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Bulletin of the Native Plant Society of Oregon

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

December 2020 - January 2021

Volume 53, No. 10



After a rather dry fall, several fungi have now emerged on the forest floor. Can you identify this species? Keep reading for a friendly reminder that fungi are NOT plants! Photo by Lisa Schomaker.

We hope you enjoy the combined December/January eBulletin! Stay safe and have a happy New Year.

IT'S RENEWAL TIME!

The NPSO membership year is January to December. Now is the time for members to renew for 2020. [To renew your membership, please visit our current website.](#) You can [renew online](#), or you can print out a [renewal form](#) and send it in with your payment.

Member Categories and Information:

Regular - \$25

Student - \$12

Family - \$35

Sustaining - \$60

Patron - \$125

Life Membership - \$500

Member benefits include the NPSO Bulletin (10 issues/year) & *Kalmiopsis* (usually once per year). Membership is for the calendar year. New memberships enrolled on or after July 1 include the following year.

It's also a great time to consider a tax-deductible contribution to our special funds. If possible, make a [donation online](#) (mail-in donations are also gratefully accepted - PO Box 902 Eugene, OR 97440). NPSO greatly appreciates your contributions to any of the following funds:

- The Leighton Ho Memorial Award is used for research projects in western Oregon
- The Rare and Endangered Plant Fund supports work with our most threatened plants
- The Augusta Rockafellar and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university
- You can also include a contribution to [OregonFlora](#)

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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.

If you have any questions, please contact us at bulletin@npsoregon.org.

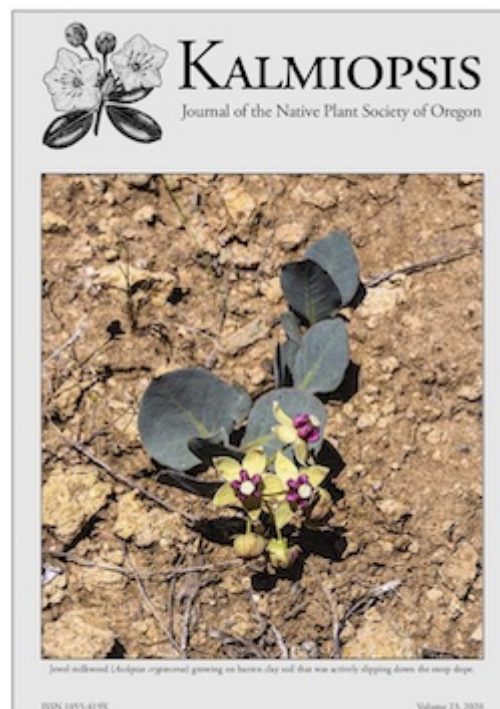
Fungi are not Plants!

No, fungi are not plants. In fact, fungi are more closely related to humans than they are to plants. Nevertheless, fungi and plants engage in numerous important ecological interactions, ranging from parasitism, where the fungus attacks a living plant, to mutually beneficial symbioses (most mycorrhizae), to cases where a plant is fed by a fungus (i.e., achlorophyllous plants that "eat" truffles for lunch). Pictured at the top of the bulletin, we have a presumably saprobic species, consuming leaf litter and ultimately returning nutrients to the soil - another important ecological function. Perhaps future research will reveal that an unusual symbiosis is involved in the production of the elegant reproductive structures of this species.

— Dan Luoma

Kalmiopsis Vol. 23 now available!

The NPSO Publications Committee is pleased to present the new issue of our journal, *Kalmiopsis*. The journal is now published as pdf files, which will remain indefinitely on the NPSO website, so you can download the files onto your own devices for easy off-line reference or print a copy of individual articles. If you want a print copy of the entire journal, it is available as print-on-demand from Lulu.com. NPSO members can get it at cost by emailing the [publications chair](#) and requesting access to the publication at LULU. If chapter members pool their orders, they can save on shipping costs. Non-members may purchase it through [LULU.com bookstore](#). In



contrast to last year's focus on history, the articles in this issue of *Kalmiopsis* emphasize

current discoveries and conservation issues.

For the editorial and table of contents [click here!](#)

— *Cindy Roché and Kareen Sturgeon*

Oregon Mystery Plant

Last month's mystery plant revealed: The desert pincushion (*Chaenactis stevioides*) is a nondescript annual that - according to the OregonFlora - is found in “shrublands, grasslands, dry slopes and flats, and talus.” Nevertheless, after scrambling up a steep draw in the Pueblo Foothills RNA/ACEC south of Fields, my students and I were delighted to discover a healthy population of this tiny plant flowering on a rocky slope. It’s distribution in Oregon is limited to the southeastern corner of the state (one disjunct population east of Steens Mountain), but it is widely distributed in arid and semi-arid regions of California and in the Great Basin. Once listed by the Oregon Natural Areas Program as a taxon of conservation concern, it was subsequently delisted.



- *Kareen Sturgeon*

New mystery plant! This charismatic cushion plant was photographed in July, 2020 in the Cascade Range, between Middle and South Sister. The stamens are bright blue, leaves are fleshy, glandular, and hairy, and the plant grows only on exposed volcanic talus at high elevation (3000-3500 meters).

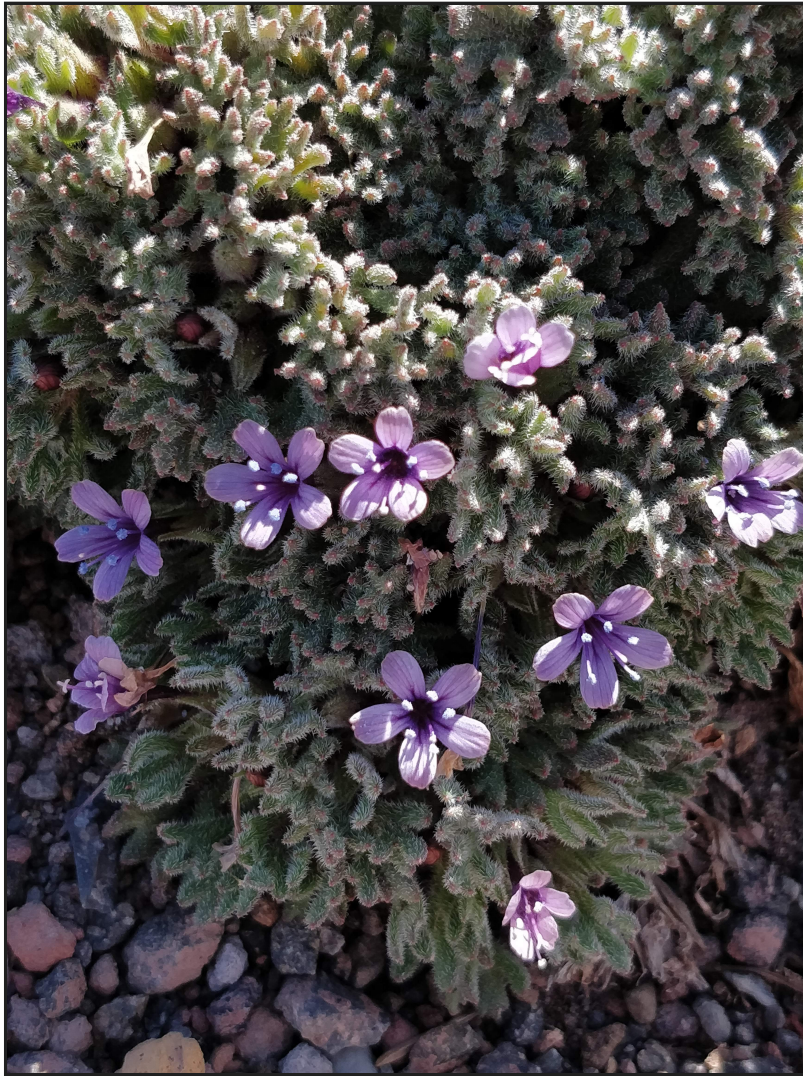


Photo by Lisa Schomaker.

Do you have an Oregon Mystery Plant to share?
Send it in to the editor: bulletin@npsoregon.org

- Lisa Schomaker

Plant of the Month:
Triphysaria eriantha* ssp. *eriantha



Johnny tuck AKA butter-and-eggs (*Triphysaria eriantha* ssp. *eriantha*)
Orobanchaceae

This annual herb is widespread in California but, in Oregon, it is restricted to the extreme southwestern corner of the state. For example, it is common in Jackson County, especially on the west side of Interstate 5 near the Central Point north exit, which is where these images were taken. It grows in shallow soils in very open habitat and is an early bloomer (images taken 11 April 2010). This native is characterized by a hairy purple stem and a spike of flowers, each with a thin, purple upper lip and a wide lower lip divided into three white and yellow pouches. It is a facultative root parasite, gaining nutrients through haustoria attached to the roots of other plants.

- *Frank Callahan, Siskiyou Chapter*



Take Your Best Shot: 2021 Poster Contest

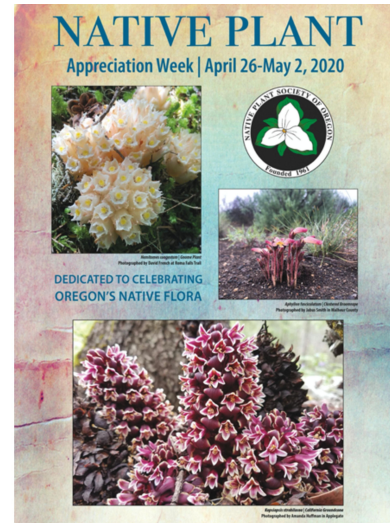
Take Your Best Shot: 2021 Native Plant Appreciation Week Poster Contest

Summer's over, but remember all those great photos you took of native plants in Oregon this spring and summer - or maybe even last winter or fall? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Week Poster Contest.

Entries must be emailed

to npawphotos@npsoregon.org. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). **All entries must be received by**

January 15, 2021. Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole discretion of not using an image should it not work into the overall layout or is deemed to not be of satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material. If you have any questions, please email them to npawphotos@npsoregon.org.



- Judi Saunders

OregonFlora



2020: it has been a year of astonishing challenges, and one of notable accomplishments. OregonFlora achieved two milestones with the publication of Volume 2 of the *Flora of Oregon*, and the launching of its redesigned website, oregonflora.org.

[Volume 2 of Flora of Oregon](#) addresses the dicot families A–F, with a count of 1,668 plant descriptions: 30% more than in Volume 1. There are also front chapters about insect-plant interactions, landscaping with native species, and the connections between floras and herbaria. For those

interested in native plant gardening, pollinators, or butterflies, Volume 2's lavishly illustrated chapters and supporting appendices are unique and indispensable resources.

The oregonflora.org website provides new tools for the plant-lover: fact sheets about every plant, a section on gardening with native species, and an interactive plant identification tool. The website is a digital version of the complete *Flora* and offers a way for people with all levels of plant knowledge to learn even more.

NPSO has been a partner with OregonFlora since our beginning in 1994. We help each other achieve our organizations' missions, and have developed friendships and collaborations along the way. We are proud of this relationship (see the shoutout to NPSO in the video below!) and will continue work to advance our common interests.

We know that for most of us, it's been a tough year. Our activities have been curtailed, funding opportunities have shrunk, and we've missed connecting with folks at wildflower shows, native plant nurseries, and public presentations. Despite these challenges, OregonFlora continues to keep its resources freely accessible and up to date. We are able to do this through your financial support. As we change our habits and social activities in response to the pandemic, the OregonFlora books and website let you keep learning about and experiencing—even virtually—the plant diversity of our state. Your financial support is needed at this time, so we can continue to feed our souls and our minds.

Please give generously to OregonFlora through our online [link](#), or by mailing a check directly to our fiscal sponsor at: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333 (payable to Agricultural Research Foundation, with "OFP" on the memo line). Your support is deeply appreciated!

OregonFlora was recently featured in an OSU College of Agricultural Sciences [video](#) and [press release](#). Feel free to share through your social media!

- Linda Hardison

State & Chapter Notes

State Notes/Announcements:

Membership Renewal Note: This year, membership renewal notices will go out early in December. If you would like to join the Membership Committee and be part of the team, please contact membership@npsso.org - Margaret Conover, NPSO Membership Chair

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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, Lisa Blackburn at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

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

### **Corvallis**

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOoregon.org](mailto:co_president@NPSOoregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://www.facebook.com/CorvallisNPSO).

*\*The Corvallis Chapter will not have a Holiday Gathering due to Covid-19. We hope everyone stays safe and well.*

**Sunday, December 20th, 10:00 am - noon**

**Event: Native Plant Garden Work Party at Avery House, Avery Park**

Fall clean-up. Come prepared for the weather and bring clippers, gloves, and a mask.

Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Monday, January 11th, 7:30 pm**

**Zoom Meeting: Native Plants and Native Cultivars-Do pollinators have a preference?**

**Presenter: Jen Hayes**

\*Pre-registration is required. If you would like to join the meeting please send an email to [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu) and indicate what your Zoom name is. We will be using the "waiting room" feature for enhanced security. You will receive an invitation to the meeting about one hour ahead of time. Unfortunately, requests for invitations after that point may be missed.

**Sunday, January 24th, 10:00 am - noon**

**Event: Native Plant Garden Work Party at Avery House, Avery Park.**

Winter pruning and clean up. Come prepared for the weather and bring pruning shears, gloves and a mask. Contact Esther for more information at 541-990-0948

or [estherco@peak.org](mailto:estherco@peak.org).

**Monday, February 8th, 7:30 pm**

**Zoom Meeting: Converting cow pastures to camas prairies: Dramatic changes coming to Mulkey Ridge and Bald Hill Farm in 2021**

**Presenter: Matt Blakely-Smith from the Greenbelt Landtrust**

Pre-registration is required. If you would like to join the meeting please send an email to [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu) and indicate what your Zoom name is. We will be using the "waiting room" feature for enhanced security. You will receive an invitation to the meeting about one hour ahead of time. Unfortunately, requests for invitations after that point may be missed.

**Sunday, February 21st, 10:00 am - noon**

**Event: Native Plant Garden Work Party at Avery House, Avery Park**

Winter work in the garden. Come prepared for the weather and bring pruning shears, gloves and a mask. Contact Esther for more information 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.

**Sunday, December 13th, 2:00 pm - 4:00 pm**

**Field Trip: Plant Lover Ramble, Eugene - area location announced with registration**

Join Emerald Chapter members on our monthly casual plant meet-up. Meet fellow plant lovers and nerd out about native plants! Our Plant Lover Rambles will be held in local wild spaces, rain or shine, year-round. All levels of botany and native plant expertise welcome. This is not a traditional plant walk led by an expert but a group adventure. Come ready to ask questions and share your knowledge of whatever plants we find. Due to public health concerns, we ask that attendees pre-register by emailing your name and contact number to [em\\_president@npsoregon.org](mailto:em_president@npsoregon.org). We ask that everyone wear a mask, social distance along the trail, and attend only if they are free of symptoms. **Note: This event is subject to cancellation by the governor's order.**

**Monday, December 14th, 6:30 pm - 7:00 pm for socializing; 7:00 pm - 9:00 pm for slide sharing**

**Online Program: Annual Holiday Social: Botanical Destinations and Stories**

All are welcome. Settle down into a comfortable chair with a warm beverage and enjoy the stories and connect with friends. We will socialize in the Zoom Gallery, share our plant photos, present the winner of the newsletter naming contest, and offer a few fun botanical contests as well. If you would like to share and recount your botanical adventures over the year, you are invited to submit 3-5 photos (instructions to be provided). Specifics will be emailed to the membership and posted on the Emerald Chapter website at <https://emerald.npsoregon.org/>.

**Sunday, January 3rd, 3:00 pm - 4:30 pm**

**Online Workshop: Fruit Identification**

**Presenters: Gail Baker & Steven Yeager**

Welcome the new year by exploring the variety and beauty of fruits, key to plant reproduction. We'll define a true fruit, botanically speaking, examine fruit diversity and the plant groups that are defined by their fruits, and learn how fruit colors, textures, sizes, ripening times and chemistry influence how their cargo, the seeds, are dispersed. Specifics will be emailed to the membership and posted on the Emerald Chapter website at <https://emerald.npsoregon.org/>.

**Sunday, January 10th, 2:00 pm - 4:00 pm**

**Field Trip: Plant Lover Ramble, Eugene - area location announced with registration.**

See description of Dec. 13 event.

**Monday, January 18th, 7:00 pm - 9:00 pm**

**Online Program: *Darlingtonia* Botanical Wayside: a Unique Plant Community on the Oregon Coast**

**Presenter: Mary Santelmann.**

*Darlingtonia californica* is a carnivorous plant native to northern California and Oregon, and the only member of the [Sarraceniaceae](#) found west of the Rocky Mountains. The species was discovered in a marsh adjacent to an upper Sacramento River tributary and recognized by John Torrey as a new species of pitcher plant. He named it for his dear friend, botanist William Darlington. *Darlingtonia* Wayside, a small state park located on the Pacific coast, is the only state park in Oregon dedicated to the protection of a single plant. The fen at *Darlingtonia* Wayside is of particular interest due to the size and vigor of the population. However, the fen is of interest to botanists not only because of the occurrence of *D. californica*, but because this wetland is also home to many species that occur in few other places in Oregon. The unique plant community found at the site includes many species belonging to taxa that most commonly occur in boreal peatlands; species such as *Ledum glandulosum*, *Eriophorum chamissonis*, *Drosera rotundifolia*, several species of *Carex* and *Sphagnum*.

This presentation will cover the history of the site and its ecological setting, as well as ongoing research designed to help the Oregon State Parks monitor site conditions and manage the vigorous population of *Darlingtonia* currently found at the site. Dr. Santelmann will also discuss potential threats to the *Darlingtonia* population and the fen itself, and present results from monitoring conducted at the site over the past three years.

Dr. Mary V. Santelmann is Director of the Water Resources Graduate Program and Professor in the College of Earth, Ocean and Atmospheric Sciences at Oregon State University.

**Sunday, January 24th, 2:00 pm - 4:00 pm**

**Field Trip: Exploring Winter Branches: Twig Identification**

**Presenters: Gail Baker & Steven Yeager**

Ever wonder what plants you're looking at in winter? We'll examine and learn to identify trees and shrubs in their winter stages, without leaves or flowers, and notice which ones are already breaking bud and even in flower. If possible, bring a hand lens.

Accompanying handouts and specifics will be emailed to registrants. Registration is open between Jan. 3 and Jan. 22, 2021. Due to public health concerns, we ask that attendees pre-register by emailing your name and contact number

to [em\\_president@npsoregon.org](mailto:em_president@npsoregon.org). We ask that everyone wear a mask, social distance along the trail, and attend only if they are free of symptoms. **Note: This event is subject to cancellation by the governor's order.**

### **High Desert**

For information and to sign up for hikes, visit the High Desert Chapter website:

[www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

## Klamath Basin

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

## Mid-Columbia (currently inactive)

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## Portland

Our members receive *The Calochortus*, our monthly newsletter with field trips, programs, news, and events for the Portland area. If you are not receiving it, check your spam folder and notify [po\\_president@npsoregon.org](mailto:po_president@npsoregon.org) of any email address change. You'll also find additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/nps.portland/>. Visit our chapter website at <https://portlandnativeplants.org/> to find links to recordings of past virtual programs.

**Our monthly programs are “Virtual” as of September 2020.** Chapter members will find a link to register for our second Thursday Zoom presentations in each issue of *The Calochortus* newsletter and below.

**Thursday, December 10th, 7:00 pm - 9:00 pm**

**Program: Zoom Photo Sharing by NPSO members**

**Presenters: Any Member, ANY Oregon Chapter, about 10-15 photos each**

We'll provide a Zoom opportunity to revisit spring and summer as participants share photos of favorite places, plants, plant enthusiasts, and habitats found this year. Mike McKeag will provide interested photographers with a link to a personal Dropbox where photos may be uploaded. Email him for yours at [mmckeag@gorge.net](mailto:mmckeag@gorge.net). He'll assemble all entries into a Powerpoint presentation with opportunities for each presenter to narrate if desired. Photographic expertise not required! We await your photos!

You must register in advance for this meeting:

<https://zoom.us/meeting/register/tJlodO2tpzMtG9LJkhsTyjiQHY6VZYptxsQZ>

After registering, you will receive a confirmation email with a link for your own use.

Save it. Do not forward or distribute this link. Non-members may request a link by contacting [brewer.roger@gmail.com](mailto:brewer.roger@gmail.com)

**Thursday, January 14th, 7:00 pm - 9:00 pm**

**Program: Guadalupe Mountains National Park, Texas**

**Presenter: Roger Brewer**

Description: Guadalupe Mountains National Park lies within the Chihuahua desert which is mostly in northern Mexico but pokes across the border into western Texas. We will learn about the four different desert zones in North America and the geologic history of the Guadalupe Mountains. We will see photos of the plants of the Chihuahua desert and the beautiful, rugged scenery of four trails in the park. We'll also see nearby Hueco



Tanks State Park & Historic Site, all from a trip in October 2015.

You must register in advance for this meeting:

<https://zoom.us/meeting/register/tJYqdeGgrTkiG9F6qCnXqD2Hvb2Cgwmz8g5X>

After registering, you will receive a confirmation email with a link for your own use.

Save it. Do not forward or distribute it. Non members may

contact [brewer.roger@gmail.com](mailto:brewer.roger@gmail.com) for a separate link.

### Siskiyou

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

**Thursday, December 17th, 6:00 pm**

**Presentation: Tribal, Cultural, and Ecosystem Diversity of the Siskiyou Mountains:  
Coupled Human and Natural Systems**

**Presenter: Ecologist Frank Lake**

The evening will include a short chapter meeting. Advanced registration is required to attend this free Zoom meeting. To register in advance, please go

to: <https://zoom.us/meeting/register/tJ0kcumpqzsqHtaj6joSZU9BVhVF0SftkNWe> After registering, you will receive a confirmation email containing information about joining the meeting.

### Umpqua Valley

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page,

[www.facebook.com/UmpquaValleyNPSO](http://www.facebook.com/UmpquaValleyNPSO). Not online - call Donna Rawson 541-643-0364.

### Willamette Valley

For program information, contact John Savage at 503-779-5414, [wvnpso@gmail.com](mailto:wvnpso@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). Find us on Instagram at

[instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

## Native Plant Interest Groups:

### Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](https://www.facebook.com/NPSO-Filipendula-Chapter)

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## NPSO State Officers

- President: Dan Luoma, [president@npsoregon.org](mailto:president@npsoregon.org)
- Immediate Past President: Lisa Blackburn, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
- Vice-president: Lisa Blackburn, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- Secretary: Steven Yeager, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- Treasurer: Michael Hartman, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- Directors: Gail Baker, Jason Clinch, Sarah Ratay, Dave Garcia, Linda Hardison, Bruce Waugh

## Committees & Chairs

- Budgets and [Grants](#): [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Vacant](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché and Karen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Publications: [Cindy Roché and Karen Sturgeon](#)
- Bulletin Editor: [Lisa Schomaker](#)
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

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

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Website



Facebook

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