



Native Plant Society of Oregon

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

Bulletin

April 2024 Volume 57, No.3



Beckwith's violet (*Viola beckwithii*). April 19, 2012. Harney County Oregon. Photo by
Gerald D. Carr, Courtesy of Oregon Flora

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To subscribe to the NPSO email discussion list, visit


<https://www.npsoregon.org/discussionlist.php>


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For membership inquiries, contact Willow Elliott, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

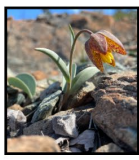
It's Native Plant Appreciation Month!

Celebrate!
Native Plant Appreciation Month
April 2024







Delphinium pavonaceum, Peasock larkspur, May 25, 2023, Finley National Wildlife Refuge
By Tom Kaye




Fritillaria glauca, Siskiyou fritillary, May 6, 2023, Illinois Valley
By Rachel Werling



Castilleja levisecta, golden paintbrush and *Sidalcea asprella* ssp. *virgata*, rose checkermallow, May 21, 2023, Herbert Farm and Natural Area
By Kate Lowry



Anemone occidentalis, western pasqueflower, July 26, 2021, Mt. Hood Meadows
By Willow Elliott






Olsynium douglasii, grass widow, March 23, 2022, Rough and Ready Botanical Wayside
By Amy Dessert

Learn more about Oregon's native plants



- Join your local Native Plant Society
- Attend a program or workshop
- Visit a native plant nursery or garden
- Volunteer for a restoration project
- Hike a natural area
- Add native plants to your landscape
- Purchase a new guidebook or native plant gardening book
- Join our florablitz on iNaturalist

and

- Visit Oregon Flora

Discover local NPSO chapters' events:
<https://www.npsoregon.org/calendar.html>

Castilleja angustifolia, violet desert paintbrush, May 29, 2022, Highway 140 East of Adel, OR
By Binstal Underwood

April is a wonderful time to enjoy our early native flora around much of the state, and there are many activities in which you can participate.

You can join NPSO's Native Plant Appreciation Month Florablitz on iNaturalist:

<https://www.inaturalist.org/projects/npsos-native-plant-appreciation-month-florablitz-2024>.





NPSO's Native Plant Appreciation Month Florablitz

APR 1, 2024 - APR 30, 2024

Your iNaturalist observations of flowering plants throughout the state of Oregon during the month of April will automatically be added to the project. You can further help expand our knowledge of Oregon's flora by identifying the observations made by others. Last year, people on iNaturalist reported more than 22,000 observations of over 1200

species flowering plants in Oregon during April. Can we find more this year?

Most of the local chapters have exciting events planned as well. To find these events, look in this *Bulletin* or on the state-wide calendar, <https://www.npsoregon.org/calendar.html>. Local chapters also may have their own websites or Facebook pages where they are posting events. If nothing NPSO “official” is happening in your area, grab some friends and see what you can find (then submit your pictures on iNaturalist or to the *Bulletin* Photo Gallery). Go outside and enjoy our beautiful spring! - *Judi Sanders*

Investigating Shrub-Grass Interactions in Big Sagebrush Ecosystems

The following article by Rachel R. Renne, Doctoral Candidate at the Yale School of the Environment, is based on research that was partially supported by funds from the NPSO's field research grants program. Special thanks to Rachel for taking the extra effort to provide this perspective that illustrates the kinds of research that our society supports via your membership and donations. Her work looks at how the relationships between soil texture and precipitation influence the dominance of grasses versus shrubs in big sagebrush ecosystems.- Dan Luoma

In May 2021, I walked 750 miles across the cracked and rumpled basaltic plains of central and southeastern Oregon on the [Oregon Desert Trail](#). Like the subtly shifting tapestry of plants that textured the landscapes I passed through, my days were defined by finding, storing, and utilizing water. Although animals like me can travel relatively large distances to seek out water sources, plants must make do with what is available where they grow. Each species extracts water from the soil at different depths, depending on how deep its roots are and how easily it can extract water from soils with different water contents. Together, the rooting depth and water-extraction ability of each species defines its ecohydrological niche and determines where different species are able to grow.

In general, shrubs—including big sagebrush (*Artemisia tridentata* Nutt.), my patient companion through eastern Oregon—have long, woody roots that can reach water deep in the soil, below the roots of herbaceous species like grasses. Consequently, the depth distribution of water in the soil (*soil water*) can influence the relative importance of shrubs and grasses in water-limited (*dryland*) ecosystems. Precipitation amount and season (winter or summer), along with soil texture, are the main determinants of the

depth distribution of soil water and predict vegetation type (shrubland versus grassland) relatively well (Figure 1).

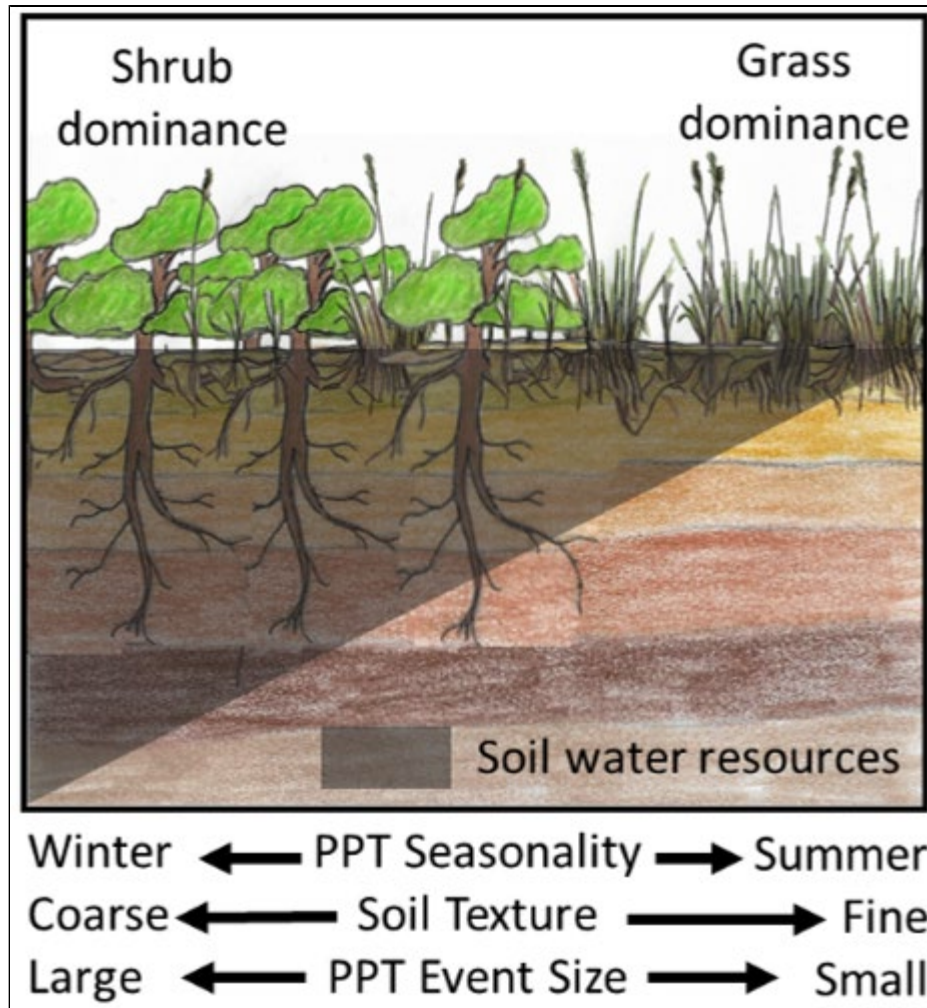


Figure 1: Depth of soil water resources and plant functional type dominance as related to soil texture and precipitation (PPT).

This relationship is broadly observable across the drylands of the western United States. We find grassland vegetation in the Great Plains, where most precipitation arrives in the summer, and shrubland vegetation in the Intermountain West (including eastern Oregon), where a substantial amount of precipitation arrives during the cold season.

Yet, precipitation patterns are highly variable across the big sagebrush region, and most of these ecosystems support a mix of shrubs and grasses. In fall of 2021, I entered the doctoral program at the Yale School of the Environment to further explore the relationships between the relative importance of shrubs and grasses and patterns of soil water. Although shrubs and grasses are thought to coexist by using water in different parts of the soil to avoid competition, their roots overlap in shallow soils, and it is likely that they do interact in some way. Previous research suggests that the nature of

interactions between plants (positive, neutral, or negative) may depend on the overall availability of resources, including soil water. My goal was to explore how soil water amount and depth distribution influence the relative importance and interactions between shrubs and grasses in sagebrush ecosystems.

To answer these questions, I identified fifty-one relatively undisturbed sites in potential big sagebrush habitat across eight states (Figure 2), including six sites in Oregon.

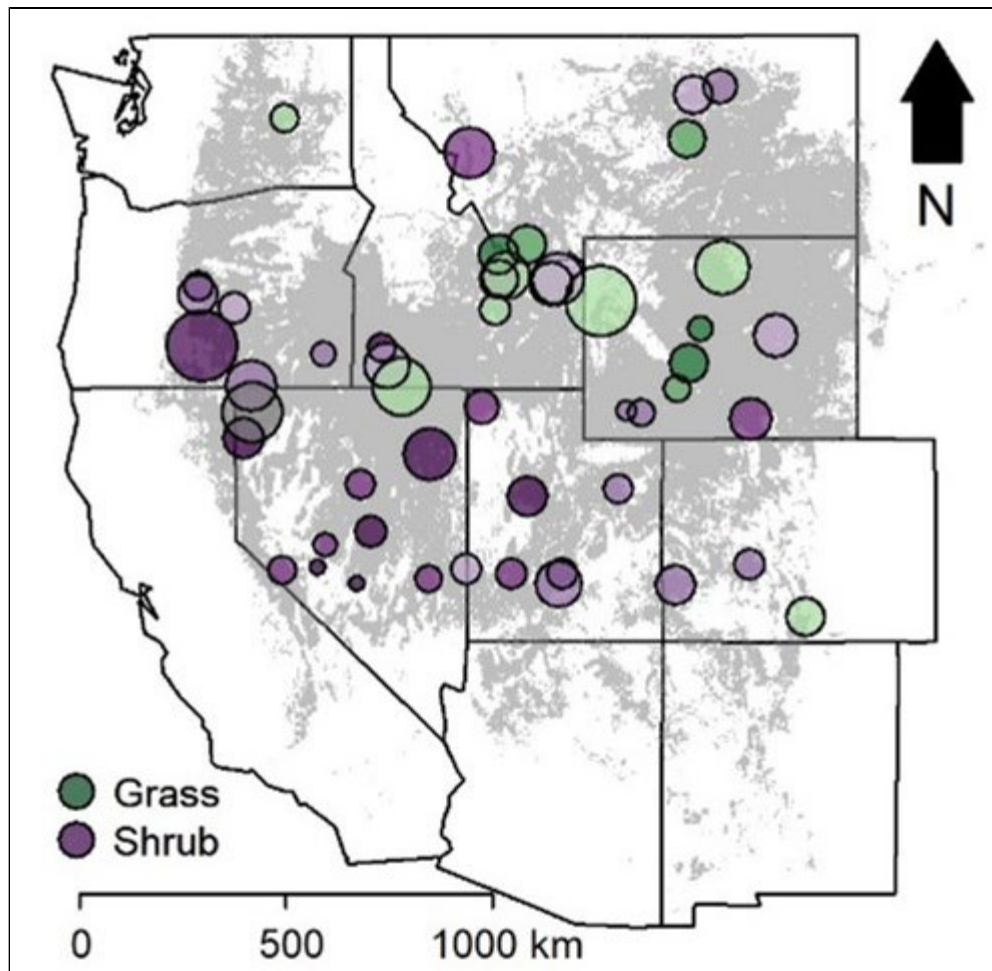


Figure 2: Map of the relative dominance of shrubs or grasses at fifty-one sample locations located in relatively undisturbed habitat across the big sagebrush region (grey area). Point size is proportional to mean annual precipitation.

In 2022, supported by a NPSO Field Research Grant, I visited these sites and measured the cover of shrubs and grasses to determine which growth form was dominant (Figure 2). I also recorded the size, height, and number of perennial grasses and other herbaceous plants growing under shrubs and in open spaces between shrubs (interspaces). I used an ecosystem water balance model to estimate average patterns of soil water using historic weather data (1991-2020). Most of my previous experience in

sagebrush ecosystems has been in Wyoming and eastern Idaho, and I was impressed by the subtle and dramatic differences I found in the sagebrush plant communities in Oregon. Sagebrush tends to be much larger in Oregon than Wyoming, and I finally got to meet Thurber's needlegrass (*Achnatherum thurberianum* (Piper) Barkworth) in the field—this species is widespread in Oregon, but uncommon in Wyoming.

My preliminary results suggest that shrub-grass dominance and interactions depend more on the depth distribution of soil water than total precipitation. The sites in Oregon all favored shrubs over grasses (Figure 2), and interactions ranged from strongly positive (shrubs facilitated grasses) to moderately negative (shrubs were competitive with grasses; Figure 3).



Figure 3: Measuring shrub size and cover at two field sites in Oregon with contrasting shrub-grass interactions. The site on the left is located between the Warner Highway and the Nevada border, and big sagebrush is moderately competitive with perennial grasses. The site on the right is located between the Ion Highway and the Owyhee River, and big sagebrush is strongly facilitative to perennial grasses. Photo by Rachel R. Renne.

Across all fifty-one sites, I found that shrub-grass interactions tended to be more positive when soil water conditions favored shrubs (more water in deeper soils) and more negative when soil water conditions favored grasses (more water in shallower soils). I also found that shrub-grass interactions tended to be more neutral or negative at wetter sites compared to drier sites, regardless of the depth distribution of soil water. These results suggests that the relative importance of shallow and deep soil water may control the ability of shrubs and grasses to effectively partition soil water resources.

Support from the NPSO in 2022 allowed me to visit more sites in Oregon than I had initially proposed—including the wettest site in my study, located on the Winter Rim above Summer Lake. I was generously granted funds above the amount I requested, which was especially helpful as fuel prices were unexpectedly high that summer. I presented this project at the Ecological Society of America meeting in Portland in August

2023. This research will contribute to the first chapter of my dissertation and eventually to a publication in a peer-reviewed journal. I look forward to my next foray into Oregon's drylands! - *Rachel R. Renne* rachel.renne@yale.edu

NPSO Annual Meeting News



Salmon River Estuary. Photo courtesy of Camp Westwind.

NPSO's 2024 Annual Meeting, hosted by the Cheahmill and Corvallis chapters, will take place in Grand Ronde May 17 to May 19, 2024. It is open to all members of NPSO. Visit the [Annual Meeting Website](#) for complete program and field trip descriptions, dining and accommodation recommendations, and event schedules.

Registration will continue until May 7th or until we reach capacity, whichever is sooner. Field trip selection is first come-first served. An online registration form is available [here](#) and the required waiver form is [here](#). For questions about this year's Annual Meeting email: annualmeeting@npsoregon.org. -*Judi Sanders*

OregonFlora

OregonFlora will return next month.



Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to bulletinnpso@gmail.com. Please get consent from any people included in your photo prior to sending it.



Mature Douglas-fir (*Pseudotsuga menziesii*) and Shasta red fir (*Abies magnifica* × *A. procera*) forest near Mt Ashland at about 6000 feet elevation. March 2024. Photo taken by Ken Berg while cross country skiing. According to *Flora of Oregon* no pure *Abies magnifica* is likely to exist in Oregon. All previously described populations of *A. magnifica* are now assigned to *A. magnifica* × *A. procera*.



Bigleaf lupine (*Lupinus polyphyllus*) in Marina Longden's yard in McMinnville, Oregon.
February 10, 2024. Photo by Marina Longden.

Oregon Mystery Plant

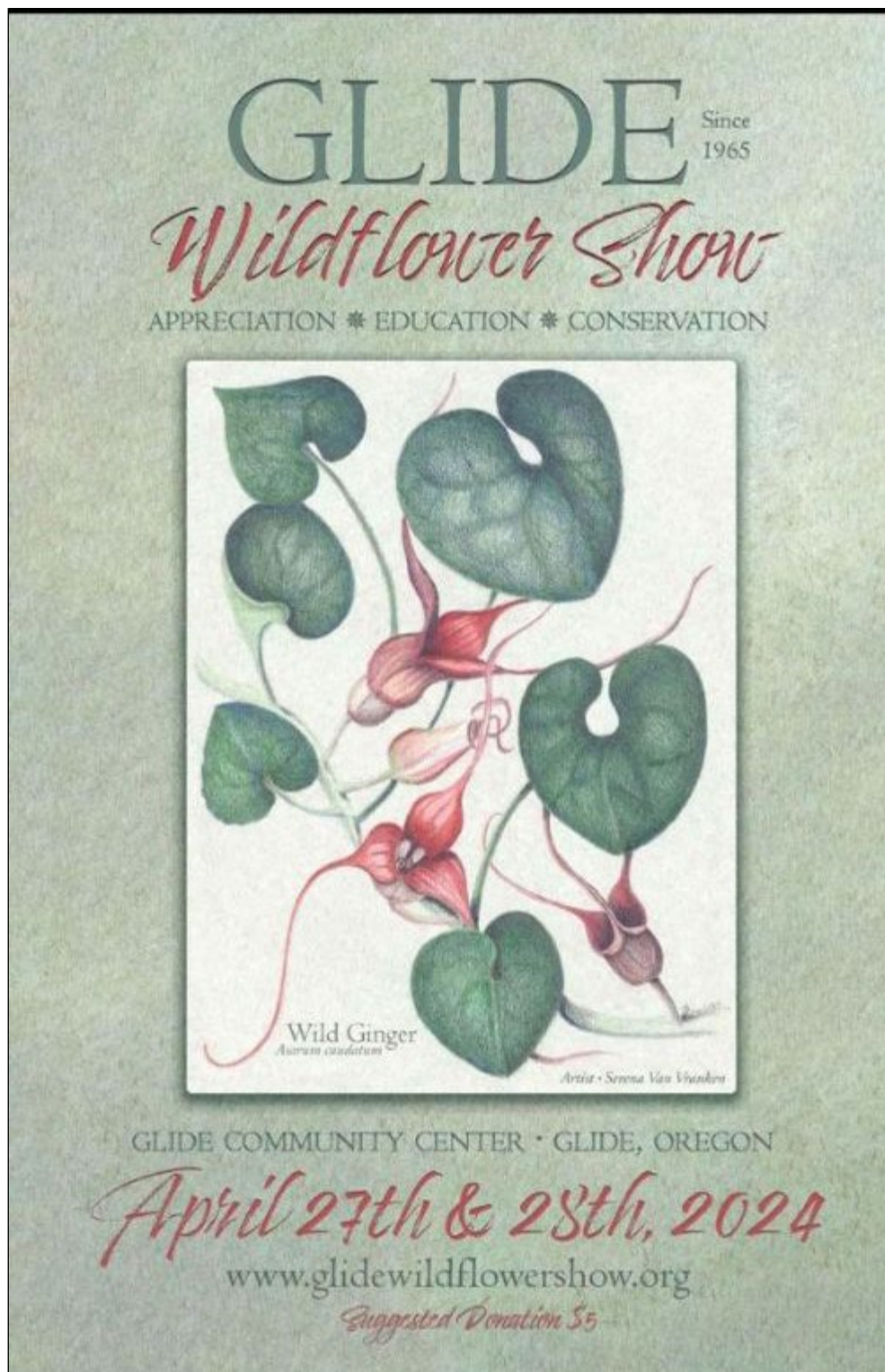




This month's mystery plant, shown in the two photos above, was photographed by Jerome Brown on June 15, 2008. It was growing under junipers close to his home near Bonanza, Oregon. If you can identify this plant, email the editor at bulletinnpso@gmail.com.

Do you have an Oregon Mystery Plant to share? Send it to the editor at bulletinnpso@gmail.com

Glide Wildflower Show- April 27-28, 2024



Greetings from the Glide Wildflower Council to Oregon's NPSO Chapters! The Glide Wildflower Show will be held on April 27-28, 2024. Being over fifty years old, this show is the largest showcase of native flora in the Pacific Northwest.

Features of the show include:

-Over 600 species of wildflowers, shrubs, trees, mosses, lichens, and ferns, collected throughout Southwest Oregon, artfully displayed and labeled

- Special displays of edible and medicinal plants, natural dyes, noxious weeds, beekeeping, 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 from knowledgeable speakers will include:

- Medicinal and Edible Plant Uses - Steven Yeager, Mountain Rose Herbs in Eugene
- Tribal Uses of Native Plants
- Moss Diversity in the Pacific Northwest
- Tour the Show with a Botanist - Dr. Ken Carloni, retired Umpqua Community College professor of botany
- Guided Wildflower Walks - Glide Wildflower Show collectors

The details:

- Location: Glide Community Center, Glide, Oregon seventeen miles east of Roseburg on Highway 138
- \$5 suggested donation per person
- 9:00 am to 5:00 pm both Saturday and Sunday, with a photographers-only hour from 8:00 am to 9:00 am
- Accessible building, entrance around back

Visit our website at www.glidewildflowershow.org for more information. If you have questions or would like advice on planning your group's outing, email info@glidewildflowershow.org.

For other local attractions and lodging:

Roseburg Visitors Center is now Experience Roseburg ~ 541-672-9731 ~ Experience Roseburg www.experienceroseburg.com.

We hope to welcome your NPSO chapter this year! -Serena Van Vranken for Glide Wildflower Show

**Willamette Valley Chapter Scholarships
Available for Students in Botany and Plant-
Related Fields**

The Willamette Valley Chapter of NPSO is offering \$500 and \$1,000 scholarships for sophomores, juniors, and seniors enrolled at an Oregon college or university for the 2024-2025 school year and who are majoring in one of the following fields of study:

- botany;
- horticulture with a focus on native plants;
- any biological, environmental, or natural resource science with a botany emphasis;
or
- any biological, environmental, or natural resource science combined with a demonstrated intent to pursue studies or a career in a plant-based field focused on or related to native plants (e.g. ecology, systematics, sustainable natural resource management, conservation biology).

Half-time students are eligible.

A limited number of qualified applicants will be selected to receive the \$500 and \$1,000 scholarship awards. Applications will be accepted by mail or electronically until **June 1, 2024**.

Applicants must submit a completed application that includes name, address, email address, phone number, college or university name, and college or university address.

Applicants also must submit:

- a statement of academic and career intent, with a discussion of relevant coursework, extracurricular activities, and interests- the statement should show a demonstrated interest in native plants and the intent to pursue studies or careers related to native plants;
- one letter of reference from a person able to judge the student's ability to successfully complete study in the student's area of major study; and
- full collegiate academic record (transcript).

Completed applications and documents can be sent by mail to:

John Savage
Jean Davis and Augusta Rockefeller Scholarship Funds
2114 Thoreau Avenue SE
Salem, OR 97302

Completed applications and documents can also be sent by email to:

wvnpsso@gmail.com. For any questions about the scholarship, or to obtain an application form, contact John Savage at 503-779-5414 or at wvnpsso@gmail.com.

2024 Candidates for NPSO State Board of Directors

The NPSO Nominating Committee offers the following list of candidates for the state offices. Newly elected individuals will assume office during the Annual Meeting. Please consider serving our society. If you are interested in serving or have suggestions for future candidates contact Kim Brown at secretary@npsoregon.org for more information.

Voting instructions will be sent via email to NPSO members-of-record in late April.

President:

Steven Yeager (Emerald) Originally from Philadelphia, Steven moved to the Pacific Northwest in 1994 and has been rooted in Eugene ever since. He is vice president of quality and regulatory affairs at Mountain Rose Herbs. Steven Yeager has been exploring Oregon's wild places and studying the Pacific Northwest's native flora since 1995: botanizing, wildcrafting, and preparing herbal preparations for himself and his family. Steven is also an herbal educator and former co-owner of the Columbinas School of Botanical Studies. He believes cultivating a relationship with plants and the natural world is vital for a healthy existence on this planet. He also serves as a board member for the American Herbal Products Association (AHPA) and is currently participating with many of AHPA's committees. He also serves on the boards for the AHPA Foundation for Education and Research on Botanicals, United Plant Savers, NPSO, and NPSO Emerald Chapter. When not at work or volunteering with various non-profits, Steven enjoys spending time with his family, cooking, hiking, camping, wildcrafting, and botanizing in the Cascade Mountains.

Vice-President:

Judi Sanders (Corvallis) is originally from the Roseburg area and received her bachelor's degree from the University of Oregon. She did her graduate work in California and spent much of her professional career there. After retiring from the communication department at Cal Poly Pomona, she returned to Oregon in 2005 and subsequently taught communication at Oregon State University for ten years. Her lifelong love affair with wildflowers drew her to NPSO in 2006. Judi has previously served as the NPSO state president, vice-president, and as an at-large board member as well as Corvallis Chapter president. She has been the coordinator of Native Plant Appreciation Week/Month since

about 2007 and has served on various other NPSO committees. She also previously served on the Oregon Invasive Species Council.

Secretary:

Kim Brown (Portland) is originally from Colorado but has lived in the Pacific Northwest for the past decade. She has her master's degree in environmental science (2021) from Portland State University where she studied the effects of the invasive green crab on Oregon's coastal eelgrass. Currently, she is a cartographer for the Washington Department of Natural Resources. Outside of work, Kim collects and studies Oregon's native bees and their plant associates through Oregon State University's Master Melittologist Program.

Treasurer:

Seán Cawley (Siskiyou) Seán immigrated from California in 2019. He spent a year working in the Worldwide Organization of Organic Farms program in Ireland where he lived and worked on various organic farms including goat dairy farms. He has a master's degree in business and a bachelor of science degree in environmental business. He is a certified master gardener. He recently completed the Land Steward Program. He is passionate about enhancing biodiversity in gardens, companion planting, and using native plants whenever possible. He prefers to grow plants for consumption, herbal health, and soil/planet health. If he can't eat it or use it, he doesn't want to waste water growing it.

He stepped down as treasurer of the Jackson County Master Gardener's Association this past year. He had served on the board since 2020 and as treasurer for the past two years. As treasurer he moved the financial practices of the association to paperless operation. It now utilizes QuickBooks online (cash accounting), online banking and check writing including making all expense requests digital. The organization is still accepting checks, but their system also supports PayPal payments. While not a certified public accountant, he worked for twelve years as the assistant to the chief financial officer of a non-profit university in San Francisco. He has technical experience with Microsoft Office including Excel and most Adobe products. He prefers using the Apple computer platform but can "muddle" his way through a personal computer.

He is a veteran having served sixteen years in the Navy, where he trained in electronics. He volunteers at the White City Veteran's Administration Rehabilitation Center in Jackson County by teaching veterans how to grow food for sustainable living. The Center utilizes the Nutritionists at the Veteran's Administration to devise recipes and diets to augment the various foods harvested.

He owns and lives in a tiny house which has less than 250 square feet of living space. The house is designed with grey water plumbing and a compost toilet. He designed the electrical system to use less than two kilowatt hours per day including heating, ventilation, and air conditioning. He is proud of the very small footprint that he leaves on this planet.

Directors-at-Large:

Marshall Doak (Siskiyou) grew up in the Denver, Colorado region and completed his bachelor of science degree in horticulture at Colorado State University prior to relocating to the Pacific Northwest. His career spans two industries: first as a grower and manager for plant production companies and then as a business development professional after completing his master's of business administration at Pacific Lutheran University. As an adult, in addition to maintaining a love of plants, Marshall has volunteered to assist several organizations over time, including being community services commissioner, a Xeriscape Park Design Committee member, and a Watershed Council board member among other appointments. As a hobby, he collects seeds of woody plants and grows the seedlings, resulting in a potpourri of ornamental and native plants in need of permanent homes. Marshall is a member of the NPSO Siskiyou Chapter and is interested in being more active in the NPSO, offering his experience and talent mix to the NPSO State Board. He resides in the Rogue Valley and is employed by Southern Oregon University as the director for the Southern Oregon University Small Business Development Center.

Dick O'Donnell (Siskiyou) As a Californian who spends inordinate amounts of time in Oregon, in Oregon's neglected corners as well as more central places, his desire to serve NPSO must be tailored to circumstances. Since he retired from his job as an economist at a large corporation in about 2006, he has been able to devote most of his time to being in the outdoors, doing what he likes best: hiking. He has written numerous articles about wild places in the San Francisco Bay area in *The Four Seasons*, a local annual journal of the East Bay Botanic Garden and named a new species of *Streptanthus* and one of *Hesperolinon*. This was published in the journal *Madrono* and can be reviewed in the *Flora of North America*. He is now completing a book about the Blue Mountains of Northeastern Oregon, a twelve-year project. Having spent so much time in the northeastern corner of Oregon, he was puzzled to find that the NPSO chapters there or near there were under-represented. The Blue Mountains can have a higher profile in NPSO and that's the main thing, but not the only thing he plans to do as director at large.

Megan Westby (Portland) is a Portland native with a bachelor of arts in international

relations from George Fox University. She currently manages grant proposals for The Nature Conservancy, and previously for the Xerces Society. Her career in nonprofit conservation fundraising spans advancing habitat protection for Oregon's native invertebrates to invasive terrestrial species removal in the plains of northern Tanzania. Megan is a perennial student of the natural environment, and likewise enjoys supporting youth environmental education. Her passion for native plants stems from their importance in climate resilience and the survival of all forms of life in a changing world.

Table Rocks Hikes

The Nature Conservancy and Bureau of Land Management, Medford District are sponsoring a series of free, guided hikes at Upper and Lower Table Rocks, near Medford, Oregon from April 6 to June 1, 2024. The complete list of hikes can be viewed at tinyurl.com/TableRocksHikes2024. Although the hikes are free, registration is required due to limited space. We hope you can join us at the Table Rocks. -*Kathy Kudo, The Nature Conservancy Volunteer Hike Coordinator*

Chapter Notes

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 <https://www.facebook.com/NPSO.Cheahmill>.

Saturday, April 27, 9:00 am - 11:00 am

Work Party: Native Plant Garden at McMinnville Public Library

Location: McMinnville Public Library

Spend a couple hours with a congenial crew and learn how the beauty, diversity, and educational value of this mature demonstration garden is maintained with a minimum of effort. No experience is necessary. Bring gloves, bucket, and gardening tools. Dress for the weather. For more information, contact Catie Anderson at catie.fishback@gmail.com or 971-241-7634.

The library is located at 225 NW Adams Street (corner of Highway 99 W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

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).

Monday, April 8, 7:30 pm - 8:30 pm

Program: Wildflowers of Mary's Peak

Presenter: Phil Hays

Location: Room 2602, Cordley Hall, Oregon State University Campus, 2701 SW Campus Way or via Zoom.

Phil has led the Mary's Peak hike for the Corvallis Chapter for decades and is a fabulous photographer. He has also co-written an article on the Mary's Peak Scenic Botanical Area that was published in *Kalmiopsis*.

To attend via Zoom, register in advance

here: <https://oregonstate.zoom.us/meeting/register/tJltdOutrTwiGNMWgRam6jQusTl2qxfJuOQN>

After registering, you will receive a confirmation email containing information about joining the meeting.

Saturday, April 13, 10:00 am - 12:00 pm

Field Trip: Jackson Frazier Wetlands

Leaders: Dan Luoma and Joyce Eberhart

We will spend about one to two hours walking around the Bob Frenkel Boardwalk at Jackson Frazier Wetlands looking for early native wildflowers, including some of the seven species of buttercups known from the site.

We will meet at the parking lot for the wetlands at the north end of Lancaster Street in Corvallis. For more information, contact Dan at luomad@oregonstate.edu.

Sunday, April 21, 1:00 pm - 3:00 pm

Field Trip: Baker Creek Trail at Sulphur Springs

The Sulphur Springs area of the McDonald research forest north of Corvallis will be an easy hike through a beautiful area to celebrate Native Plant Appreciation month! The hike is 0.24 miles long with a twenty-three-foot elevation gain. Some blooming native wildflowers that might be seen are *Delphinium trolliifolium*, *Trillium* sp., *Dicentra formosa*, and *Cardamine* sp. There is a large parking area at the trailhead for Baker Creek. Please bring water and dress appropriately for the weather.

Meet at the parking area for Baker Creek Bridge trail on Sulphur Springs Road. For more information, contact Alexandria Kurowski, kurowsal@oregonstate.edu.

Saturday, April 27, 10:00 am - 12:00 pm

Field Trip: Woodpecker Loop, William L. Finley National Wildlife Refuge

Leader: Esther McEvoy

This will be a short hike through a wooded area with trillium, osoberry, and thimbleberry. We may also see patches of iris, rose checkermallow, and hopefully some cat's ear. We will look to see if we can find the elusive *Fritillaria affinis*. Come dressed for the weather and bring binoculars.

Meet at the parking area next to Woodpecker Loop. Contact Esther for more information at 541-990-0948.

Emerald

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.

Saturday, April 13, 9:00 am - 3:00 pm

Field Trip: Brice Creek Trail

Leader: Bruce Waugh

Join State Board member Bruce Waugh hiking in an old growth forest on a streamside trail through a scenic, rocky canyon. We will primarily see forest flora with the occasional rocky bald. It is a three-mile round-trip on an easy to moderate trail. Due to the narrowness of the trail and steep drop offs, this hike is not suitable for those with vertigo or balance issues.

If participants are interested in seeing the native plant gardening and restoration Bruce has been doing on his oak woodland property outside of Cottage Grove for the past eight years, he is willing to show folks around after the walk.

Meet at South Eugene High School at 19th and Patterson Street in Eugene at 9:00 am or at Row River Nature Park in Cottage Grove at 9:30 am. Bring lunch, water, boots, rain gear, and hiking poles if desired. Sign up [here](#)

Sunday, April 14, 1:00 pm - 2:00 pm

Field Trip: Museum of Natural and Cultural History Native Plant Garden

Leader: Margaret Conover

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that has provided nutrition and material for tools, shelter, and more for millennia. This is the first of a monthly series of walks at this location.

Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. Sign-up is not needed, and the tour is free to NPSO members.

Friday, April 19, 7:00 pm *Note this is Friday, not a Monday meeting.

Presentation: The Master Melittologist Program's Oregon Bee Atlas: A Statewide Initiative to Document the Floral Relations of Oregon's Native Bee Fauna Using Community Scientists.

Speaker: Lincoln Best, Faculty Research Assistant, Oregon State University

Location: In Person, 221 Allen Hall, University of Oregon campus. Venue may change, so check <https://eugenenaturalhistorysociety.org/> to stay informed.

Lincoln will introduce the productive framework for education through the online Master Melittologist Program and data production for the Oregon Bee Atlas. These complementary programs have assessed native bee visitors to more than 1,500 plant taxa in the state and have detected several hundred species of bees including new state records and new species. Using a combination of traditional morphological examination and DNA-barcoding to identify species continues to expand our knowledge of the state bee fauna.

Lincoln Best is the taxonomist for the Oregon Bee Atlas and collaborates on research with many other groups in the Pacific Northwest and internationally. He is most interested in faunistics and the floral relations of these amazing animals.

Sunday April 21, 10:00 am - 11:30 am

Field Trip: Laurelwood Bog

Leader: Hugh Pritchard

Location: The entrance to the Bog is at the end of Agate Street, Eugene, Oregon. Just head south until you can't go any further, and you have arrived. Parking is on-street.

Hugh Prichard, co-owner with the city of Eugene, will lead us on this tour on the Northwest corner of the Laurelwood Golf course. The Laurelwood Bog is a native plant project in its fourteenth year and has many mature plants with a forty-foot-tall *Salix* sp. and a ninebark tunnel arching over the pathways. Hugh has now planted over 110 species, and over seventy-five should be identifiable on the day of the tour. Most are marked. Sign up [here](#)

Friday to Monday, April 26 - 29

Activity: 2024 City Nature Challenge

The City Nature Challenge is a community science bioblitz with the goal of observing and identifying as many species as possible in urban communities and surrounding areas. Participants from more than 450 cities worldwide will contribute! Our project geography covers the entirety of Lane County. All you need to do to contribute is to upload the iNaturalist project [here](#) and make observations of plants, animals, or fungi when you are

outside during this weekend. Information on scheduled events and further details can be found on the [City Nature Challenge Facebook page](#).

Saturday, April 27, 10:00 am - 12:00 pm

Field Trip: Amazon Park Annual Family Plant Walk

Leaders: NPSO Volunteers

Location: Amazon Community Center, Main Hall, 2700 Hilyard St, Eugene

Join NPSO volunteers on a tour of the wildflowers that are growing along the trail in Amazon Park. We'll learn about streamside and wetland plants and look for wildlife along the way. Meet at the Amazon Community Center at 10:00 am. The walk is approximately a 1.5-mile loop on pavement and barked trail. Sign up with the City of Eugene Park and Recreation Program.

Sunday, May 5, 1:00 pm - 2:00 pm

Field Trip: Museum of Natural and Cultural History Native Plant Garden

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that has provided nutrition and material for tools, shelter, and more for millennia. This is the second of a monthly series of walks at this location. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the U of O campus in Eugene. Sign-up is not needed, and the tour is free to NPSO members.

High Desert

For information, visit our website: www.highdesertnpsoregon.org or Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email us at highdesertnps@gmail.com. Find our latest field trip observations on iNaturalist, <https://www.inaturalist.org/projects/high-desert-chapter-nps-field-trips>.

Saturday, April 13, 9:00 am - 12:00 pm

Field Trip: Buttercup Bonanza at Chimney Rock

Leader: Ben Snyder, High Desert Chapter member

Location: Chimney Rock Trail (<https://blm.gov/visit/chimney-rock-trail>)

The hike begins near the Crooked River and winds about 700 feet up to the top of the bluffs - about three miles round trip, at a relaxed pace. The group will hopefully be checking out *Lomatium* sp., *Ribes* sp., *Sedum* sp., *Salvia* sp., *Woodsia* sp., and the abundant sagebrush buttercups among many other wonderful plants. Wear your favorite hiking footwear. Bring water and snacks; we'll be taking a break at the eponymous pillar of basalt. Join this optimistic look toward spring with your fellow plant lovers!

RSVP to High Desert field trip coordinator Jill Kellogg at HighDesertNPSO (at) gmail (dot) com with “Chimney Rock” in the subject line. The location is about an hour’s drive from Bend. Please indicate if you’d like to share your email with other participants so you can make carpool arrangements. Limit twenty buttercup enthusiasts.

Wednesday, April 24, 4:00 pm

Event: High Desert Chapter Spring Social and Chapter Meeting

Location: WinterCreek Nursery, 63405 Deschutes Market Road, Bend

Come meet our incoming board members and enjoy a spring afternoon perusing WinterCreek’s extensive native plant selection. More details coming soon. Snacks and beverages provided.

Klamath Basin

For information on the Klamath Basin Chapter, contact kb_president@npsoregon.org, visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

Portland

Our members receive *The Calochortus*, our monthly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, notify us at npsopdxchapter@gmail.com. You’ll also find our monthly programs and additional field trips posted on our Meetup page: [meetup.com/NPSO-Portland/](https://www.meetup.com/NPSO-Portland/). Our Facebook page is regularly updated with current wildflower bloom status and photos: [facebook.com/npsopdx.portland](https://www.facebook.com/npsopdx.portland). Visit our chapter website at portlandnativeplants.org for archived newsletters and to register for current programs. View recordings of past programs on our YouTube channel. Join one of our iNaturalist projects: [inaturalist.org/projects/npsopdx-collective-annual-projects](https://www.inaturalist.org/projects/npsopdx-collective-annual-projects). Follow us on Instagram: [instagram.com/npsopdx/](https://www.instagram.com/npsopdx/).

Members will find links to register for our second Thursday Zoom presentations in each issue of the *Bulletin*, in *The Calochortus* newsletter, and on our social media channels. The Portland Chapter does not host Zoom Programs in July and August.

April is Native Plant Appreciation Month

Join the Portland Chapter of the Native Plant Society of Oregon (NPSOPDX) for a variety of native plant related activities: hikes, workshops, programs, and more. Check our [Website](#) and [Google Calendar](#) for more details.

The NPSO Portland Chapter gets ready to launch its fourth annual iNaturalist Bioblitz for the 2024 Native Plant Appreciation Month! Help us document the existence and phenology (life stage) of native plants in the greater Portland area and the Columbia River Gorge during the months of April and May. This is a fantastic opportunity to enjoy

and protect Pacific Northwest natives. If you haven't already, please download the iNaturalist app, available for iPhone or Android, and at iNaturalist.

Join this year's iNaturalist NPSOPDX24 [Native Plant Appreciation BioBlitz 2024](#) and compare this year's observations to the previous ones on our Collective NPAM page projects [here](#).

Saturday, April 6, 1:00 pm - 3:00 pm

Volunteer Work Party: Friends of Nob Hill Nature Park

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

Scappoose Bay Watershed Council and Friends of Nob Hill Nature Park invite you to join the semi-annual volunteer workday. We'll pull ivy and put in native plants donated by Scappoose Bay Watershed Council at the lower park. Nob Hill Nature Park is an oak woodland overlooking the Columbia River.

Dress for the weather, including rain gear if needed. Please bring gloves, tools, water, and snacks. This work party takes place rain or shine. Meet at the kiosk across from the city's water treatment plant at 451 Plymouth Street, in St. Helens. All are welcome.

Pre-registration is requested by Friday, April 5 by calling Scappoose Bay Watershed Council at 503-397-7904 or email info@scappoosebay-wc.org. For the day of the event, call 503-349-8586. We look forward to seeing you!

Thursday, April 11, 7:00 pm - 9:00 pm

Zoom Presentation: Native Plants of Oregon's Northern Coastal Range

Presenter: Kira Taylor, Naturalist

Location: Zoom

Tucked away in the northern reaches of Oregon's Coast Range, the Tillamook and Clatsop State Forests are an underappreciated wonder. In this presentation, Kira Taylor, a long-time Coast Range resident and naturalist, shares some of her favorite hikes in the Tillamook and Clatsop as well as the native plants found growing along these trails. She'll also touch on the history of these lands, from the formation of the Coast Range, through the Tillamook Burn, to their designation as State Forests. Highlighting additional resources, Kira provides the tools to plan your own hikes into this spectacular region.

Register for this Zoom event [here](#). When you register, you will receive an email with the Zoom link to join. Save it!

Thursday, April 18, 7:00 pm

In-Person Presentation: Plants that Eat Truffles for Lunch

Presenter: Daniel Luoma, Former State NPSO President and Oregon State University Mycology Professor

**Location: The SE Uplift Building Fireplace Room
3534 SE Main St. Portland, Or 97214**

Dan Luoma will discuss a group of fascinating organisms that have gourmet dietary preferences. Interactions between forest plants and their associated beneficial root fungi provide the broader context for this talk. He will give special attention to those plants without chlorophyll that depend on truffle-forming fungi to meet their nutritional needs.

Members are invited to this special event as well as one guest per member.

Thursday, May 9, 7:00 pm

Zoom Presentation: Where We Call Home: Lands, Seas, and Skies of the Pacific Northwest

Presenter: Josephine Woolington, Writer and Musician

Location: Zoom

Josephine will discuss her book, *Where We Call Home: Lands, Seas, and Skies of the Pacific Northwest*, a nonfiction essay collection about Northwest plants and animals, and the relationship that people have had with them over time. Through interviews with local biologists, historians, artists, and Indigenous leaders and scientists from the Confederated Tribes of Grand Ronde, the Yakama Nation, Haida Nation, and the Makah Tribe, the essays delve into the past, present, and possible future of Northwest landscapes, encouraging curiosity, humility, and a more collective understanding of our home. Josephine will also discuss her latest work featured in High Country News that details underground seed banks and their promise for ecological restoration.

Register for this Zoom event [here](#). When you register, you'll receive an email with a link to join the session. Save it.

For field trip Information, visit our [Google Calendar](#).

Siskiyou

To sign up for the Siskiyou Chapter NPSO monthly eNews on a new platform: [sign up](#)

To view our YouTube Channel and watch past programs: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNz0jLISw>

To join a native plant google group forum: Siskiyou-Chapter-NPSO-plant-talk@googlegroups.com

To join our Facebook page: <http://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

Sunday, April 7, 9:30 am

Field Trip: Bald Mount Plant Hike

Leader: Wayne Rolle

The Siskiyou Chapter of the NPSO is hosting a botanical field trip along the ridge of Bald

Mountain. Bald Mountain is located above 5,000 feet in elevation between Talent and the Little Applegate watershed. This will be an opportunity to see the locally rare Henderson's biscuitroot (*Lomatium hendersonii*) and a few other early wildflowers that make up the diverse native flora of the area. Hike participants will enjoy great views of the Siskiyou Mountains. The hike is of moderate difficulty. Meet for carpooling in the south parking lot of Talent Elementary School (corner of Wagner Creek Road and Schoolhouse Road) at 9:30am. To register: <https://www.eventbrite.com/e/botanical-field-trip-to-bald-mountain-tickets-838899339507?aff=oddtcreator>

Email the trip leader Wayne Rolle at wrolle@mind.net if more information is desired. All NPSO field trips are free and open to the public.

Thursday, April 18, 7:00 pm

Program: The Serpentine Flora of Oregon's Blue Mountains

Speaker: Dick O'Donnell

Location: Southern Oregon University, Ashland, Science Building, Room 101 or via Zoom

Scattered here and there in the Blue Mountains of Northeastern Oregon are areas of soil derived from serpentinite (mantle rock or serpentine). This challenging soil supports peculiar vegetation. After fifteen years of multiple annual visits to explore the serpentine in the Blue Mountains, Dick O'Donnell is memorializing the event with a long paper which is nearly complete and will be ready to publish in a few weeks. Dick spoke to the Siskiyou Chapter several years ago.

Southern Oregon University, Science Building, Room 161. This program will also be provided as a zoom for folks who cannot attend in person. To register for the zoom: <https://bit.ly/npsotalks>.

Dick's degree is in economics to which he sacrificed twenty-five good years in the corporate world. Now retired, He studies and photograph plants from southern Arizona to the Wallowa Mountains. When not in the field, he studies 19th century botany and botanists in the old and new worlds.

Saturday, April 20, 9:30 am - 12:00 pm

Field Trip: Rough and Ready Botanical Wayside

Trip Leaders: Siskiyou Chapter NPSO and Cultural and Ecological Enhancement Network

Registration Link: <https://www.eventbrite.com/e/868767776807?aff=oddtcreator>

Monday, April 29, 9:00 am - 1:00 pm (8:00 am carpool from Oregon State University Extension, Central Point)

Hike: Limpy Botanical Trail Hike

Leader: Rachel Werling

Join us for an easy one-mile loop trail through the botanically rich serpentine area of the Limpy Botanical Interpretive Trail outside of Grants Pass. This is a lovely and varied walk-through forest and meadow showcasing a rich diversity of our spectacular southwest

Oregon flora. A woodland of the magical Pacific yew and waterfalls along Limpy Creek are part of this special walk.

Registration and more information can be found at: <https://extension.oregonstate.edu/county/sorec/events>

Friday, May 31, 1:00 - 4:00 pm

Field Trip: Identifying Wildflowers of the Cathedral Hills

Trip Leaders: Doranne Long & Amanda Snodgrass, Bureau of Land Management Botanist

Registration Link: <https://www.eventbrite.com/e/868778970287?aff=oddtcreator>

South Coast

The South Coast Chapter has been recently re-established, with membership from both Curry and Coos counties. Guests of members of other chapters are welcome at our events. To join our mailing list, please contact our chapter president Charmane Mitchell at: cmainie@gmail.com.

Visit our Facebook page at: <https://www.facebook.com/NPSOSouthCoastChapter>.

Saturday, April 6, 11:00 am

Hike: Sweet Smell of Azaleas on the Coastal Trail

Leader: Julia Bott

Location: Coastal Trail at Harris Beach State Park, Brookings

We will meet at the overflow parking lot near the entry kiosk. The main part of the hike is approximately two miles round-trip on flat, accessible trails. Additional options are available.

Julie can be reached at: jbott@batnet.com, 650-520-5673.

Umpqua Valley

Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online? - call Donna Rawson at 541-643-0364.

Saturday April 6 or Sunday April 7, 9:00 am - 3:00 pm

Field Trip: Olalla Creek-Course Gold, Lower Olalla Creek Watershed

Leader: Rod Trotter

This is our first field trip of the year to view early spring wildflowers in Olalla Creek watershed. Rod Trotter will lead the group to Olalla Creek on 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*), and rosy plectritis (*Plectritis congesta*). We make several stops on this easy walk along Olalla Creek. Ride sharing is

encouraged. Bring lunch and dress for the weather conditions. We will leave Roseburg at 9:00 am and return about 3:00 pm. Contact Rod at 541-672-1907 or M A. Hansen at 541-863-8111 for the meeting location and other details.

Tuesday, April 9, 6:00 pm

Chapter Meeting: (in person and via Zoom) followed by 7:00 pm

Video Presentation: Homegrown National Parks

Presenter: Doug Tallamy

Come see our new meeting room at the Faith Lutheran Church, 820 Kenwood Street, Roseburg. (Westside parking area behind the church.) For questions or Zoom information, contact Donna at 541-643-0365.

Saturday April 13 or Sunday April 14, 9:00 am - 3:00 pm

Field Trip: Beatty Creek- Beatty Rock

Beatty Rock is monolithic outcropping of conglomerate in the lower Cow Creek watershed. This is one of our favorite spots. The wildflower display is continuously changing all spring. We will explore along lower Cow Creek Road to examine the California sword fern (*Polystichum californicum*), Hooker's fairy bells, a rare moss (*Pseudoleskeella serpentiniensis*), the fairy slipper orchid (*Calypso bulbosa*), grass widows, (*Olsynium douglasii*), coast trillium (*Trillium ovatum*) and a rarely seen yellow *Lomatium* sp. Parking is limited, ride sharing is advised.

If you're coming from south of Roseburg, you can meet us in the McDonald's parking lot on the Riddle Interstate-5, 103 exit road. Let us know if you are meeting us there. We should be there around 9:20 am (departing Roseburg at 9:00 am.)

Contact Rod Trotter at 541-672-1907 or M. A. Hansen at 541-863-8111 with questions or for details. It is imperative that you call Rod or M.A. again the night before the trip to confirm your plans to attend and to confirm the schedule has not changed. We often have to change the date on short notice due to bloom or weather unpredictability, or country emergency road closures.

Willamette Valley

Thursday, April 25, 6:30 pm - 7:30 pm

Zoom Program: Tribal Histories of the Willamette Valley and Reconstructing Willamette Valley Environments

Presenter: Dr. David G. Lewis

Dr. Lewis, Assistant Professor of Anthropology and Indigenous Studies at Oregon State University and author of the acclaimed *Tribal Histories of the Willamette Valley*, will discuss the Kalapuya tribal culture and the Willamette Valley environments in which they lived, and present his research tracing the changes to the environment after arrival of European settlers. Dr. Lewis will explore the removal of water and the return of cultural

fire and what this means for tribal descendants today.

Dr. Lewis has conducted extensive research on the tribal histories of Northwest coastal peoples, specializing in Western Oregon tribes. He served as the director of the Southwest Oregon Project at the University of Oregon and was the Cultural Department manager of the Confederated Tribes of the Grand Ronde for eight years. Dr. Lewis is a member of the Confederated Tribes of the Grand Ronde and a descendant of the Takelma, Chinook, Molalla, and Santiam Kalapuya peoples of Western Oregon. For more information and to register for this Zoom presentation, email John Savage at wvnpsso@gmail.com

Sunday, April 28, 12:00 pm - 2:00 pm

Field Trip: Bush Park

Leaders: Members of the Willamette Valley Chapter of NPSO

Bush's Pasture Park is home to more than fifty native wildflowers. Members of the Willamette Valley Chapter of NPSO will lead a walk to view and identify the native plants. The walk is part of the City Nature Challenge sponsored by the City of Salem and Marion Soil and Water Conservation District. For more information and to register for the plant walk, contact John Savage at wvnpsso@gmail.com. For information about the City Nature Challenge, visit the event webpage at <https://www.cityofsalem.net/community/natural-environment-climate/join-the-city-nature-challenge> or call 503-588-6229.

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. Our website is not currently functional.

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## **Native Plant Interest Groups:**

### **Filipendula**

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

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## **NPSO State Officers**

- **President:** Steven Yeager, [president@npsoregon.org](mailto:president@npsoregon.org)
- **Immediate Past President:** Dan Luoma, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
- **Vice President:** Lisa Blackburn, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- **Secretary:** Kim Brown, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- **Treasurer:** Michael Hartman, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- **Directors:** Gail Baker, Stephen Meyers, Jason Clinch, Dave Garcia, Alexis Larsen

## Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Willow Elliott](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Tom Pratum](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook

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