



Native Plant Society of Oregon

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

Bulletin

November 2024 Volume 57, No.9



Fall color in the Oregon Cascades. Hackleman Creek near Fish Lake Guard Station.

Linn County, Oregon. October 11, 2024.

Photo by James Kangas.

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If you have any questions, please contact us at [bulletinnpso@gmail.com](mailto:bulletinnpso@gmail.com).

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To subscribe to the NPSO email discussion list, visit <https://www.npsoregon.org/wp/discussion-lists/>.

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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.

**Save the Date!**

**NPSO 2025 Annual Meeting May 16 - May 18.**

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## Legislative Support for OregonFlora Let's Make it a Reality

NPSO has found a legislative ally of OregonFlora.

Representative Pam Marsh (District 5, Ashland area)

enthusiastically agrees that the resources offered through

OregonFlora are critical for both the NPSO and a wide

variety of governmental agencies, businesses, educators,

and Oregon residents.

Representative Marsh will be submitting a bill for the 2025-2026 biennium to request \$200,000 per year of ongoing support for the OregonFlora program. This would represent an historic first for receiving sustainable financial support; it would let OregonFlora continue to keep plant diversity data freely available and up to date.



### How can you help?

Below is an informational fact sheet that describes the forthcoming legislation that Representative Marsh has requested. Early in 2025, we will receive a bill number and the proposed bill language. During the legislative session, which runs from January to June, there will be multiple opportunities to submit testimony in favor of the bill, and we will be encouraging you to send an email to your state representative and senator to ask for their support.

Find your representative by entering your home address [here](#).

When you write your legislators tell them why the *Flora of Oregon* books and the OregonFlora website are important to you. Introduce them to the OregonFlora website: <https://oregonflora.org>.

Ask your Legislators to contact Representative Marsh about signing on as a co-sponsor of the OregonFlora Funding Bill. Representative Marsh is a Democrat. Republican co-sponsors showing bipartisan support would be great.

Be on the lookout in future emails for further direction on how to support the bill. When the 2025 Oregon Legislative Assembly convenes and committee memberships are finalized, we will ask you - NPSO constituents of the legislators on key committees—to again contact those legislators. The Joint Committee on Ways and Means is one of those committees.

If you have questions or need help writing a letter to your legislator, contact your

chapter president who will connect you with a NPSO Legislative Committee volunteer.

Thank you. We can do this. - *Dave Garcia*



## A Bill to Establish OregonFlora in Oregon Statute

OregonFlora provides comprehensive information about the vascular plants of Oregon, making this knowledge accessible and relevant to public, state and federal agencies, educational institutions, businesses, scientists, and others through *Flora of Oregon* publications, a website, distribution maps, field photos, and identification tools. <https://oregonflora.org/>

OregonFlora is the only program in Oregon that curates and freely shares data about all plants that grow here without cultivation. It is vital that this information is maintained and current to understand systems at the core of Oregon's identity:

- Healthy, resilient, and sustainable forests
- Rangeland and agricultural fields with invasive weeds identified and targeted for control
- Expansion of the horticultural native plant industry
- Habitats that support wildlife, game, and fisheries
- Recreation, residency, and stewardship in diverse ecosystems

The upcoming Volume 3 of the *Flora of Oregon* includes a new chapter, "Native Lands: The Connections Between Native People and Plants," which describes the deep ties between native people and the landscape of their homelands, and how cultural practices have shaped plant communities now defined as 'native flora.' It highlights how generations of traditional ecological knowledge of plant uses, distributions, and characteristics define a plant classification system rivaling the binomial naming system used in Western science.

- By describing plants with both their Latin scientific name and Indigenous names from multiple Tribes, OregonFlora will highlight and normalize Indigenous contributions to our knowledge of the state's natural resources.
- Because OregonFlora identifies and maps where plant species can be found, it supports Indigenous efforts to connect with culturally relevant plants for propagation and restoration purposes, and for dietary and cultural uses.

### PROBLEM

OregonFlora maintains an enormous database on behalf of Oregon—and since its inception in 1994, the resource has expanded, becoming more comprehensive and accessible. The program has relied upon grants and donations to fund 100 percent of salaries, employee benefits, and direct operating expenses for the past 30 years. Given the program's significant growth, benefits to statewide agencies and institutions, and its value to Oregon's natural resource based-economy, this funding approach is no longer sustainable.

### SOLUTION

Long-term and sustainable funding is needed to ensure that OregonFlora can continue to provide this service. House Bill ##### will establish OregonFlora in statute by creating an appropriation of \$400,000 per biennium made to the Higher Education Coordinating Commission for distribution to Oregon State University.

For more information, please contact Rep Pam Marsh, [rep.pammarsh@oregonlegislature.gov](mailto:rep.pammarsh@oregonlegislature.gov)

Informational fact sheet that describes the forthcoming legislation for support for the OregonFlora program.

**Rates of NPSO Annual Membership Dues to**



## Change in 2025

The State Membership Committee is announcing a decision reached by the State Board members on October 19, 2024. After much consideration and in agreement with a majority of respondents in the member survey this summer, the rate of member contributions of annual dues will be increased beginning in 2025. The renewal season will begin later this year on December 1 when the "sliding scale" rates for individuals and new rates for all other levels will be announced. Personal renewal messages will be sent by email based on your current level of membership and reflected in your membership profile in the membership database.

Please wait to make any renewal payment until the membership database has been updated with new amounts in December so you don't underpay the 2025 rate. Be prepared to enter a new 12-character password when logging in to Renew which is required annually in the Wild Apricot system. Follow instructions on the membership website to renew after logging in during December, not before please.

Information or assistance requests will be answered by emailing [membership@npsoregon.org](mailto:membership@npsoregon.org). Please state your chapter affiliation.

Thank you for your enduring support of NPSO. - *Willow Elliott, State Membership Chair and Alex Kurowski, Membership Database Manager*

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## Southern Oregon Botanical Areas Threatened by Nickel Laterite Mining

Last spring, Spruce Ridge Resources, a Canadian-based mineral exploration company, staked 115 mining claims totaling 2,376 acres on the west side of Eight Dollar Mountain in Josephine County, Oregon. Spruce Ridge, who recently changed its company name to Homeland Mining, claims that Eight Dollar Mountain contains nickel laterite deposits.

These mining claims are on the Eight Dollar Mountain Botanical Area, on public lands managed by the Rogue River-Siskiyou National Forest. Boardwalks and interpretive sites for the area are managed by the Bureau of Land Management. The claims also border the Wild and Scenic Illinois River.

A U.S. Forest Service Brochure states: "Eight Dollar Mountain is one of the most

significant botanical sites in Oregon, representing a major area of species endemism in the state. Since the 1880s, botanists have noted the area as being an important focal point for uncommon plants."

For an excellent discussion of Eight Dollar Mountain's serpentine soils, serpentine plant communities, and rare serpentine endemic plants, please go to the following U.S. Forest Service website:

<https://www.fs.usda.gov/wildflowers/beauty/serpentine/index.shtml>.



Howell's mariposa lily (*Calochortus howellii*), a serpentine endemic species from Josephine County, Oregon. June 12, 2007. Photo by Gerald D. Carr, Courtesy of Oregon Flora.

The extraction and processing of nickel laterite is devastating. It is a surface mining process known as open-pit mining or strip mining. The first step is to use bulldozers to clear all the vegetation, topsoil, and non-valuable overburden to expose the ore deposit. All this material is piled nearby.

Once the physical pit mine infrastructure is built, the process of drilling, blasting, excavation, loading, and transporting of the nickel laterite ore begins. Like the overburden the waste rock is piled in a "waste dump" near the edge of the pit.

Because of the cost of transportation, the ore is processed near the mining pit. First, the nickel laterite rock is run through a mill and ground into a wet pulp. Then, the pulp is

processed by a high-pressure acid leach which uses sulfuric acid under high pressure and temperature to leach out the nickel and other minerals.

The processed ore, known as “tailings,” is pumped into a settling pond until the water evaporates. These tailings ponds are often toxic due to the presence of unextracted sulfide minerals.

All these mining activities will be uphill and adjacent to the Wild and Scenic Illinois River which, not far downstream, merges with the Wild and Scenic Rogue River.

While the Mining Law of 1872 gives mining companies a lot of freedom as to how they extract and process minerals, the U.S. Forest Service must also follow more recent laws concerning the environmental impact of mining operations. No actual mining can be permitted until a full analysis of the impacts of the mining is completed.

Given the above description of the impacts of nickel laterite mining, you would think that such a devastation would not be permitted by the U.S. Forest Service.

However, the article titled "The Role of Nickel in the Renewable Energy Revolution" in the September 20, 2023 *Innovation News Network* (a newsletter that reports on the latest innovations in scientific and technological developments) points out the growing global demand for nickel: “The critical role of nickel in electric vehicle (EV) battery manufacturing cannot be understated - it is instrumental in green technology that will help forge a net zero future.

Central to this journey is lithium-ion batteries - the lifeblood that fuels these eco-friendly transportation alternatives. These batteries power our EVs and are crucial components in various modern technologies.

Among the key ingredients of lithium-ion batteries, nickel stands out due to its unique properties. Its energy density and capacity retention make it essential in EV battery manufacturing. The demand for nickel in EV battery manufacturing is on an upward trajectory, given the surge in EV production worldwide, thereby shedding light on its indispensable role within the industry.”

Imagine the money and political forces that will unite to support Homeland Mining’s extraction of nickel-laterite on Eight Dollar Mountain.

Fortunately, the "River Democracy Act", introduced by Senator Ron Wyden includes

protections for serpentine wetlands. This Senate Bill, S.4449 is very specific about “withdrawing” Eight Dollar Mountain from all potential mining activity. On June 12, 2024, the Committee on Energy and Natural Resources Subcommittee on Public Lands, Forests, and Mining began hearings on S.4449.



Purple-flowered rush-lily (*Hastingsia bracteosa* var. *atropurpurea*), an endemic serpentine wetland species from Josephine County, Oregon. June 11, 2011.

Photo by Norman Jensen, Courtesy of Oregon Flora.

Please thank Senators Ron Wyden and Jeff Merkley for sponsoring the "River Democracy Act" in the Senate and share with them your commitment to protecting special botanical



areas like Eight Dollar Mountain. - *Dave Garcia, Siskiyou Chapter Conservation Committee*

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## Butte Biogeography: Tree Distribution in the Mountains of Central Oregon



Instructor Bob Earle observing Western white pine (*Pinus monticola*) (left photo) near the north side of Newberry Crater and Alaskan yellow cedar (*Callitropsis nootkatensis*) (right photo) in the Aldrich Mountains during the 2024 COCC course on butte biogeography.

Photos by Cedar North.

Bob Earle's presentation for the Native Plant Society of Oregon's High Desert Chapter did more than generate interest—it led to the creation of a new summer course at Central Oregon Community College (COCC). His talk [Butte Biogeography; March 26, 2024] on tree distribution in the lesser-known buttes of central Oregon highlighted how tree species thrive atop these smaller mountains. Through his field research during the pandemic, Bob discovered previously undocumented patterns of tree distribution. The audience found his presentation engaging, particularly one student attendee (myself). Afterwards, I worked with Bob to turn the material from his presentation into a formal course during the COCC summer session.

This demonstrates how talks at NPSO meetings can create new opportunities. They not only provide educational experiences but can also lead to further learning and collaboration. I hope other NPSO chapters find this inspiring for future talks and projects.  
-Cedar North, High Desert Chapter/COCC student

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## 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](mailto:bulletinnpso@gmail.com). Please get consent from any people included in your photo prior to sending it.

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## Oregon Mystery Plant

### Last Month's Mystery Plant Revealed

Last month's mystery plant also was featured in the December 2023/January 2024 *Bulletin*. However, one was so impressive it warranted another appearance! Jason Clinch, Heidi Dobson, Ashley Gill, and Cain Aronson all correctly identified it *Hemitomes congestum*- commonly known as gnome plant. *Flora of Oregon* describes gnome plant as a non-photosynthetic, heterotrophic, herbaceous plant in the family Ericaceae that is waxy in appearance. It is the only species in the genus *Hemitomes* found in Oregon. Its habitat is listed as coastal and mid-elevation forests. It is documented in Oregon from the Cascades, East Cascades, Estuaries, and Siskiyou, and in California, Washington, and north to British Columbia.



Gnome plant. Photo by Mary Hayden.

Do you have an Oregon Mystery Plant to share? Send it to the editor  
at [bulletinnpso@gmail.com](mailto:bulletinnpso@gmail.com)

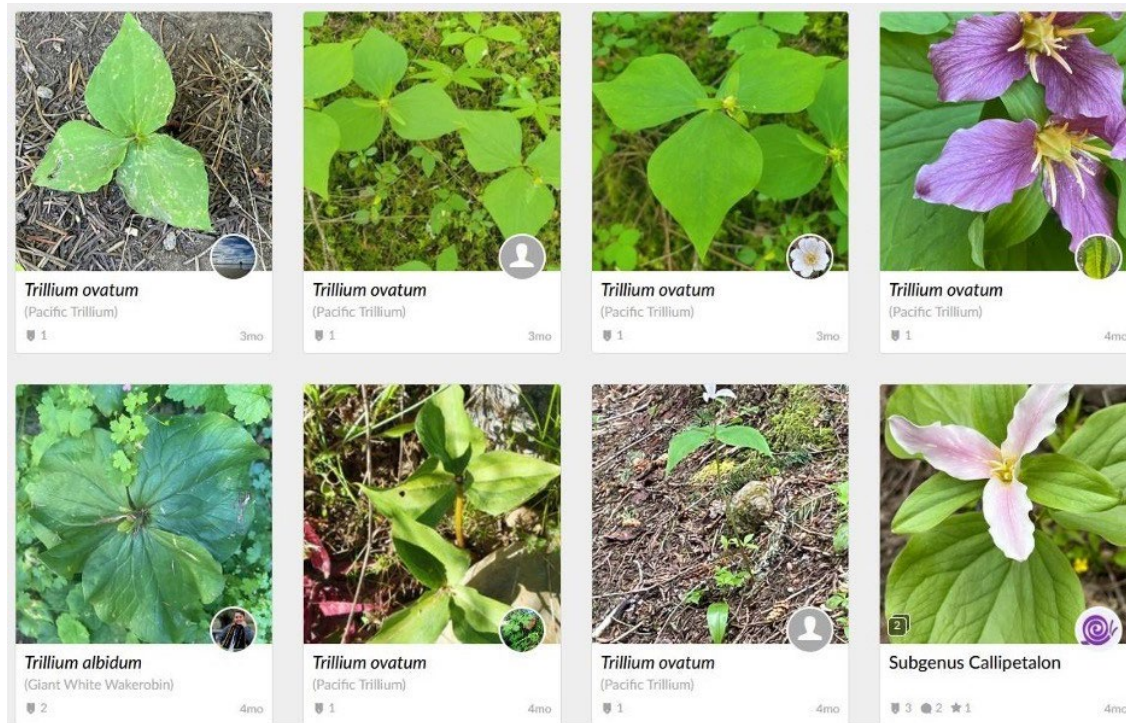
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## NPSO iNaturalist Fall ID-a-thon

Welcome to the ID-a-thon for Oregon native plants! During November 9-17, we are asking you to add identifications to as many “Needs ID” plant observations posted in [Observations Needs ID · iNaturalist](#) as possible, with a goal of reaching 20,000 identifications. The event will run from 12:00 AM Saturday, November 9 to 11:59 PM Sunday, November 17. You don't have to be an expert botanist to participate; in fact, we encourage everyone regardless of your level of botanical expertise to contribute.

One of our goals for this event is to increase the number of people who are identifying Oregon plants on iNaturalist. Therefore, we are going to incorporate some mentoring. If you are new to identifying, and would like to contribute or improve your skills, we will pair you with an experienced identifier, who will help you get started, answer questions, and give feedback. Please sign up at the online event link [Flora of Oregon: Vascular Plants's Journal · iNaturalist](#)





Thumbnail examples of some of the over 500 iNaturalist unconfirmed observations of *Trillium* sp., our NPSO logo, that need to be looked at for accurate identification.

Screenshot by Gail Baker October 14, 2024.

What is an ID-a-thon? A crowdsourced event focusing on improving the level of identification accuracy of unconfirmed (non research-grade) observations posted on the iNaturalist Project [Flora of Oregon: Vascular Plants · iNaturalist](#).

Why is it important? Over 300,000 plant species observations need your assistance!

The iNaturalist Project [Flora of Oregon: Vascular Plants · iNaturalist](#) was established in May 2023 and currently has 968,150 observations of 4844 plant species from across Oregon. An amazing 63% are research grade, verified by several different individuals as accurate; however, 37%, 353,856 observations, are in the Needs ID category, and that is where your participation comes in.

You will be contributing to conservation and biodiversity research data by increasing the accuracy of observations. You will learn more about the geographic distribution and flowering times of plant species that have captured your interest.

Further details of the ID-a-thon will be posted at [Flora of Oregon: Vascular Plants's Journal · iNaturalist](#), so watch this space during the event. You can also find a very helpful iNaturalist tutorial video: How to Use the Identify Page at [How to use the Identify Page : iNaturalist Help](#)



Another helpful video is: NPSO workshop 2022: Becoming an iNaturalist Identifier ~ No experience needed. Why identifiers are important

at [https://media.oregonstate.edu/media/t/1\\_r2ci5et0](https://media.oregonstate.edu/media/t/1_r2ci5et0). - *Gail Baker*

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## Stipends for Students to attend the 2025 NPSO Annual Meeting

The 2025 Annual Meeting, hosted by the Portland Chapter, will be held at Hood River, Oregon from May 16 to May 18.

The NPSO State Board will award three stipends to qualifying college undergraduate or graduate students to attend the 2025 Annual Meeting. A minimum of \$200 per student includes the cost of registration gifted by the Portland Chapter, as well as funds to defray some expenses for travel, lodging, and food. All students who are keenly interested in Oregon native plants and have some academic background in plant-related science are eligible for the award. For example, eligible disciplines include botany (in the broad sense), resource management, conservation biology, ecology, and pollination. Additional details about the award and instructions for applying will be forthcoming in the December *Bulletin*. The deadline for entries is in early Spring; the date is to be determined.

Please pass this invitation along to all colleagues who may know students who might be interested in attending the 2025 Annual Meeting by contacting the Portland Chapter at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com). -*Willow Elliott*

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## Photo Contest for Native Plant Appreciation Month



Photos by Luci Moody from left to right: Meadow checkermallow (*Sidalcea campestris*). 2024. Rock Creek Regional Trail, Washington County, Oregon. Golden paintbrush (*Castilleja levisecta*). 2024. Cooper Mountain Nature Park, Washington County, Oregon.

Seeking all native plant photographers, from amateurs to experts! If you have a camera roll filled with native plant photographs you just don't know what to do with, now is your time to shine. NPSO is hosting a photo contest, and winning photographers will have their photo and name featured on NPSO's Native Plant Appreciation Month poster in April 2025. Submissions must be received by December 31, 2024, to allow time for the poster committee to review.

Whether it's blooms, leaves, trees, or seeds, we want to see how you appreciate Oregon's native plants in your photography!

**Photo contest rules:**

Submissions can be sent to [photosnpaw@gmail.com](mailto:photosnpaw@gmail.com) and must be received by December 31, 2024. Any original photograph may be submitted, so feel free to go out and snap new photos or send an old favorite! Each person may enter up to two photos of Oregon native plants photographed in Oregon. Entries must contain the following: photographer name, scientific name of plants, common name of plants, photo location, and photo date. Entries should be high-resolution, unedited photographs of at least 300dpi.

Photos will be selected based on subject matter, composition, and technical excellence. All photographers who submit photos give consent for NPSO to reproduce the submitted

images free of charge for our poster, website, social media, and related publicity material. Any questions can be directed to Judi Sanders at [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

-Luci Moody

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## Request for Conservation Committee Members

Right now, during the process of amending the 1994 Northwest Forest Plan, which provides a management framework for all Pacific Northwest forest management plans, the NPSO has an opportunity to shape the conservation policy of 19 million acres of U.S. Forest Service lands for the foreseeable future. This opportunity is not going to last for more than a few short months during the amendment process. In that time, a large volume of written material must be assimilated, understood, and then used to articulate the vision of forest policy that the NPSO and like-minded organizations would like to see embodied in the U.S. Forest Service's future forest management plans. NPSO's Conservation Committee, up and running after several years of inactivity, needs more members to participate in this creative process.

At the same time, the U.S. Bureau of Land Management is implementing destructive logging in numerous forests throughout Oregon. Fortunately, Oregon has quite a few active non-profit conservation organizations that have fought for years to protect Oregon's forests, meadows, shorelines, and the life within. These organizations are blessed with small but highly motivated staff and severely limited budgets. NPSO's Conservation Committee can give those dedicated volunteers support and assistance - by offering to swell the ranks of those who contribute time and effort to keep the BLM from exceeding their mandate.

The Conservation Committee is looking for people who enjoy watching out for our native plants and the habitats they occupy and taking appropriate action on their behalf. If you enjoy taking care of the land, supporting the conservation activities of local and state-wide organizations, reading technical documents, and translating them into action plans to recommend to the NPSO State Board, then you belong on the Conservation Committee (an open-ended voluntary commitment which you can drive at your pace). Please send co-chairs Dick and Kaitlin an email stating your interest in the activity of the Conservation Committee. -Dick ODonnell ([dickodonnell@earthlink.net](mailto:dickodonnell@earthlink.net)) and Kaitlin Andersen ([kaitlin.m.andersen@gmail.com](mailto:kaitlin.m.andersen@gmail.com)), co-chairs of the NPSO Conservation Committee

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## Willamette Valley Hardy Plant Group: "Wildflower Adventures around Oregon and Southwest Washington"

Mark Akimoff, the owner of Illahe Rare Plants in Salem, Oregon, a specialty nursery grower of flower bulbs, geophytes, alpines, and rock garden plants from around the world, will present "Wildflower Adventures around Oregon and Southwest Washington" on Tuesday, November 12, 2024, at 7:00 PM in the Unitarian Universalist Church, 1685 W 13<sup>th</sup> Ave, Eugene OR.

Mark's talk covers many of the floristic wildflower wonders of Oregon and SW Washington, from the unique flora of SW Oregon's Kalmiopsis and Siskiyou Mountains, to the Wallowa Mountains, the Gorge, Steens Mountain, the Gifford Pinchot and Mount Adams wilderness areas, and many lesser-known spots in between. His talk discusses habitats, access, and tips on the cultivation of some of Oregon and Southwest Washington's unique botanical treasures.

For more information about the Willamette Valley Hardy Plant Group or this event, visit our website at [www.thehardyplantgroup.org/events](http://www.thehardyplantgroup.org/events) or email us at [info@thehardyplantgroup.org](mailto:info@thehardyplantgroup.org). *-Reprinted Courtesy of the Willamette Valley Hardy Plant Group*

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## 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](mailto:ch_president@NPSOregon.org).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill>.

**Saturday, November 23, 10:00 am - 12:00 pm**

**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](mailto: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](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, November 2, 2024, 9:00 am - late afternoon**

**Event: Mushroom Foray**

**Leader: Dan Luoma**

**Location: Meet at the north side of the Philomath Ace Hardware parking lot**

Come prepared for the weather and mushroom hunting. Contact Dan Luoma for more information at: [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu).

**Monday, November 11, 7:30 pm - 8:30 pm**

**Program: Seeds, Sex, and Survival: The Plant-Insect Interactions of Meadow Checkermallow (*Sidalcea campestris*)**

**Speaker: Brooklyn Richards**

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

The evolution of separate sexes is widespread in flowering plants. Gynodioecy, which is the coexistence of female and hermaphroditic individuals, is often considered a transitional stage in the evolutionary pathway from hermaphroditism to separate sexes, yet the precise genetic and ecological mechanisms remain unclear. Insects mediate a variety of ecological processes in plants that have consequences on plant survival, reproduction, and evolution. Meadow checkermallow (*Sidalcea campestris*) is a gynodioecious species endemic to Oregon's Willamette Valley that is a critical resource to native prairie pollinators and suffers high rates of pre-dispersal seed predation by a specialist weevil (*Macrorhoptus sidalceae*). In this presentation, Oregon State University PhD student Brooklyn Richards will be presenting her research on plant-insect interactions that potentially influence the mating system dynamics of *S. campestris*.

Sign up for the program via Zoom

here: [https://oregonstate.zoom.us/meeting/register/tJ0qc-mvrDsiHdZuVo8wsZM35\\_qClas2m0S](https://oregonstate.zoom.us/meeting/register/tJ0qc-mvrDsiHdZuVo8wsZM35_qClas2m0S).

**Saturday, November 23, 1:00 pm - 3:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

**Leader: Esther McEvoy**

**Location: Avery House Nature Center, Avery Park, Corvallis**

More fall cleanup. Dress for the weather and bring gloves, shovel, and clippers. Contact Esther for more information or to RSVP at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

## **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.

**Wednesday, November 13, 9:30 am - 2:00 pm**

**Volunteer Outreach: Assist with Native Plant Nursery Tasks**

**Leader: Michelle Osgood**

**Location: Dorena Genetic Resource Center, 34963 Shoreview Drive, Cottage Grove**

Dorena Genetic Resource Center is seeking volunteers to join us on the second Wednesday of each month to help with various nursery tasks, including transplanting, pruning, thinning, spacing, fertilizing, and weeding. Come and join us for a fun day of plant care!

Sign up here: <https://www.signupgenius.com/go/10C0B44A8AA2FA4F4C34-50446437-dorena>

**Monday, November 18, 2024, 7:00 pm - 8:00 pm**

**Title: What Does it Mean to be a Species in "the Paintbrushes?"**

**Presenter: Dr. Sarah Jacobs, a Specialist in our Western Flora, Assistant Curator of Botany and Howell Chair of Western North American Botany California Academy of Sciences**

**Location: Via Zoom. For information, please visit Events at: <http://emerald.npsoregon.org>.**

The genus *Castilleja*, also known as "the paintbrushes," is an iconic group of western wildflowers whose taxonomy has been historically challenging. My work aims to untangle species relationships to understand the evolution of this charismatic group of plants. My talk will cover what we do and don't know about the biology, physiology, and evolution of *Castilleja*, as well as how we are beginning to quantify exactly why these species are so hard to tell apart. Along the way, we will ponder: What does it mean to be a species and how do we identify them? How do our expectations of species compare with what we see in the world around us? How does all this fit into our worldview of conservation and management?

Dr. Sarah Jacobs grew up in rural Arkansas and attended the University of Arkansas

where she earned a bachelor's degree in biology. A chance encounter in a plant diversity class led to volunteering and later a summer job at the University of Arkansas Herbarium, which ultimately led to a master's degree at Washington State University, a brief stint with the U.S. Forest Service in Oregon, and a PhD at the University of Idaho. Sarah worked with Dr. Felipe Zapata at University of California Los Angeles after graduating and accepted her current position at the California Academy of Sciences in 2019. She started her job in the fall of 2020 and has been building her research program since then. Herbaria and collections-based research have been central to developing her interests, her studies, and now her profession.

**Monday, December 16, 2024**

**Event: Holiday Social**

**Location: [Amazon Community Center](#), 2700 Hilyard St., Eugene**

The Emerald Chapter celebrates our members and their wildflower discoveries as they share photos and stories of their wildflower destinations from the past year.

## **High Desert**

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

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto: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](mailto:npsopdxchapter@gmail.com). You'll also find our monthly programs and additional field trips posted on our Meetup page: [meetup.com/NPSO-Portland/](https://meetup.com/NPSO-Portland/). Our Facebook page is regularly updated with current wildflower bloom status and photos: [facebook.com/npsportland](https://facebook.com/npsportland). Visit our chapter website at [portlandnativeplants.org](http://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://inaturalist.org/projects/npsopdx-collective-annual-projects). Follow us on Instagram: [instagram.com/npsopdx/](https://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.

**Saturday and Sunday, November 9 and 10, all day**

**Event: Benefit for NPSO at Sauvie Island Natives**

**Location: Sauvie Island Natives, 14745 NW Gillihan Road, Portland, OR 97231**

If you need some native plants for your yard, here's an opportunity to get them and help our NPSO budget at the same time. Portland Chapter member Jane Hartline, the owner of Sauvie Island Natives Nursery, will contribute 10% on these days for any sale in which NPSO is mentioned at the time of checkout. Funds raised will go toward the 2025 Annual Meeting.

Visits to the nursery are by appointment only with online scheduling on the [Sauvie Island Natives website](#). Species availability is also on the website.

**Thursday, November 14, 7:00 pm**

**Program: The Beauty in Biodiversity: Conservation and Cultivation of Native Plants in the Columbia River Gorge**

**Presenters: Kristin Currin and Andrew Merritt, Co-founders of Humble Roots Nursery and Coauthors of the *Pacific Northwest Native Plant Primer***

**Location: Zoom, register [here](#)**

Kristin and Drew share stories and insights from over twenty years of working with native plants in the Columbia River Gorge. A few of the subjects they will cover in this fascinating program include encouraging gardeners to plant native plants to support biodiversity, helping revive the historic Wind River Nursery as a native plant nursery, creating a pollinator corridor, saving rare plants, and partnering with land trusts on many restoration projects. [Register for the Zoom program here](#).

## **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/UCXF12J9yp2AYmUzNz0jLISw>

To join a native plant google group forum: [Siskiyou-Chapter-NPSO-plant-talk@googlegroups.com](mailto:Siskiyou-Chapter-NPSO-plant-talk@googlegroups.com)

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

## **South Coast**

The South Coast Chapter covers Curry and Coos counties. Guests or members of other chapters are welcome at our events. To join our mailing list, please contact Andrea Burke at [andreasueburke@gmail.com](mailto:andreasueburke@gmail.com).

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



**Saturday, November 2, 8:45 am - 1:00 pm**

**Event: Removal of Invasive Weed Species- English Ivy**

**Leader/Contact: Gail Perrotti, [gperrotti@earthlink.net](mailto:gperrotti@earthlink.net) or 541-414-9777**

**Location: Hundred Acre Wood, 1000 S 1st Ave, Coquille, OR 97423**

Help the Wild Rivers Coast Mountain Bicycle Association and the South Coast Chapter of the NPSO remove invasive English ivy at the Coquille Hundred Acre Wood trail system to protect the beautiful trees that cover this trail system. This is our second volunteer trail work event at Hundred Acre Wood, and fully supported by the City of Coquille. More about the site:

[https://cityofcoquille.org/comm\\_services/100\\_acre\\_wood.php](https://cityofcoquille.org/comm_services/100_acre_wood.php).

Be sure to bring gloves, sturdy shoes, and comfortable clothing. This is a rain or shine event, though high winds will cancel! Please plan to arrive prior to 9:00 am so you are ready for basic education and instruction starting at 9:00 am. The Wild Rivers Coast Mountain Bicycle Association tool trailer will be on site, but we encourage folks to bring pruners, loppers, and hand saws as they will be the primary tools for ivy removal. Lunch will follow.

**November 9, 10:00 am - 12:00 pm**

**Event: Quarterly business meeting**

**Leader/Contact: Gail Perrotti, [gperrotti@earthlink.net](mailto:gperrotti@earthlink.net) or 541-414-9777**

**Location: Latter Day Saints Church, 2000 Jackson St, Port Orford, OR 97465**

This will be our regular business meeting and celebration of our member and former President, Charmane Mitchell. Members and guests are all welcome at this meeting which includes a festive potluck. An optional hike to Port Orford Heads State Park will follow.

## **Umpqua Valley**

Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

**Thursday, November 14, 6:30 pm - 7:30 pm**

**Zoom Program: Restoring threatened and endangered Oregon native plants**

Sara Alaica, restoration ecologist at the Institute for Applied Ecology, will give a Zoom presentation about her work at the Institute restoring rare plants in the Willamette Valley. She will share the steps in the restoration process, the challenge working with special status plants such as Kincaid's lupine and Willamette daisy, and the progress made so far. Sara has eight years of experience writing and implementing restoration plans across a variety of habitat types and has worked with several threatened and

endangered plant species including Kincaid's lupine, thin-leaved peavine, and the New England bulrush. Sara received her MSc in Ecological Restoration from Simon Fraser University and is a Certified Ecological Restoration Practitioner. Registration is required. For more information and to register for this Zoom presentation, email John Savage at [wvnps@gmail.com](mailto:wvnps@gmail.com).

## **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](mailto:susanmgeer@gmail.com). Our website is not currently functional.

## **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: Judi Sanders, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- Secretary: Kim Brown, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- Treasurer: Sean Cawley, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- Directors: Jason Clinch, Dave Garcia, Alexis Larsen, Dick O'Donnell, Marshall Doak, Megan Westby

## **Committees & Chairs**

- Budgets and Grants: [Dan Luoma](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Conservation: [Dick O'Donnell](#) and [Kaitlin Andersen](#)
- Friends Of The OregonFlora Project: [Linda Hardison](#)
- iNaturalist: [Gail Baker](#)
- Legislative: [Dave Garcia](#)
- Membership: [Willow Elliott](#)
- NPSO Fellows: [Lisa Blackburn](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- 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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