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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

March 2019

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Table of Contents:

- [Rare Plant Corner: Mountain lady's slipper on the Deschutes National Forest](#)
- [2016 Field Research Grant Report](#)
- [2019 Annual Meeting](#)
- [Glide Wildflower Show](#)
- [Native Plant Sale Season](#)
- [Willamette Valley Chapter Scholarships](#)
- [State/Chapter Notes](#)

- [OregonFlora](#)

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.

Lastly, when NPSO changed to emailing the Bulletin in place of paper Bulletins through the Post Office, we did not have emails for all members. We still don't, even though we have been working diligently toward that goal. If you know any members who have not been receiving the eBulletin, please forward it to them and encourage them to send their current email address to the membership chair ([membership@NPSOregon.org](mailto:membership@NPSOregon.org)).

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

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## **Rare Plant Corner: Mountain lady's slipper (*Cypripedium montanum*) on the Deschutes National Forest**

Elizabeth Johnson, District Botanist, Sisters Ranger District

Photos by Kermit Williams



Mountain lady's slipper is a strikingly attractive plant—and that's one of its downsides.

The locations of this eye-catching, maroon-and-white orchid are kept secret on the Deschutes National Forest due to concerns of theft. Susan Orlean's best-selling book, "The Orchid Thief: A True Story of Beauty and Obsession," is a good read if you want to learn more about orchid theft on a national level.

Locally, the Deschutes National Forest has fewer than a dozen known populations, and there is some indication that one of these may have fallen victim to theft. It wasn't revisited for many years, but when it was, the plant couldn't be relocated. The search turned up a depression in the vicinity of the GPS location, indicating that it might have been dug up. Mountain lady's slipper thefts are especially bad—when the plants are moved, they're doomed. Like many other species, mountain lady's slippers require a specific symbiotic fungus that does not transplant well. Other known threats include habitat conversion (such as housing developments), road construction, wildfire, and logging.

This lovely orchid is long-lived and rhizomatous, with both sexual and asexual reproduction. It can take four or more years for a plant to begin flowering, with each flower producing thousands of tiny seeds. Plants are 8 to 28 inches tall with 5 to 7 sessile, broadly elliptic leaves that alternate from erect stems. Inflorescences consist of 1 to 3 flowers, each with dark magenta-brown petals and sepals and a large white lip with deep magenta venation.

On the Deschutes National Forest, the only known populations are on the Sisters Ranger District. Until recently, all known sites were north of Highway 20. In 2016, a volunteer found an additional population on Black Crater. It was within the boundaries of the 2017 Milli fire and could not be relocated in 2018. The Sisters Ranger District plans to regularly resurvey for it, hoping it recovers.

Our lack of knowledge about the biology and ecological requirements of this species limits our ability to manage it. It is listed as “Survey and Manage” under the Northwest Forest Plan and is on the IUCN Red List as vulnerable and continuing to decline. It has a wide range—from Alaska south to California, and east into Idaho, Montana, and Wyoming—but the populations are small and far apart. It is not on the sensitive species list for the Pacific Northwest, but does make the list for most other portions of its range. In Oregon, the Forest Service maintains population data within the range of the Northern Spotted Owl, but not elsewhere. It is mostly found in montane forests near openings, often in association with Douglas-fir (*Pseudotsuga menziesii*).

Local populations typically flower between mid-May and mid-June. On the Sisters Ranger District, we have been fortunate to have a volunteer revisit our known sites for the last few years (and even find an additional population). Many of the sites are within the outline of an old wildfire, and natural succession has resulted in an increase of shrub cover. This has made it increasingly difficult to revisit these sites. Overall, the known populations are healthy, although there is concern that shrubs may slowly shade and outcompete the orchids. Counts in other locations are known to be highly variable by year, so determining long-term trends is especially difficult.



Although the species occurs in a broad range of habitats, it is so uncommon that we have not been able to determine any specific requirements for survival. In addition, the literature is contradictory. Thus, management recommendations mostly fall into the category of “doing no harm,” by avoiding direct mechanical damage, and maintaining existing moisture, temperature, and overstory canopy conditions.

Although the Sisters Ranger District won’t generally give out known locations, we greatly appreciate reports of populations from botanists and the public. Please inform the local district botanist if you find this species; photos are appreciated, as well. But if you use a GPS-enabled camera, please don’t share the photos on public social media sites (or with anyone who might reshare them) unless location information is disabled on the camera.

The accepted name in the Oregon Flora Project is mountain lady slipper. As a nationwide agency, the Forest Service uses the USDA P.L.A.N.T.S. database accepted common name mountain lady's slipper.

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## 2016 Field Research Grant Report

### Taxonomic Revision of the *Lomatium packardiae* Species Complex By Michael Ottenlips



A specimen of *Lomatium packardiae* collected in Malheur County in the Owyhee region of Eastern Oregon. Collection was made in spring of 2016 with financial assistance from the NPSO.

A field botanist once said that, in order to properly identifying a *Lomatium* species, “you need to be in two times and two places at once: above ground in early spring and summer for flowers and mature fruits and below ground to see the roots.” Even with all three characters present due to some stroke of luck, or after a perusal of many herbarium sheets, one is still confronted with thirty or so narrow endemics whose distributions span a county or less, or are found only on rare soils that would take a geologist to identify! What happens when botanical and geological experts who have flowers, fruits, roots and an intimate knowledge of local endemics still can’t the species in hand? Here, the addition of external data sources, such as DNA evidence, becomes necessary to understand the taxonomy and evolutionary relationships among the taxa.

A variety of closely related and morphologically similar *Lomatium* species, which have traditionally been treated as their own species, varieties, or subspecies of *Lomatium triternatum*, are found throughout the dry interior of the Pacific Northwest (Oregon, Idaho, and Washington). All have similar flower color (yellow), stature (low-growing and/or bunched), and basic leaf shape (leaves that are divided into three and three again). However, their differing geography, soil types, fruits, inflorescences, and distinctive leaf shapes were considered diagnostic until researchers at Boise State and the College of Idaho uncovered preliminary evidence suggesting that some plants, which have wide leaflets and are found in the Camas Prairie Grangeville, Idaho, were not genetically distinct from *Lomatium packardiae* populations in the Owyhee region of southeastern Oregon.

Possible explanations for this bizarre finding included that these populations were one species and the wetter rich environment of the Camas Prairie causes plants to grow more robustly than their southern counterparts in the desert. However, collections of wide leaflet plants have also been made in the dry and rocky Hell's Canyon area, suggesting that the environment is not the predominant factor in determining their morphology. Other explanations include hybridization or other evolutionary phenomena. New development in advanced DNA sequencing technology in conjunction with statistical programs allow researchers to unravel these evolutionary relationships.

Utilizing these new techniques and additional morphological and geographic data, we discovered that *Lomatium packardiae* populations from the Owyhees are distinct from the Camas Prairie and Hell's Canyon populations. *Lomatium packardiae* appears to be a separately evolving taxon, which is important because it is a listed species in Oregon. Thus, our research indicated that continued conservation measures are warranted for *Lomatium packardiae*.

The Native Plant Society of Oregon's field research grant was instrumental in providing financial resources to collect *Lomatium* samples for this research.

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## 2019 Annual Meeting

### **The 2019 Annual State NPSO Meeting will be July 12-14th at Forestfarm at Pacifica in Williams**

The Siskiyou Chapter is honored to be hosting the 2019 Annual Meeting of the Native Plant Society of Oregon (NPSO). We will be based at [Pacifica](#) ("A Garden in the Siskiyou") in Williams, Oregon. The meeting will highlight the beauty of the Applegate Valley and the special plants of the Siskiyou Mountains. The field trips will feature the Siskiyou Crest including Big Red Mountain, Dutchman Peak, Cook & Green Pass, Red Buttes Wilderness, Miller Lake, Grayback Mountain, and Bigelow Lakes. Our special guest speakers 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](#), and Luke Ruediger, naturalist and author of [Siskiyou Crest: Hikes, History, and Ecology](#).

This will be the first Annual Meeting in which online registration will be available and strongly encouraged, although we will also accommodate registration by mail. This year, we will aim for a zero waste event and request that participants bring their own tableware and napkins. A hygienic washing station will be available.

Remember that only current NPSO members can attend Annual Meetings, so please join or renew your membership. Registration information will be available in the April Bulletin.

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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**

|                                                                             |                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exhibits</b><br>Beekeeping<br>Noxious Weeds<br>Natural Dyes and spinning | <b>Special Presentations</b><br>❖ Rare and Unusual Plants of the<br>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 |
|-----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Sales**  
Flora books & posters  
Native plants  
Food & beverages  
Homemade pies

**See our website for details!**

  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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## It's Native Plant Sale Season!



Many local organizations are currently hosting their annual native plant sales. [Check out the NPSO website](#) for a list of sales, or follow up with your local Soil & Water Conservation District for more information and resources.

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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 Rockefeller 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 April 6th from 10:00am-2:00pm in Corvallis.

**Native Plant Appreciation Week** - Native Plant Appreciation week will be April 21-27, 2019. Plan your local chapter's activities to celebrate this statewide (and regional) educational event!

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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.

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.

March 28, Thursday, 6:45 to 8:45 pm

Program: Growing native plants in the home garden

Joyce Eberhart, Senior Faculty Research Assistant at Oregon State University, will cover many topics related to growing native plants in home gardens. She will share photos of her favorite plants, discuss how we define a native plant, why you should garden with them, what factors to consider in selecting plants, and aspects of designing a landscape. She will also share her favorite books and websites for identifying, selecting, and planting native species. Location: McMinnville Public Library, see above for details.

March 30, Saturday, 10 to noon

Work Party: Native Plant Garden at McMinnville Public Library

Spend a couple of hours between 10am and noon 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.

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](https://www.facebook.com/CorvallisNPSO).

March Meeting: March 11, 2019, 7:30pm

Room 2087 of Cordley Hall, OSU

Linda Hardison and Thea Jaster of the Oregon Flora Project will present new functionality in the OFP website. They explain, "OregonFlora is on the cusp of launching new tools on its website to engage anyone curious about the plants of Oregon.

- Head into the wilderness informed with a species list customized for your destination.
 - Identify any species in Oregon by simply tagging your location on a map and filtering on plant characters you recognize.
 - Interested in creating specific habitats or supporting wildlife in your garden? Our native gardening tools help you select the right species for your needs and interests.
 - Create a checklist of the plants of any area you define with our mapping feature.
- What we have been dreaming and creating for several years is now a reality. We're delighted to give you a tour so you can start enjoying this engaging new website to deepen your understanding of the Oregon flora."

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.

March 18, 2019, 7:00pm, Amazon Community Center

"When plants flower" by Briana Lindh

Detecting changes in spring flowering dates since 1960 using data from long-time NPSO member Wilbur Bluhm. This interesting data will help us look at the responses of native plants, camas, red-flowering currant and some garden plants, to anthropogenic climate change and natural climate oscillation.

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.

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.

Klamath Basin

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

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 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.

** The Portland Chapter is seeking a new chapter president and a new VP of Programs. Please email salixsky@hotmail.com for more information.

March 14, 7:00pm

Program: Saving Liberty Hill, A Basalt Camas Prairie

Presenter: Larissa Huson, Activist for Liberty Hill

A family in St. Helens had to sell off 200+ acres in the late 1980's connected with other Columbia River formations of basalt flows. They now need help from conservation groups to buy and protect the vanishing Oregon white oak and camas prairie plant communities from mining or development.

March 16th, 8:30am - 4:30pm

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

Leaders: Paul Slichter & Susan Saul

Description: Moderate early season wildflower hike in the eastern Gorge, following cross country routes pioneered by Russ Jolley and Nancy Russell that few people have hiked. Hike is about 6-7 miles long with 500' elevation gain. The route includes an old pioneer road, basalt formations and views from McCall Point and the Cherry Orchard in the east to Catherine Creek and Mt. Defiance in the west. We'll look for grass widows, fields of yellow bells, early balsamroots, paintbrush, Columbia desert parsleys and numerous other early flowers. Drive is 140 miles RT. Contact Paul at pslichter@frontier.com or 503-661-3292 for more information and to register. Hike is limited to 12 participants.

March 21st, 8:30am - 4:30pm

Trip/Location: Catherine Creek, WA

Leaders: Ron Klump & Nancy Chapman

Description: The premiere early flower spot in the Gorge where we will search for grass widows, yellow bells, prairie stars, toothworts, several desert parsleys, early glacier lilies and others. Easy walking route of approximately 5 miles with 800-foot elevation gain. Meet at Gateway Park & Ride (Portland) at 8:30am to carpool or at the Catherine Creek trailhead at 10:00am. Approximate return time to Portland is 4:30pm. Drive is 120 miles round trip from Gateway Park & Ride (Portland). Contact Ron at klumpron@gmail.com for more information or to sign-up. Hike is limited to 12 participants.

April 6th, 1:00 - 4:00pm

Volunteer Work Party at Nob Hill Nature Park

Help remove lunaria and blackberry from the city's property below the bluff at Nob Hill Nature Park in St Helens. The Scappoose Bay Watershed Council and Friends of Nob Hill Nature Park invite you to join the semi-annual volunteer work party on Saturday, April 6 from 1 to 4 PM. Nob Hill Nature Park is an oak woodland overlooking the Columbia River. The Friends of NHNP have been restoring the site since 2004. Meet at the city's water treatment plant, 451 Plymouth Street, in St. Helens. Volunteers are welcome. Pre-registration is requested by Friday, April 5 by calling Scappoose Bay Watershed Council at 503-397-7904. Or e-mail pat@scappoosebay-wc.org.

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. Meet at the Gateway Park & Ride (Portland) at 8:30am to carpool or at the Memaloose Overlook trailhead at 10:00am. Drive is 140 miles round-trip from Gateway Park & Ride (NE Portland). Contact Clarice at eclaricej@gmail.com for more information 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.

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>

March 2nd, 10:00am

Lichen Search with Lichenologist John Villella

Join lichenologist John Villella this spring for a walk around Lithia Park looking for lichens. The communities of lichens and bryophytes that occur on trees and shrubs are common but often overlooked. If you look closely you can see that they tell a story about the environmental conditions around them - they are bioindicators. Join us on a walk through Lithia Park where urban adapted species blend with forest species. Using these epiphytes, we will learn how to interpret air quality and the health conditions of the forest. We will also discuss the role of lichens and bryophytes for wildlife, nutrient cycling, and canopy ecology. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

March 11th, 11:00am-4:00pm

Restoration at French Flat Area of Critical Environmental Concern

Siskiyou Chapter of the Native Plant Society of Oregon, KS Wild, BLM, the Illinois Valley Soil and Conservation District and the Illinois Valley Watershed Council joins together again to help with yet another habitat restoration project, this time at French Flat Area of Critical Environmental Concern (ACEC). French Flat ACEC is home to a large meadow with a population of federally endangered lomatium - *Lomatium cookii*. The BLM plans to protect the lomatium population by building a fence along the property boundary between the private property and BLM protected botanical meadow. BLM needs help getting fence materials to the site since it can't be accessed via a road. Volunteers must be prepared to carry wooden fence poles to the meadow in preparation for fence building which will occur at a later date. Bring a sack lunch, water, closed toed shoes, and warm comfortable work clothes. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

March 21, 7:00pm

Program: Fire and Forests of the Rogue Basin

Dry forest communities of the Rogue River Valley were historically tended by frequent fire. Harmful logging practices and exclusion of natural fire have dramatically changed

the character of these forests. Dr. Kerry Metlen of The Nature Conservancy will provide a background on local fire ecology then highlight ongoing efforts to restore fire to the region's forests in a way that works for people and nature. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or 860-878-2049.

April 6th, 9:00am-2:00pm

More than Morels

Follow mycology expert and founder of Zoom Mycology, Bashira Muhammad, on a exploration for mushrooms in the Cascade-Siskiyou National Monument. Searching for the elusive morel has grown increasingly popular in Southern Oregon in recent years, but don't overlook the many other mycological treasures hidden throughout our region. Bashira will lead participants through the Monument on a search to identify a myriad of native mycelium. The location of the hike will be determined based on weather conditions and where the mushrooms are blooming. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

April 18, 7:00pm

Program: Flora of the Serpentine Outcrops in the Blue Mountains

Scattered here and there in the Blue Mountains of NE Oregon are areas of soil derived from serpentinite. This challenging soil supports a peculiar vegetation. Dick O'Donnell will summarize eight years of field work in an attempt to understand the geology of these outcrops and to inventory their vegetation. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at alexislarsen1983@gmail.com or 860-878-2049.

April 20th, 10:00am

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, a camera is optional. You might also like to bring a bag lunch. The hike will end about lunchtime at a picnic table overlooking Rough & Ready Creek. Meet at the parking lot at 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.

April 28th, 9:00am

Wildflowers of Horseshoe Ranch Wildlife Area

Come explore burned areas of the Horseshoe Ranch Wildlife Area with Sheri Hagwood from US Fish and Wildlife (USFWS). The Horseshoe Ranch Wildlife Area is comprised of approximately 5,000 acres of CDFW property, supplemented by an additional 4,000 acres of BLM lands. Formerly a working cattle ranch, the terrain consists of rolling 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 Sheri at the gas station in Hornbrook 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.

Umpqua Valley

Visit umpquavallevativenativeplants.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 (*Polystichum 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.

Thursday, March 14, 6:00 - 7:00 p.m.

Program: Uncommon Beauty - Rare Plants of Oregon

Some of Oregon's most beautiful native plants are also among its rarest. John Savage of the Willamette Valley Chapter of the Native Plant Society of Oregon will give a slide presentation showing some of Oregon's rare beauties, where to look for them, and what

we can do to preserve and enhance their populations.

The talk is open to the public and no reservations are required. Cost: a \$5 suggested donation at the door. Location: Eco Hub, Willamette Heritage Center, 1313 Mill Street, Salem. For more information, call John Savage at 503-779-5414 or email john@straubcenter.org.

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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