

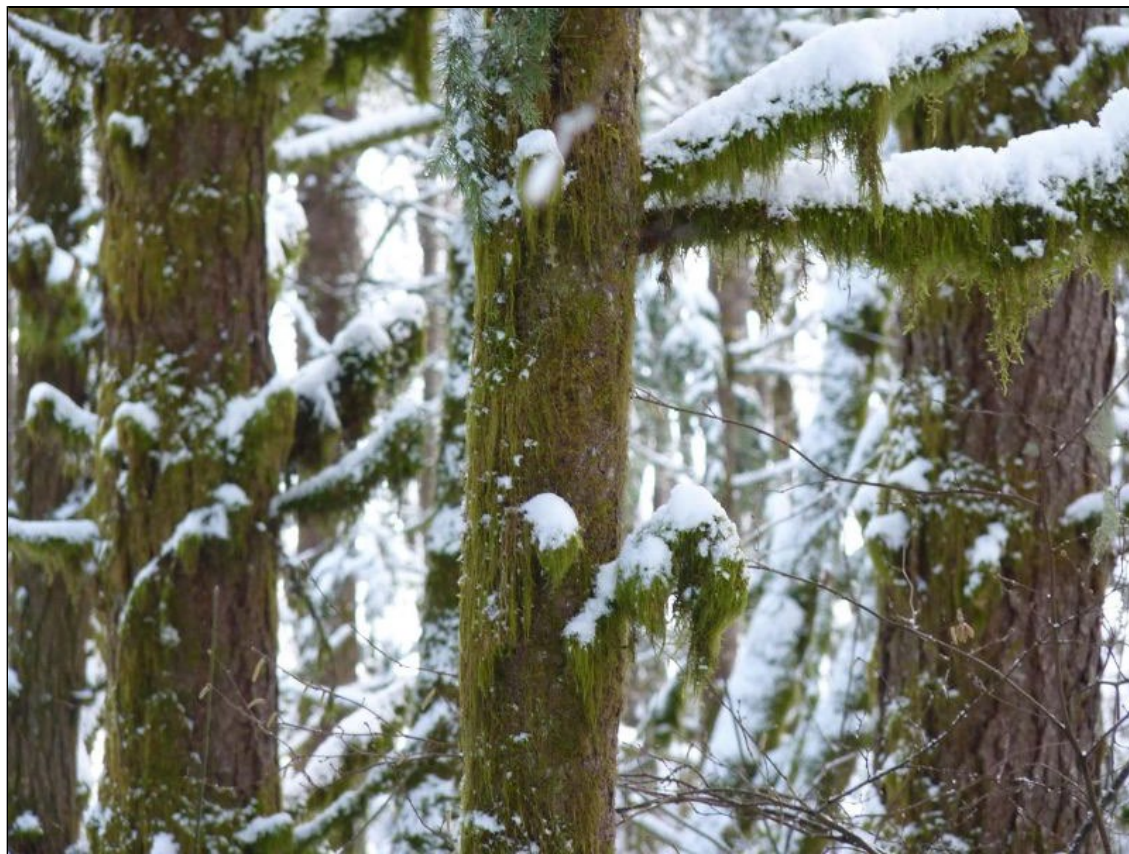


Native Plant Society of Oregon

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

Bulletin

February 2024 Volume 57, No.1



Douglas-fir (*Pseudotsuga menziesii*) with lichen in snow. Miller Woods, Yamhill Soil and
Water Conservation District property, near McMinnville, Oregon. February 10, 2019.

Photo by Marina Longden

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

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

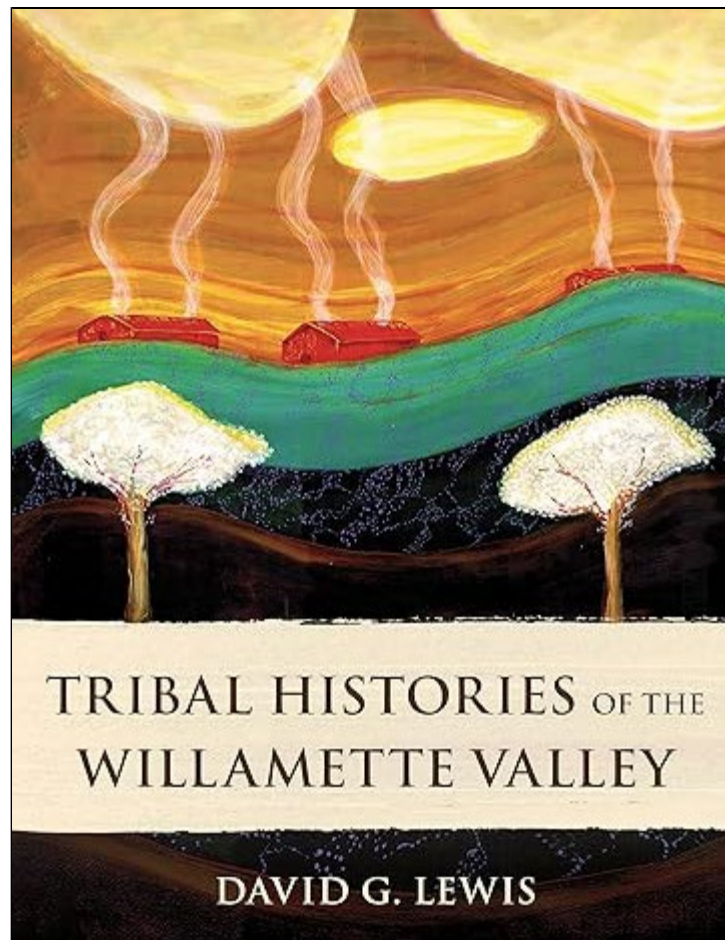
<https://www.npsoregon.org/discussionlist.php>

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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.

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## **Book Review: *Tribal Histories of the Willamette Valley* by David G. Lewis**



A new book, *Tribal Histories of the Willamette Valley*, published by Ooligan Press, has been authored by one of the members of the Confederated Tribes of the Grande Ronde: Dr. David G. Lewis. Dr. Lewis is a renowned Anthropologist and Oregon State University Assistant Professor. A description of the book may be found at the Ooligan Press link below.

<https://www.ooliganpress.com/product/tribal-histories-of-the-willamette-valley-by-david-g-lewis/>

Members wishing to receive the book directly from Dr. Lewis may email him at [dgl.coyotez@gmail.com](mailto:dgl.coyotez@gmail.com). The cost is \$30 including shipping. Additional reviews, including one by NPSO member and author of the book *Where We Call Home*, Josephine Woolington, may be found at:

<https://www.amazon.com/Tribal-Histories-Willamette-Valley-David/dp/1947845403>

- Willow Elliott

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**Mark Your Calendar: NPSO 2024**

## Annual Meeting May 17 to May 19

The NPSO 2024 Annual Meeting will be held at Spirit Mountain Lodge, Grande Ronde, Oregon, May 17, May 18, and May 19.

The Cheahmill Chapter and Corvallis Chapter are working on plans for the NPSO Annual Meeting. The venue is the Spirit Mountain Lodge in Grande Ronde, situated between the mid-Willamette Valley and the Oregon coast. This will enable us to offer field trips in the Willamette Valley, the Oregon coast, and in the Coast Range. The Friday night speaker will be Tom Kaye from the Institute of Applied Ecology. The Saturday night banquet speaker will be Dr. David Lewis, Assistant Professor of Anthropology and Indigenous Studies at Oregon State University. Details on the Annual Meeting will follow in the *March Bulletin*. This is the Annual Meeting we were planning for 2020, 2021, and 2022, but cancelled due to COVID. - *Esther McEvoy*

## OregonFlora

A hearty thanks to the many who contributed to our year-end fundraising campaign. We have raised just over \$33,000 from all our supporters statewide! This has been key in allowing OregonFlora to deal with our 2023 budget setbacks and return all staff to their previous levels of employment. We continue to seek sustainable funding from the agencies, organizations, and businesses that rely on our presentation of plant diversity data. Coupled with the powerful impact of individuals' support, we will be in a strong position to complete Volume 3 of the *Flora of Oregon* and continue to share information through our [website](#).



How has your support of OregonFlora helped the mission of NPSO? Our interactive rare plant guide (see article in the [March 2023 Bulletin](#)) is approaching its public launch. This tool presents information about the plants' biology and ecology along with the threats and strategies to manage those threats. Coupled with literature references, maps, and photos, the Rare Plant Guide will be an invaluable resource for the agencies and organizations—like NPSO—dedicated to rare plant conservation. Bookmark the webpage now to keep track of our progress: <https://oregonflora.org/pages/rare-plant-guide.php>.

A sample fact sheet is shown below; the interactive tool will have most of the information categories also available as filtering options, similar to our Grow Natives page.


Special acknowledgement goes to Dayne Galash—recent Oregon State University graduate, botanist extraordinaire, and NPSO lifetime member—for his work on this project.

Contributions to OregonFlora can be made online through our [PayPal account](#), or by sending a check to the address on our [Donate](#) page. Your support is greatly appreciated. - *Linda Hardison*

## *Castilleja rubida*





### Purple paintbrush

[Print page](#)



Dayne G. Galash

#### Photo images

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#### Summary

**Habitat & distribution** *Castilleja rubida* is an edaphic endemic growing on open, exposed rocky areas characterized by limestone-derived sedimentary soils at high elevations or bare rock crevices. There are also limited occurrences in alpine tundra plant communities on compatible soil substrates. This species is restricted to the Eagle Cap Wilderness area in the Wallowa Mountains of northeastern Oregon.

**Ecology, natural history & pollinator biology** A hemiparasitic plant, purple paintbrush is often found in association with other edaphic specialists or bare rock inhabitants, such as the also geographically limited and otherwise rare plant *Eriogonum scopulorum*, with which it is frequently observed. The rare alpine tundra occurrences grow amongst grass, sedges, and other forbs.

**Trends & conservation** Despite their limited spatial extent, populations appear relatively stable in their isolation. Even with such local abundance, the populations, of which only three are known, are so spatially limited that the species is highly susceptible to significant loss from stochastic events and climate change. Considering this, conservation efforts such as ex-situ preservation of genetic stock must be pursued. Also, introduced mountain goats pose a considerable threat, obligating enclosures to protect populations.


#### Context

*Castilleja rubida* RELATED ↗

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|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| <b>Family</b>         | Orobanchaceae                                                                                       |
| <b>Status</b>         | <b>Ranking</b> G1/S1<br><b>Federal</b> Species of concern<br><b>State</b> --<br><b>ORBIC</b> List 1 |
| <b>Ecoregion</b>      | Blue & Wallowa Mountains                                                                            |
| <b>OR Counties</b>    | Wallowa                                                                                             |
| <b>Habitat</b>        | rock/cliff/scree/talus/bare ground/alpine summits                                                   |
| <b>Elevation</b>      | 2240 — 3000 meters                                                                                  |
| <b>Flowering time</b> | July — August                                                                                       |

#### Distribution



Click/tap to launch

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#### Survey & Manage

|                           |                                              |
|---------------------------|----------------------------------------------|
| <b>Best survey status</b> | flowering                                    |
| <b>Best survey time</b>   | late June — late August                      |
| <b>Threats</b>            | climate change, grazers/browsers, recreation |
| <b>Management</b>         | habitat preservation/conservation            |

## Taxon description

**Plants** perennial, densely pubescent.

Stems clustered from a woody base, 5-10 cm tall, decumbent and unbranched.

**Leaves** pubescent, glutinous, linear-lanceolate and entire, the upper ones with a pair of short, narrow, lateral lobes; bracts with 1 or 2 pairs of linear lobes.

**Inflorescences** short and dense with violet to red-purple bracts and calyces.

**Flowers** calyx 10-12 mm long, lobes nearly equal, corolla 12-15 mm long, galea about one-third as long and minutely puberulent, lower lip slightly shorter than galea, red-purple with purplish lobes.

Rocky open ground on alpine summits. BW. WA. Native.

## Relevant literature

Oregon Biodiversity Information Center. 2023. Biotics Rare Species Database. Accessed 9 January 2023. Institute for Natural Resources — Portland. Portland State University, Portland, OR.

### Look-Alikes

| Taxon                      | Differs from featured plant by           |
|----------------------------|------------------------------------------|
| <i>Castilleja pilosa</i>   | its white-margined bracts and calyces    |
| <i>Castilleja fraterna</i> | longer corolla tube and bright red calyx |

### Associated species

*Achillea millefolium*  
*Agropyron spicatum*  
*Eriogonum scopularum*  
*Geum trifolium*  
*Luzula spicata*  
*Oxytropis viscida*  
*Potentilla fruticosa*  
*Sedum lanceolatum*  
*Silene acaulis*  
*Trisetum spicatum*

Core profile page

Example of a rare plant fact sheet that will be available on the [OregonFlora interactive Rare Plant Guide](#). Fact sheets summarize the information categories available for filtering the species presented in the Guide. We will launch the tool in two phases, presenting information on 192 critically imperiled taxa.

## We are Still on the Hunt for a Treasurer and Vice President for the State Board!

If it does not feel like the right fit for you, perhaps you know someone who might fit the bill? Email us to let us know! Every board position is supported by the other twenty-plus members: the president, vice-president, secretary, treasurer, the immediate past president, the presidents of the eleven chapters, and six directors-at-large. An additional five non-voting board members are appointed to manage specific activities such as membership and publications.

The vice-president's main responsibility is providing support to the president and having good organizational/facilitation skills. The treasurer maintains the financial records using QuickBooks Online and serves on the budget committee.

Elections to the board are held in April, and service begins with the Annual Meeting in late spring or early summer. The five officers serve a one-year term and may be

reelected without limits.

In recent years, the Board of Directors has followed a practice of meeting four times a year, usually on a virtual platform (Zoom). The board meeting held following the Annual Meeting is conducted in person, with a “hybrid” option.

Board members are expected to attend board meetings, to actively participate on the board and in decision-making, and to serve on one or more committee or working group such as Budget, Conservation, Field Research Grants, Friends of Oregon Flora Project, Legislative, Nominations, Fellows, Website, etc.

Please email Kim Brown at [secretary@npsoregon.org](mailto:secretary@npsoregon.org) if you are interested in either of these positions and want more information. - *Kim Brown*

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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.



*Amanita gemmata*, the gemmed amanita. Photographed by Rod Trotter during an Umpqua Valley Chapter outing on the east side of the Coast Range, August 13, 2023. Found growing in the roadbank on the Doerner Fir Road, Douglas County, Oregon. The amanita was about eighteen inches across the cap, eighteen inches tall, with a five and one-half inch stem diameter.





Garry oak (*Quercus garryana*) in snow. Miller Woods, Yamhill Soil and Water Conservation District property, near McMinnville, Oregon. February 10, 2019. Photo by Marina Longden, Cheahmill Chapter.



Golden-crowned kinglet (*Regulus satrapa*) on Douglas fir (*Pseudotsuga menziesii*). Miller Woods, Yamhill Soil and Water Conservation District property, near McMinnville, Oregon.

February 10, 2019. Photo by Marina Longden

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## Oregon Mystery Plant

### Last Month's Mystery Plant Revealed

The December/January Mystery plant remains a bit of a mystery. It has been preliminarily identified as *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.

Russell Soft identified the plant as gnome plant but given that it was outside of the species documented range, sent photos to Dr. James Mickley of the Oregon State University Herbarium. Dr. Mickley tentatively agreed with the identification although it was found on the Umatilla National Forest about 150 miles east from where it is known to occur. Dr. Mickley pointed out that this would be a big range extension, as the closest known populations are on the eastern slopes of the Cascades. He has requested further documentation including pressed specimens that would allow for better verification of this species.

NPSO members Gene Yates, Katelin Katella, Jason Clinch, and Alexandria Kurowski all identified it as gnome plant; Gene and Jason also point out that this would be a significant range extension. Thanks to all members who submitted an identification for the mystery plant. Stay tuned for future information on its identity!



Photo by Russell Soft

**New Mystery Plant**  
**Do you recognize this plant?**



This month's mystery plant was photographed by Jennifer Barker around 2018 at Morning Hill Forest Farm, near Seneca in the Aldrich Mountains, Oregon. It was photographed in an eroded, vernal, Class V watercourse in a ponderosa pine forest.

If you can identify this plant, email the *Bulletin* editor at [bulletinnpso@gmail.com](mailto:bulletinnpso@gmail.com).

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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# It's Official: April is Native Plant Appreciation Month!



Plan now for activities in your chapter to help promote NPSO’s mission to support “the enjoyment, conservation, and study of Oregon’s native plants and habitats.” What could your chapter do? Your chapter might lead hikes or walks to view native plants in your area. The chapter could also organize workshops such as how to propagate, grow, or care for specific native plants. Maybe your chapter would like to hold a native plant sale or

wildflower show. For those chapters that maintain native gardens, April is an excellent time for spring cleaning and maintenance of that garden. Be creative; what else could your chapter do? Be sure you submit your activities to the *Bulletin*.

Celebrating Native Plant Appreciation Month can also involve individual activities. For example, you might join a local restoration project. You could also visit a native garden, nursery, or wildflower show. As you are enjoying our better weather that comes with spring, you might add some natives to your garden! Whatever you do, you can share your photos of the activities with other members of NPSO by submitting them to the photo gallery in the *Bulletin*. (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.)

As you are out and about enjoying our native plants, you could join NPSO's Native Plant Appreciation Month Florablitz 2024 found at:

<https://www.inaturalist.org/projects/npso-s-native-plant-appreciation-month-florablitz-2024> on iNaturalist during April to document wild flowering plants evident in Oregon. You could join as an observer or an identifier and help us record what is happening in our beautiful state. Also, you do not have to "join" the project; you can just submit your observations to iNaturalist, and if they meet the taxa (Angiospermae), dates (April 2024), and location (Oregon) criteria, they will automatically be added to the project. Not yet a member of iNaturalist?

You can join here: <https://www.inaturalist.org/home> and you can find video tutorials on use of iNaturalist here: <https://www.inaturalist.org/pages/video+tutorials>. Additionally, a tutorial on iNaturalist created by local users (for the Mt. Pisgah Wildflower Show covering all the things you can do with iNaturalist, discussing how to make better observations, explaining how to use iNaturalist for trip planning and following the blooms, and describing how your posted observations contribute to species discovery, range extensions, and conservation) can be found here: <https://www.youtube.com/watch?v=yfXsVFFQRvU>. Also, a tutorial by NPSO members on being an identifier is here: [https://media.oregonstate.edu/media/t/1\\_r2ci5et0](https://media.oregonstate.edu/media/t/1_r2ci5et0). For questions, email Judi Sanders, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

Whatever you do, go outside and enjoy our native flora to celebrate Native Plant Appreciation Month! -Judi Sanders

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## NPSO Grant Proposals Requested by March 1

The NPSO will continue to sponsor small field research grants. The objectives of the program are: 1) to stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state; and 2) to promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due by March 1, 2024. The program policy and guidelines may be downloaded from <https://www.npsoregon.org/documents/grantguide.pdf>. Questions about the guidelines may be directed to [luomad@oregonstate.edu](mailto:luomad@oregonstate.edu).

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## Washington Native Plant Society Accepting Grant Applications by March 1

The Washington Native Plant Society (WNPS) Conservation Committee is accepting grant applications for projects that will restore, improve, or support on-the-ground, functioning native plant ecosystems in the State of Washington. Successful projects must provide public benefit and must align with WNPS Conservation principles. Applications will be evaluated for the quantity and quality of ecological benefit to be gained and the likelihood of project long-term success. Grant applications will be accepted until midnight March 1, 2024.

The WNPS Research and Education Committees are also accepting grant applications until midnight March 1, 2024. For application information and contacts for each of these grant programs, see

<https://www.wnps.org/conservation-grants>

<https://www.wnps.org/education-grants>

<https://www.wnps.org/research>

*-Clayton Antieau*

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# 2024 Washington Botanical Symposium Registration Now Open

University of Washington Botanic Gardens and the University of Washington Herbarium at the Burke Museum are pleased to announce the 2024 Washington Botanical Symposium (in-person with online option) on Wednesday, March 6, 2024, from 9:00 am to 4:00 pm PST, Seattle, WA. Sponsored by Washington Native Plant Society.

Networks of professional, academic, and amateur botanists are actively engaged in the conservation, management, and study of Washington's diverse flora. Their expertise ranges from how best to manage biodiversity, to understanding climate change impacts on plant communities, to naming and classifying the flora's rare, common, and invasive elements. Invited speakers and poster presentations will offer new insights and discoveries. Participants from throughout Washington and adjacent areas will have the opportunity to exchange ideas with colleagues within and across disciplines. Scholarships are available for students, service corps members, or anyone with self-identified need. A discount is also available for those who opt to attend the event online.

Attendees are invited to present research posters and make announcements about related news and opportunities on the symposium website. Contributions may include video, text, and/or images. The first ten students to have research posters accepted will be able to attend the event at no cost.

Program information available

at: <http://bit.ly/wabotanicalsymposium> <<https://protect2.fireeye.com/v1/url?k=31323334-50bba2bf-31321b84-4544474f5631-aab614cf3be9c010&q=1&e=13c3bb88-52ea-4cb2-bea8-c267a73023cc&u=http%3A%2F%2Fbit.ly%2Fwabotanicalsymposium>>  
or <https://botanicgardens.uw.edu/education/adults/conferences-symposia/wa-botanical-symposium/> - *Clayton Antieau*

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## 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 (enclosed) 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:

[wvnps@gmail.com](mailto:wvnps@gmail.com).

For any questions about the scholarship, contact John Savage at 503-779-5414 or at [wvnps@gmail.com](mailto:wvnps@gmail.com).

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## Western Watersheds Project Seeks Input on Grazing Allotments

*Editor's Note: The following message is from Adam Bronstein of Western Watersheds Project. For reference see the NPSO Grazing Policy at <https://www.npsoregon.org/documents/grazing.pdf>.*

Dear Native Plant Society of Oregon,

My name is Adam Bronstein, and I am the Oregon Director with Western Watersheds Project. Our mission is to protect and restore the public lands of the West with a particular focus on the negative effects of livestock grazing. I am writing to you, and all of your members/chapters across the state, to let you know that I am interested to hear about any rare/sensitive/threatened/endemic plant communities on our federal public lands that are under threat from grazing. Too often, plant communities get "thrown under the bus" because they are either uninventoried, undocumented, or because nobody really seems to care. Don't feel like you have to limit reports to plant damage; I am interested to hear about whatever else you find out there that is of concern. I can be reached at [adam@westernwatersheds.org](mailto:adam@westernwatersheds.org). Sincerely, -Adam Bronstein, Oregon/Nevada Director, Western Watersheds Project

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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, February 24, 10:00 am to 12:00 pm**

**Work Party: Native Plant Garden at McMinnville Public Library**

**Location: McMinnville Public Library**

Winter chores include making design decisions as well as pruning, cleaning up, and

weeding. Sometimes we have new species to plant! The garden includes nine ecological areas with sun and shade. Dress for the weather. Bring gloves, bucket, and gardening tools if you have them. 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.

**Friday, March 1, 9:00 am to 6:00 pm and**

**Saturday March 2: 9:00 am to 2:00 pm**

**Event: Yamhill Soil and Water Conservation District 2024 Native Plant Sale**

**Location: Yamhill Valley Heritage Center, McMinnville**

Online orders can be placed for the native plant sale from the Yamhill Soil and Water Conservation District at <https://yamhillswcd.org/nps/>. You can also sign up for volunteering for the event with this link.

## **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, February 10, 9:00 am to 4:00 pm**

**Event: "Insights into Gardening," Master Gardeners Annual Event**

**Location: LaSells Stewart Center, Oregon State University campus**

The Corvallis Chapter will have a table with information on native plants and NPSO. For more information contact Esther at [estherco@peak.org](mailto:estherco@peak.org) or 541-990-0948.

**Monday, February 12, 7:30 pm to 8:30 pm**

**Program: Wildflowers of Iron Mountain and Cone Peak**

**Presenter: Dan Luoma**

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

The presentation will preview highlights of the spectacular Iron Mountain-Cone Peak loop trail. Over 200 species of vascular plants have been recorded along this botanically rich trail west of Santiam Pass. Both forest and meadow wildflowers are encountered, often in showy, multi-species displays. Dan has led a hike on this trail for our Chapter annually for over thirty-five years.

To attend via Zoom, register in advance here:

<https://oregonstate.zoom.us/meeting/register/tJElfumsqDwsE9YFrEWmJ2c-bMeZPjIO6vae>

After registering, you will receive a confirmation email containing information about

joining the meeting.

**Saturday, February 24, 1:00 pm to 3:00 pm**

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

**Leader: Esther McEvoy**

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

Come prepared to do winter cleanup in the gardens. Dress for winter 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).

**Monday, March 11, 7:30 pm to 9:00 pm**

**Program: "Gardening for the Bees (and the Birds)," and an introduction to the Xerces Society**

**Presenter: David Kollen, Xerces Society for Invertebrate Conservation.**

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

This program will include:

- an introduction to pollinators and their importance in natural systems and our food system;
- native bee diversity and natural history;
- some butterfly and moth natural history;
- threats facing pollinators;
- how we can play a role in pollinator conservation, both in general and in our own landscapes and communities; and
- opportunities to get involved in community science activities for those interested in going above and beyond.

Dave is a Xerces Society Ambassador and in that role is involved in educational and outreach work. Additionally, he is an Oregon Master Naturalist and Master Melittologist Apprentice. His involvement in community science includes the *Pacific Northwest Bumble Bee Atlas*, the *California Bumble Bee Atlas*, and the *Oregon Bee Atlas*. Dave also writes pollinator-focused articles for the Oregon State Federation of Garden Clubs newsletter, *Mahonia*. A Zoom link for this program will be provided in the March *Bulletin*.

**Saturday, March 30, 1:00 pm to 3:00 pm**

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

**Leader: Esther McEvoy**

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

Come help with spring cleanup in the gardens. 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.

**Monday, February 19, 7:00 pm to 9:00 pm**

**Presentation: Updates on holoparasitic Orobanchaceae in Oregon**

**Speakers: Dr. Alison Colwell, Curator, Center for Plant Diversity, University of California, Davis and Dr. Adam Schneider, University of Wisconsin, LaCrosse**

**Location: via Zoom: Click [here](#) to enter**

Alison Colwell and Adam Schneider have been studying the non-photosynthetic members of the parasitic plant family Orobanchaceae (primarily Aphyllon, Conopholis and Phelipanche) in North America for many years. Hard to find, largely subterranean and often rare, these plants take extreme patience to study. Among the changes Alison and Adam have made that affect the Oregon flora are a reversion of North American native Orobanche to the genus Aphyllon (Adam) and description of new species and revision of existing species (Alison and Adam). This team will provide updates on these projects that affect the Oregon flora.

**Monday, March 18, 7:00 pm to 9:00 pm**

**Presentation: Culturing Native Plants in the Pacific Northwest**

**Speaker: Michelle Osgood, Assistant Horticulturist at the U.S. Forest Service Dorena Genetic Resource Center**

**Location: Amazon Community Center, Main Building, 2700 Hilyard St, Eugene, Oregon**

Featuring funky ferns and quirky *Quercus*, U.S. Forest Service horticulturist Michelle Osgood shares techniques about propagating ferns from spores, collecting wild seed, growing resilient native plants, and out planting them into the wild or even your own backyard.

## **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/npsso.portland](https://facebook.com/npsso.portland). Visit our chapter website at [portlandnativeplants.org](https://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.

**Thursday, February 8, 7:00 pm to 9:00 pm**

**Program: Extraordinary Plant Communities of the Klamath Mountains**

**Presenter: Michael Kauffmann, Educator, Author, and Ecologist**

**Location: Zoom**

The Klamath Mountains contain some of the most exceptional temperate plant communities in the world. Within their geographic boundaries, over 3,500 taxa (species, subspecies, and varieties) of vascular plants, thirty-five conifer species, and twenty species of oak occur. Michael Kauffmann will highlight the plant communities across the region as explored in his new book *The Klamath Mountains: A Natural History* - which will also be available for purchase. In addition to discussing ten different communities, he will share photos of the rare and unusual plants that call these places home.

Register for the program [here](#).

**Thursday, March 14, 7:00 pm to 9:00 pm**

**Program: Forests During the Time of the Mastodons: Ziegler Reservoir Fossil Site**

**Presenter: Dean Miller, Data Analytics Trainer and Quaternary Paleobotanist**

**Location: Zoom**

In 2010, during the construction of a reservoir near Snowmass Village, Colorado, bones of mammoth and other extinct species and a rich assemblage of vertebrate, plant, and other fossils were unearthed. Miller takes us on an insider's journey into the intriguing and revealing world of paleontological and paleobotanical specimens found at the site, especially fossil conifers and their cones. His research on conifer macrofossils provides insights into the successional forest stages throughout the Pleistocene in Colorado. The Snowmass discovery offers insights into poorly understood climatic and ecological changes during the late Pleistocene at high elevations.

Register for the 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/UCXFI2J9yp2AYmUzNz0jLLSw>

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>

**Thursday, February 15, 7:00 pm**

**Program: Wildflowers of the Siskiyou Mountains**

**Speaker: Matt Dybala**

**Location: Southern Oregon University, Science Building, Room 161, Ashland**

In anticipation of the upcoming spring-summer bloom, Matt will review the morphological characters and the taxonomy of our native flowers.

This program will also be provided via Zoom for folks who cannot attend in person. To register for the Zoom: <https://bit.ly/npsotalks>.

## **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](mailto:cmainie@gmail.com).

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

**Saturday, February 10, 10:00 am to 12:00 pm**

**Event: In Person Chapter Meeting and Presentation: "Plant Identification Part Two: Major Groups and Plant Families of the South Coast"**

**Presenter: Olivia Dethlefsen**

**Location: Church of Jesus Christ of Latter-Day Saints, 2000 Jackson Street, Port Orford, OR**

Olivia Dethlefsen will be presenting part two of her plant identification class. This presentation will begin with the broad outlines of plant evolution, before focusing on some important plant families of our region. She will be covering a lot of material relevant to identification, as well as some information that is simply interesting and adds to our appreciation of native plants.

## Umpqua Valley

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

## Willamette Valley

**Saturday, February 24, 10:00 am to 12:00 pm**

**Field Trip: Bush Park Lichen Walk**

**Trip Leader: Sunia Yang**

The Pacific Northwest is one of the lichen hotspots of the world - more than ten percent of the world's described lichen taxa can be found in our region. Join Sunia Yang to view and identify the lichens in Salem's Bush Park. Dress appropriately for the weather and bring a hand lens.

A longtime nature guide, Sunia and Oregon State University professor Bruce McCune developed the first online interactive key to macrolichens in the Pacific Northwest. One of her life goals is to help others see and appreciate lichens. Registration is required. For more information and to register, contact John Savage at [wvnps@gmail.com](mailto:wvnps@gmail.com).

**Monday, February 26, 6:30 to 7:30 pm**

**Zoom Program: When is an Endangered Species Really Recovered? Four Stories of Hope and Uncertainty from the Willamette Valley.**

Dr. Tom Kaye, Executive Director of the Institute for Applied Ecology, will discuss the remarkable recovery of four endangered species and the perils they still face. His nonprofit organization has worked to restore populations of Bradshaw's lomatium, Fender's blue butterfly, golden paintbrush, and Nelson's checkermallow in partnership with several other organizations and agencies for over two decades, with substantial conservation impact. Tom will explain their successful approach and why these species need continued care and attention. 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.

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Native Plant Interest Groups:

Filipendula

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

NPSO State Officers

- President: Steven Yeager, president@npsoregon.org
- Immediate Past President: Dan Luoma, past_president@npsoregon.org
- Vice President: Lisa Blackburn, vice-president@npsoregon.org
- Secretary: Kim Brown, secretary@npsoregon.org
- Treasurer: Michael Hartman, 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



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