restoration. NHNP is a 6.6-acre oak woodland, perched on a basalt bluff. It overlooks the Columbia River. Come visit and give your input on plants found in this lower-Columbia River ecosystem. Poison oak is common off well-maintained trails. Long pants and long sleeves are suggested. This event is on, rain or shine. (Pre-registration not needed.) Directions: NHNP is 30 miles north of Portland, off Hwy 30, in St Helens. Meet at city's wastewater treatment facility across from park at 1 PM. Allow about 45 minutes drive time from Portland. Coming from Portland, take Hwy 30 north, past Sauvie Island and past Scappoose. At the WalMart in St Helens, turn right on Gable Road. Go toward the river. Bear right on Plymouth Street and keep bearing right until you see the wastewater treatment plant on the right. There is plenty of easy parking across from the park's main entrance. A plant list is available by request by calling Caroline at 503-248-9719.

April 18th, 9:00am - 1:30pm

Trip/Location: Lacamas and Round Lakes, Camas, WA

Leaders: Ron Klump & Nancy Chapman

Description: Easy hike about 4 mile loop along lakefront and through forested slopes, flowered meadows, and riparian areas. Hope to catch camas and avalanche lilies in bloom in the oak balds. Contact Ron at klumpron@gmail.com for more information on where to meet and to sign-up.

April 20th, 8:30am - 4:30pm

Trip/Location: Memaloose Hills, Memaloose State Park, OR

Leaders: Clarice Johnston & Beth Magnus

Description: Wildflower hike in the east Gorge, moderate, 5-6 miles, 800-foot elevation gain. The hike is best done for the first time with someone who knows the trail. It is jam-packed with a large variety of flower species, including the rare violet suksdorfia and big shows of balsamroot. It boasts a pioneer road, basalt formations, several lovely views of the Columbia River and views of both Mt. Hood and Mt. Adams. Located just east of the town of Mosier, this hike was a favorite of Russ Jolley's. The group will carpool from the Portland area (location to be determined, contact hike leader), leaving at 8:30am, and drive approximately 70 miles one-way to the trailhead location, meeting around 10:00am (contact hike leader for specific location). This hike is limited to 12 people. Contact Clarice at eclaricej@gmail.com or 503-860-9808 for more information on specific meetup places and to sign-up.

April 25th, 8:30am - 4:30pm

Trip/Location: McCall Point, Tom McCall Nature Preserve, OR

Leaders: Mary Hayden & Willow Elliott

Description: Wildflower hike in the east Gorge near Mayer State Park, moderate, 3.25-mile out-and-back hike, 1070-foot elevation gain. Hike up meadowed slopes on an improved gravel trail lined with balsamroot offering stunning views of the Columbia River and the Rowena Plateau. Meet at the Gateway Park & Ride (Portland) at 8:30am to carpool or at the McCall Point trailhead at 10:00am at Rowena Crest. Drive is 150 miles round-trip from Gateway Park & Ride (Portland). Prepare for ticks. Contact Mary at hayden.mary.k@gmail.com for more info and to sign-up.

April 27, 2019, 8:00 am to 4:00 pm

PREMIER FIELD TRIP (for Members only)

Trip/Location: Lacamas Prairie Natural Area, Vancouver WA (near Camas)

Leaders: Carlo Abbruzzese and Willow Elliott

A short 1 mile flat hike through a seasonally wet area (rubber boots or waterproof footwear required). This combined natural area preserve (NAP) and natural resources conservation area (NRCA) protects the best known remnant of the Willamette Valley wet prairie ecosystem in Washington. Lacamas Prairie Natural Area also protects one of the largest populations of Bradshaw's lomatium, which is federally listed as "endangered". The site also protects populations of five other rare plant species. The prairie remnant occurs in a native valley landscape mosaic with Oregon white oak woodland and Oregon ash wetland forest. The NAP and NRCA combined currently include 189 acres. Features Protected: Bradshaw's lomatium, Oregon coyote-thistle, Hall's aster, dense sedge, Nuttall's quillwort, small-flowered trillium, Willamette Valley wet prairie, and Oregon white oak woodland.

Sign ups will be required by joining the NPSO-Portland Chapter group at <https://www.meetup.com/NPSO-Portland/>.

April 29th, 5:30pm - 7:30pm

Trip/Location: Canemah Bluff, Oregon City

Leader: Jason Clinch

Description: Join us for a tour of Metro's Canemah Bluff Natural Area above the historic riverboat community of Canemah just off of US 99E south of downtown Oregon City. It features restored meadows full of Camas, Brodiaea, Lilies, Rosy Plectritis, and oak and fir woodlands with many other native plants. The diversity of habitats include Oregon white oak and Pacific madrone. Metro's science team has removed invasive plants and strategically thinned trees that compete with oaks to help restore the oak habitat for the plants and animals that depend on it. The 2013 Natural Areas Levy has enabled Metro to improve access for all people by adding ADA access, improving the trails through the prairie, and by adding a nice overlook feature with subtle art installations along the way from local artists. This hike is limited to 12 people and parking is very limited so please carpool. Address: 815 4th Ave., Oregon City, OR. Contact Jason at jason.clinch@gmail.com for more information or to sign-up.

May 5th, 8:00am-4:30pm

Trip/Location: Scotch Broom Pull at Great Camas Patch/Giant Trees of Lost Creek Hike, Carson, WA

Leaders: Roger Brewer, Susan Saul, & Jason Clinch

Description: Over the last few years we have made excellent progress toward control of Scotch Broom on this piece of property near Carson, WA that Russ Jolley made famous on the cover of his book *Wildflowers of the Columbia River Gorge*. At this work party, we will be looking for and eliminating new scotch broom sprouts and removing older plants we might have missed in the past. We'll have saws and loppers but it may be helpful, to bring more as well as your gloves and clippers. We will work for about 2 hours, from about 9:30am to 11:30am, followed by a quick lunch. After paying the price of admission at Great Camas Patch, the Giant Trees of Lost Creek will be the reward for your labor. Hike underneath the ancient Douglas-fir and western red-cedar trees of Lost Creek. In the late 1990s, the late Russ Jolley helped save the 170 acres of big, old trees from a timber sale and this place was dear to him. The hike will be on an unofficial path forming a fairly easy 1.5 mile loop. Expect to walk across streams on logs and climb over or around fallen trees. Anyone wanting to participate in the Scotch Broom Pull but not continue to the Lost Creek Trees hike is welcome to return home after the Pull if you have driven. If you need a carpool, we will do our best to divide people up by car depending on their desire to return to Portland after the Pull or continue on to Lost Creek Trees. Contact Roger at rogerbrewer@comcast.net for more information or to sign-up.

May 9th, 7:00pm**Program: Cape Horn Conservancy efforts in Columbia Gorge**

A unparalleled success story of protecting habitat for Peregrine falcons and native plants includes the stunning basalt cliffs of Cape Horn to the top of Mt. Pleasant. Founder of the Friends of the Columbia Gorge, Nancy Russell led the efforts to buy a critical series of lots planned for development there and the rest is history. Hear about current efforts to control invasive weeds and continue native plant protection. Presenter: Cyndi Soliz, Partnership Specialist - Skamania County Noxious Weed Program.

May 9th, 8:30am-4:30pm**Field Trip: Memaloose Hills/Castilleja Hill****Leaders: Willow Elliott, Mary Hayden, Linda Hardie**

Description: Wildflower hike in the east Gorge, moderate, 5-6 miles, 800-foot elevation gain. The hike is best done for the first time with someone who knows the trail. It is jam-packed with a large variety of flower species, including the rare *Suksdorfia violadea* saxifrage and big shows of balsamroot. It boasts a pioneer road, basalt formations, several lovely views of the Columbia River and views of both Mt. Hood and Mt. Adams. Located just east of the town of Mosier, we will head for the steep climb up to Castilleja Hill for lunch and great flowers with a 360 degree view (good knees and stability required for the short, but steep up and down hill climb on loose soil). Meet near the Gateway Park & Ride (Portland) on NE 99th Ave behind Fred Meyer at 8:30am to carpool or at the Memaloose Rest Area on I-84 Eastbound parking lot at 10:00am. There is no mile marker for the exit, but it's just east of the Mosier exit. The drive is 140 miles round-trip from Gateway area (NE Portland). Mary at hayden.mary.k@gmail.com for more information, carpooling info, what to expect and to sign-up. Notice: Poison ivy and ticks will be present.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2018, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

April 20th, 10am

Rough and Ready Botanical Wayside Wildflower Hike

Join Suzanne with the Cultural and Ecological Enhancement Network (CEEN) on an annual Wildflower Hike at the Rough & Ready Botanical Wayside. The hike will be geared for wildflower enthusiasts of all levels. The hike will be a slow walk on relatively flat ground. Part of the hike is wheelchair accessible. Dress in layers, wear comfortable shoes and bring water. There will be many beautiful and rare wildflowers to see. The hike will end about lunchtime at a picnic table overlooking Rough & Ready Creek so consider bringing lunch. Meet at the parking lot at the Wayside at 10am on Hwy 199 south of Cave Junction. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

RSVP: Sierra Gwin (+2 more people) (541) 864-9225 emailed on 3/12

April 28th, 9am

Wildflowers of Horseshoe Ranch Wildlife Area

Come explore burned areas of the Horseshoe Ranch Wildlife Area with Danika from US Fish and Wildlife Service (USFWS). The Horseshoe Ranch Wildlife Area is comprised of approximately 5,000 acres of USFWS property, supplemented by an additional 4,000 acres of BLM lands. Formerly a working cattle ranch, the terrain consists of rolling to steep hills of shrubs, oaks and conifers surrounding Scotch Creek and several of its tributaries. Come see how native flora has made a comeback on the ranch since parts of the area burned in the Klamathon Fire last summer. The trailhead has limited parking - meet Danika at the gas station in Hornbrook, California at 9am, then it's about a 30-minute carpool to the trailhead. There is day pass fee of \$4.32 per person. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

May 4th, 10am

Native Grass and Forb Seed Crop Tour

J. Herbert Stone Forest Service Nursery (JHSN) is a major reforestation nursery for government clients managing public lands. JHSN also grows native grasses and forb seed crops for clients who use the harvested seed in wildland restoration projects on public lands. Most of the grass and forb seed crops are bolting or blooming this time of year. So it's a good time to visit, see them in an agricultural setting, and learn a bit about growing them. Wayne Rolle, a retired local Forest Service botanist and currently a volunteer at JHSN, will lead a field trip to learn more about native grass and forb seed

crop grown at JHSN. Rendezvous for this leisurely 2 ½ -hour walking tour will meet at the main JHSN entrance on Hanley Road (0.35 miles north of the intersection with Ross Lane and please note this is NOT the Old Stage Road entrance). For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

May 11, 9:30am

Cedar Log Flat Research Natural Area

Join hike leaders from Applegate Neighborhood Network (ANN) and the Siskiyou Chapter Native Plant Society of Oregon (NPSO) on a hike to the Applegate Watershed's only *Darlingtonia* wetlands. *Darlingtonia californica*, otherwise known as cobra-lily or California pitcher plant, is an unusual insectivorous plant found most commonly in serpentine wetlands. We will be visiting the Cedar Log Flat Research Natural Area to explore the beautiful serpentine wetlands, pine savannas, and red rock wildflower displays of Slate Creek. The area contains numerous rare plant species, including rare plants otherwise found only in the Illinois River Watershed. Come join this botanical exploration into one of the Applegate Watershed's most unique habitats. Where: Meet at the Hidden Valley Market parking lot in Murphy to carpool to the Cedar Log Flat RNA on Slate Creek. Please RSVP: luke@applegateneighborhood.network.

May 19, 9:00 am

Lichen Hikin' with a Fun-gi

Spring is a prime time to observe lichens, bryophytes and terrestrial algae at upper Table Rock with John Vilella, a botanist with Siskiyou Bio Survey and member of the American Bryological and Lichenological Society. Some lichen highlights include variant forms of *Xanthoparmelia* and *Dermatocarpon* and local rarities such as *Pharmelina* and *Peltula*. Hand lenses and field guides are encouraged, but not required. Please register at <https://lichen-hike-2019.eventbrite.com>. Registration for April hikes will begin on March 22, 2019.

Umpqua Valley

Visit umpquavalleynativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online - call Donna Rawson 541-643-0364.

March 16, Saturday, 9:00am-3:00pm

Field Trip: Early spring wildflowers in Olalla Creek Watershed

Rod Trotter will lead us to Upper Olalla Road south of Tenmile, Oregon to view the first wildflowers of spring, including: Oregon fetid adder's tongue (*Scoliopus hallii*), gold star (*Crocidium multicaule*), baby blue-eyes (*Nemophila var. atomaria*), rosy plectritis (*Plectritis congesta*). We may make several stops along Olalla Creek. Ride sharing is encouraged. Bring lunch and dress for the weather conditions. Easy walking on this trip. Caravan will leave promptly at 9am. Call for meetup place. RSVP to Donna at 541-643-0364.

March 23, Saturday, 9:00am-3:00pm

Field Trip: Explore Beatty Rock, a monolithic outcropping of conglomerate in the

lower Cow Creek watershed

We will explore along lower Cow Creek Road to examine the California sword fern (*Polysticum californicum*), spring phacelia (*Phacelia verna*), a rare moss (*Pseudoleskeella serpentinensis*), and the fairy slipper orchid (*Calypso bulbosa*). We will amble about on Beatty Rock. A second stop is 1.8 miles further down the Cow Creek Road at the BLM Island Wayside. Anticipate climbing on sloping mossy (slippery) rock for viewing ferns. Ride sharing is encouraged. Parking is limited. Bring lunch and dress for the weather conditions. Caravan will leave promptly at 9am. RSVP to Donna at 541-643-0364.

We are organizing a monthly work party for landscape maintenance of the three native plant gardens we are continuing to enhance. If you like to work with plants and have some flexible time we could use your help. Contact Donna at 541-643-0364 (call or text).

Willamette Valley

For program information, contact John Savage at 503-779-5414, john@straubcenter.org.

Sunday, April 14, 7:30am–5:30pm

Field Trip: Catherine Creek and Dalles Mountain Road

John Savage of the Willamette Chapter of the Native Plant Society of Oregon will lead a trip to view the rare Obscure Buttercup, Bitter Root, Dagger Pod, Desert Parsleys, and other wildflowers at Catherine Creek and Columbia Hills in the Columbia Gorge. The combined walks will cover three to four miles with some elevation gain. Bring water, lunch, snacks, and appropriate footwear and clothing for wet and cold conditions. Location: meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem at 7:30 a.m. to carpool. Transportation will be provided to and from the trailheads. Cost: \$10. Space is limited. Registration is required. To register and for more information, contact John Savage: John@straubcenter.org or 503-779-5414.

May 4, 1:00-3:30pm

Field Trip: Kingston Prairie Preserve

Join Straub Outdoors educators and members of the Willamette Valley Chapter of the Native Plant Society of Oregon on an easy afternoon walk to view the rare Bradshaw's Lomatium (*Lomatium bradshawii*) and other blooming wildflowers at the Kingston Prairie Preserve southeast of Stayton. The 152-acre Preserve is the best example of native prairie remaining in the Central Willamette Valley. Bring water, a snack, sturdy walking shoes, and a jacket. Location: meet in the parking lot at the Willamette Heritage Center, [1313 Mill Street SE, Salem](https://www.willametteheritagecenter.org/1313-Mill-Street-SE-Salem) at 1:00 p.m. Transportation will be provided to and from the trailhead. Cost: \$5 per person. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

May 5, 9:30am-Noon

Field Trip: Minto-Brown Island Park

Wildcrafter and certified herbalist Jody Beckwith will lead a walk at Minto-Brown Island Park near Salem to identify plants used by herbalists to create salves, tinctures, and other medicinal remedies. Bring water, snacks, sturdy walking shoes, and a jacket. Location: meet in the parking lot at the Willamette Heritage Center, [1313 Mill Street SE,](https://www.willametteheritagecenter.org/1313-Mill-Street-SE)

[Salem](#) at 9:30 am. Transportation will be provided to and from the park. Cost: \$5 per person. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

May 9th, Thursday, 6:00pm

Nature Talk: Wisdom Native Plant Nursery Academy

Join Rose High Bear (Deg Hit'an Dine, Inupiaq), co-founder of *Wisdom of the Elders*, for a presentation about the organization and its newest venture, the *Wisdom Native Plant Nursery Academy*. Since 2015, *Wisdom of the Elders* has provided training for Native American youth and adults in environmental assessment and habitat restoration. It has also worked with diverse groups to provide living-wage jobs for Native American crews who restore habitat for native plant species traditionally used for food and medicine. *Wisdom of the Elders'* new academy, located in rural Marion County, will offer Native Americans training in horticulture and agriculture. Rose formed *Wisdom* in 1993 with Martin High Bear, the late Lakota spiritual leader and medicine man. She served as its Executive Director through 2017 and now is Senior Advisor of *Wisdom Agricultural Business Incubator*. Location: Dye House at the Willamette Heritage Center, 1313 Mill St. SE, Salem. Open to the public. No registration or RSVP required. \$5 suggested donation. For more information, contact John Savage at john@strauboutdoors.org or at 503-779-5414.

May 11-12, 10:00am-5:00pm

Field Trip: Silver Falls State Park (Mother's Day Weekend)

Members of the Willamette Valley Chapter of the Native Plant Society members will lead wildflower walks on both days of the annual Mother's Day Weekend event at Silver Falls State Park. Bird walks, presentations, photo hikes, and other field trips will also be available. View the work of nature artists, see a wildflower display, buy native wildflowers, and participate in a variety of crafts. For a full schedule of activities contact Matt Palmquist at matt.palmquist@oregon.gov or call 503- 874-0201.

May 19, 7:30am-5:30pm

Field Trip: Hood River Mountain Meadow

Members of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead an all-day walk to see Howell's Triteleia, Sticky-Stem Penstemon, Slender Godetia, Milk Vetch, and other Columbia Gorge wildflowers growing in a beautiful, flower-laden meadow overlooking Hood River. The walk will cover 2-3 miles with some elevation gain in the first mile. Bring water, lunch, snacks, sturdy walking shoes, and clothing for windy and wet conditions. Location: meet in the parking lot at the Willamette Heritage Center, [1313 Mill Street SE, Salem](#) at 7:30 a.m. Transportation will be provided to and from the trailhead. Cost: \$10. Space is limited. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

May 26, 9:00am-3:00pm

Field Trip: Finley Wildlife Refuge

John Savage of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead an all-day walk to view the wildflowers at the William L. Finley National Wildlife

Refuge near Corvallis. Golden Paintbrush, Nelson's Checkermallow, Peacock Larkspur, and other rare and endemic species grow in the untouched Natural Resource Area. Bring water, lunch, snacks, sturdy walking shoes, and a jacket. Location: meet in the parking lot at the Willamette Heritage Center, [1313 Mill Street SE, Salem](#) at 8:00 a.m. to carpool. Transportation will be provided to and from the trailhead. Cost: \$10. Space is limited. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

June 2, 8:00am-5:00pm

Field Trip: Mt. Hebo

John Savage of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead a day hike to view the rare Coast Fawn Lily (*Erythronium elegans*), Caldwell's Penstemon, Rusty Saxifrage, and other wildflowers of Mt. Hebo, near Grand Ronde. The four-mile walk (with 300 feet of elevation gain) also features a stunning view of the ocean. Bring water, lunch, snacks, and appropriate foot gear and clothing for wet and cold conditions. Location: meet in the parking lot at the Willamette Heritage Center, [1313 Mill Street SE, Salem](#) at 8:00 a.m. Transportation will be provided to and from the trailhead. Cost: \$10. Space is limited. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

June 9, 9:00am-12:30pm

Field Trip: Kingston Prairie

John Savage of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead a morning walk to view the wildflowers at the 152-acre Kingston Prairie Preserve southeast of Stayton. The Kingston Prairie Preserve is the best example of native prairie remaining in the Central Willamette Valley. The wet and dry prairies harbor native grasses and host a wide variety of prairie wildflowers including rare and endemic species such as the Willamette Daisy, the Willamette Larkspur, Field Checkermallow, and the Common and Leichtlin's Camas. Bring water, snacks, and appropriate foot gear and clothing for the weather conditions. Location: meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem at 9:00 am. Transportation will be provided to and from the trailhead. Cost: \$5 per person. Space is limited. Registration is required. To register and for more information, contact John Savage, John@strauboutdoors.org or 503-779-5414.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

OregonFlora



By: Dr. Linda K. Hardison
Director, [Oregon Flora Project](#)

OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, www.oregonflora.org. Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

We gratefully accept your donations online (www.oregonflora.org/supportOFP.php) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OregonFlora" on the memo line.



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