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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/January 2018

Volume 51, No. 10



Happy Holidays from NPSO!

It's time to renew your membership!!

Thank you for bearing with us as we transition to a new website and a new membership database. As is the case with many transitions like this, we are experiencing some hold ups and unfortunately our new membership database will not be up and running in time for this year's membership renewal process.

With that being said, [to renew your membership for 2019, please visit our current website](#). You can [renew online](#), or you can print out a [renewal form](#) and send it in with your payment. General membership information is included below...

Member Categories and Information:

Regular - \$25

Student - \$12

Family - \$35

Sustaining - \$60

Patron - \$125

Life Membership - \$500

Subscription Only - \$25

(Subscription Only, for the Bulletin and Kalmiopsis, is for individuals or institutions that wish to subscribe but do not need to have full membership status.)

**** Dues 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.****

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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 five 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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Now on to the eBulletin! As a reminder, if you prefer to read a hard copy, you can click on the link at the top of this email that says "view this email in your

browser," and then "print" this e-newsletter as a PDF.

Lastly, when NPSO changed to emailing the Bulletin in place of paper Bulletins through the Post Office, we did not have emails for all members. We still don't, even though we have been working diligently toward that goal. If you know any members who have not been receiving the eBulletin, please forward it to them and encourage them to send their current email address to the membership chair (membership@NPSOregon.org). Also, feel free to forward to anyone you'd like to invite to become a member, or if you buy a gift membership for a friend.

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

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[Botrychium Palooza on the Deschutes National Forest](#)

by Christina Veverka, Crescent District Botanist

This past summer, seventeen volunteers from the High Desert Chapter assisted with critical monitoring efforts on the Deschutes National Forest for the rare and endemic pumice moonwort (*Botrychium pumicola*), a primitive fern in the Ophioglossaceae family. Working with Crescent District Botanist Christina Veverka and BLM Botanist Sarah Canham, volunteers revisited known sites on Forest Service, BLM, and Oregon State Lands to count the number of individual moonwort plants. This proved to be a botanical treasure hunt, with volunteers searching through bunchgrass and under bitterbrush and other shrubs, marking each diminutive moonwort with a colorful pin flag. Considering the sheer number of moonwort plants at key monitoring sites, the concentrated survey effort by the volunteers was crucial in obtaining accurate population counts. During four days of field work, over 3,000 plants were flagged and counted.



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onal monitoring efforts on the neighboring Bend/Ft. Rock District (BFR) of the Deschutes National Forest. Forest botanists and NPSO volunteers visited pumice moonwort populations that hadn't been monitored in 15 to 20 years. Most of these sites were in the Newberry pumice airfall deposit zone, which lies east of Newberry Caldera. Four of these Newberry pumice sites are faring nearly as well as when they were first discovered; at the other four sites, volunteers found none or only a few moonworts. Those sites were apparently too overgrown with young lodgepole pine trees to support healthy moonwort populations. Waning population trends are similar to the BFR moonwort sites farther south, in the Mazama pumice airfall deposit zone. Charmane Powers is working with soil scientists to investigate whether soil type plays a role in habitat suitability for pumice moonwort.



Forest Service and BLM botanists will use this monitoring data to prescribe management actions needed to sustain pumice moonwort populations on public lands. While population numbers appear to be stable in alpine areas (Three Sisters Wilderness, Newberry Crater, and Crater Lake) and in sites under the powerline corridor, current evidence suggests that populations within montane forested areas have decreased dramatically since the 1990s, when pumice moonwort sites were first documented on the Deschutes National Forest. Climate change and lodgepole encroachment are suspected to be major factors in the decline.



Photo credits: all photos by Christina Veverka except the moonwort closeup by Keir Morse.

[NPAW Poster Contest](#)

**Just a few more days to submit your photos for the
2019 Native Plant Appreciation Week Poster Contest!!**

Time is running out to submit your photos for the 2019 Native Plant Appreciation Week Poster contest. **The deadline is Dec. 15th!**

As NPSO is transitioning to a new website, we are trying a new procedure for photo submission (borrowed from WNPS), email. 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 December 15, 2018.
- 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.

You can see photos that have already been submitted by [clicking here](#).

Save the Date - 2019 Annual Meeting

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



The Siskiyou Chapter is excited to host the Annual Meeting - the Native Plant Society of Oregon's annual conference - showcasing the spectacular plants of the glorious Siskiyou Mountains in the Applegate Valley. Registration will begin around April, 2019 and is open to all NPSO members. This special event includes programs, hikes, vendors of products related to native plants, local food and wine, and social time. We will be based at Pacifica in Williams.

State & Chapter Notes

State Notes/Announcements:

State Board Meeting - the next State Board Meeting is scheduled for January 19th from 10am-2pm at Lane Community College, Science Building #16 Room 115.

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**Chapter Notes:**

**Blue Mountain**

For information on Blue Mountain Chapter, call Jerry Baker, 541-566-2244. To get on our email list, contact [flora.id@wtechlink.us](mailto:flora.id@wtechlink.us).

### **Cheahmill**

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Jeanie Taylor, at [jeanie@fastmail.com](mailto:jeanie@fastmail.com).

Meeting and work party location: Carnegie Room, McMinnville Public Library, [225 NW Adams St.](#) (corner of Highway 99W and SW Second St.), McMinnville. The library parking lot may be entered from either Adams or Second streets. Meetings start at 7 pm. Doors open at 6:45 pm for socializing.

#### **December 29, Saturday, 10am-12pm**

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

Spend a couple hours between 10 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

#### **January 24, Thursday, 6:45-8:45pm**

##### **Program: Shawash Kagwe -The Indian Way of Doing Things: Native American tools for managing the Willamette Valley**

Please join David Harrelson, Grand Ronde Cultural Resources Department Manager for this talk on native ethnobotany. Although native people have lived upon this land we call Oregon since time immemorial, the actions of Oregon's native people on our region's environment and landscapes has historically been overlooked and even denied. Concepts such as Wilderness, Pristine Landscapes, and Old Growth leave little room for the story of continued and systematic human intervention upon the landscape for centuries by native people. Meetings start at 7 pm. Doors open at 6:45 pm for socializing. Location: McMinnville Public Library, see above for details.

#### **January 26, Saturday, 10am-12pm**

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

Spend a couple hours between 10 and noon with a congenial crew and get to know native plants with our new green plant markers. Learn how the beauty, diversity and educational value of this mature demonstration garden is maintained with a minimum of effort. Bring gloves, bucket and gardening tools if you have them. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

#### **February 28, Thursday, 6:45-8:45pm**

##### **Program: Exploring the Natural History of Hawaii**

Join us for an overview of this island chain's rapid evolution in isolation, which provides a natural lab for evolutionary ecology of flora and fauna. Speaker entomologist Dr. Frank Howarth, while on the staff of the Bishop Museum in Honolulu, researched the native insects and other plants and animals that adapted to the many different environments in Hawaii, especially caves and new lava flows. The show will also highlight examples of the spectacular adaptive radiations within the flora and fauna of Hawaii including the iconic lobelias and tarweeds.

### 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://www.facebook.com/CorvallisNPSO).

**December 17, Monday, 6:30pm**

**Program: Winter Celebration and Slide Show**

Bring a snack to share as we socialize. Bring up to 15 slides to show and plan to limit sharing to ten minutes. Location: home of Loren Russell, 3420 SW Willamette Ave., Corvallis. For information contact Judi, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

**January 14, Monday, 7:30pm**

**Program: "An herbivore's dilemma? The scorpionfly *Caurinus* and its taste for liverworts"**

Presented by Loren Russell. *Caurinus* (Mecoptera: Boreidae, 2 described species in coastal forest from Cape Perpetua OR to Sitka AK) are minute, flightless, and extremely isolated taxonomically. *Caurinus* feed exclusively as adults and larvae on some, but not all, leafy liverworts (Jungermanniales and Porellales), presenting an interesting case of host/predator coevolution. Location: Room 2087, Cordley Hall, OSU. For information, contact Judi, [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com).

**February 11, Monday, 7:30pm**

OSU Botany and Plant Pathology graduate student Katarina Lunde will discuss her research project on *Senecio triangularis* and the Cinnabar Moth (directed by Dr. Peter McEvoy).

### Emerald

Visit the Emerald Chapter Web site 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.

**December 17th, Monday, 7:00pm**

**Amazon Community Center at 2700 Hilyard St, Eugene**

Bring 10 to 12 digital photos and a snack to share if you wish. This is a great opportunity to socialize with others who share your interest in native plants. You can talk about all of the interesting things that you have done in the past year.



**January 21st, Monday, 7:00pm**

**Amazon Community Center at 2700 Hilyard St, Eugene**

**“Fun and Learning about Plants through their Scientific Names” with Roger Brewer**

What can we learn from plant’s scientific names? We’ll see how available resources can help us make sense of the names, see what the names can teach us about the plants, enjoy photos of beautiful plants, learn some Latin, and have fun.

**February 18th, Monday, 7:00pm**

**Amazon Community Center at 2700 Hilyard St, Eugene**

**“Wildflowers of the Northern Arizona Mountains”**

Dan Luoma and Joyce Eberhart will share their botanical exploration of the mountains of Northern Arizona; including Boynton Canyon, Secret Mountain, and the San Francisco Peaks. Northern Arizona is well known for the stunning summer wildflowers that emerge in response to the monsoon rains. Please join us for this sampling of the plant geography of a highly diverse region.

### **Filipendula**

This is a newly formed chapter for the northern Oregon coast area. For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, [carlajeancole@gmail.com](mailto:carlajeancole@gmail.com).

### **High Desert**

For information, 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).

The next meeting will be on **January 19**, at the downtown branch of the Deschutes Public Library and the topic will be introduction to botanical art.

### **Klamath Basin**

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

### **Mid-Columbia**

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

### **Portland**

Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great

plant pictures. All hikes and programs are also posted on our Meetup page: <https://www.meetup.com/NPSO-Portland/>

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7 pm. MEETING PLACE: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We will meet in Copeland Commons; enter the church through the main door off Belmont and turn right to enter the room. Parking is available in the church lot on the NW corner of SE 54th and Belmont.

**\*\* The Portland Chapter is seeking a new chapter president.** The President shall preside at Chapter program meetings and Chapter Executive Committee (board) meetings, represent the Chapter at quarterly NPSO State Board meetings and other functions, appoint committee chairpersons, and perform additional functions as required. Average monthly time commitment: ~2-6 hours. If you're interested in learning more about a board position, please email [po\\_president@npsoregon.org](mailto:po_president@npsoregon.org).

**December 13, 7:00pm @ TaborSpace**

**Members Holiday Slide Show**

The annual tradition lives on to gather during the winter to show personal slides from travels near and far. A fun way to get to know more of the Portland Chapter members with light refreshments brought from home.

**January 6, Sunday, 4:00-7:00pm**

**2019 Annual Hike Leaders Planning Meeting**

Annually, a group of NPSO members meet early in the year to plan a month by month calendar of Hike locations the Portland Chapter will organize. The 2019 date is set for Sunday, January 6th from 4-7pm. The group will assign and send seasoned Hike Leaders out to the wilds with groups. Co leaders are also needed to be a "sweep" to bring up the rear and need not have botanical knowledge. The location is a member's home in SW Portland. If you are interested in becoming a Hike Leader/Co-Leader or have suggestions for an NPSO trip to a special place with abundant native plants, please send an email to the Portland Chapter VP of Field Trips, Willow Elliott at [salixsky@hotmail.com](mailto:salixsky@hotmail.com).

**January 10, 7:00pm**

**Program: Why are Grasses Relevant to Botanists?**

A casual talk by a botanist, Rick Shory, who did surveys throughout the West to introduce the non-botanist to common grasses of the western U.S. and why we should appreciate the largest plant family and watch out for the non-native invasive species.

**\*\*** The January program meeting is also when members will vote on the slate of board candidates.

**February 14, 7:00pm**

**Program: How Gardeners Can Help Save the World**

An inspiring story from a super volunteer who saved an ivy choked forest from being logged, to stalking a rare aquatic plant on Sauvie Island. Jane Hartline, a long time advocate for native plant gardening will share how she rallied others to monitor, rehab,

and save areas of habitat critical to plants, amphibians and birds.

## **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 in 2018, 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>

**December 13, Thursday, 6:00pm**

### **Holiday Potluck: Photographing Native Plants in the Klamath**

Kenneth DeCamp, professional botanical photography and amateur botanist, will present photographs of native plants found in different areas of the Klamaths. He will discuss visiting and revisiting the same areas throughout the blooming season and the surprising discoveries one might make. Feasting at 6pm, program at 7pm. Location: Talent Community Center, 206 E. Main, Talent. Please bring a potluck dish, table service (plate, silverware, glass, cup), and food donation for the Talent Food Project. Free and open to the public. For information contact Alexis at [alexislarsen1983@gmail.com](mailto:alexislarsen1983@gmail.com) or 860-878-2049.

**January 17, Thursday, 7:00pm**

### **Program: SW Oregon Rare Plant Guide**

A new updated SW Oregon Rare Plant Guide is now available through the BLM and USFS. Join the botanists who helped develop this new edition as they discuss an overview of the book project including a very short history of the earlier field guides, where the species list comes from, why the need for the field guide, and some of the production logistics of gathering photos and data. Location: This meeting will be held in Grants Pass. An update on the location will be sent through the Chapter eNews or contact Alexis at [alexislarsen1983@gmail.com](mailto:alexislarsen1983@gmail.com) or 860-878-2049.

**February 21, Thursday, 7:00pm**

### **Program: Vesper Meadows: A Community Rewilding Project**

Join Jeanine Moy, of the Vesper Meadows Restoration and Community Project as she discusses a community-powered ecological rewilding of a degrade wet meadow and upland habitat near Howard Prairie Reservoir. Jeanine will discuss how the property will be managed for imperiled species, native plants, and biodiversity. At both the Rogue and Klamath River headwaters, these 300+ acres are located in a prime site to showcase a unique ecological restoration site in this region. Refreshments at 6:45pm, meeting and program at 7:00pm. Location: Southern Oregon University Science Building, Room 161. Free and open to the public. For information contact Alexis at [alexislarsen1983@gmail.com](mailto:alexislarsen1983@gmail.com) or 860-878-2049.

## **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, [john@straubcenter.org](mailto:john@straubcenter.org).

### William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](http://instagram.com/wm.cusick.chapter). Our website is not currently functional.

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## OregonFlora



By: Dr. Linda K. Hardison  
Director, [OregonFlora Project](http://OregonFloraProject)

OregonFlora is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, [www.oregonflora.org](http://www.oregonflora.org). Funding for the direct operating expenses of the OregonFlora program comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org), or phone 541-737-4338.

We gratefully accept your donations online ([www.oregonflora.org/supportOFP.php](http://www.oregonflora.org/supportOFP.php)) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OregonFlora" on the memo line.

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## **EarthShare: Supporting the cause of your choice has never been easier!**

How concerned are you about the quality of air you breathe or water you drink? What about the natural areas you visit - would you like to visit them 10, 20 or 50 years from now? With so many threats to our natural environment, we count on conservation groups to protect our forests, farmland, streams and air quality. NPSO is a member of EarthShare Oregon, a nonprofit that makes it easy for employees across Oregon to support nearly more than 100 of the best environmental organizations here at home, and coast to coast.

If you work for the State of Oregon, Kaiser Permanente, NW Natural, PGE, or one of more than 100 employers ([earthshare-oregon.org/workplace-programs](http://earthshare-oregon.org/workplace-programs) to see the list), you can make one-time or regular donations from your paycheck - just by signing up once a year. It's simple and easy, and many employers match your gift.

Please contribute today through EarthShare to restore our forests, reduce landfill waste, develop clean energy, protect threatened land, and safeguard our streams. When you do, you're not only protecting Oregon's environmental legacy, you're inspiring others to share in that responsibility.

If your workplace does not offer EarthShare Oregon, establishing a partnership is easy. EarthShare staff will work with your employer to set up a program that meets your company's needs. To learn more about EarthShare Oregon and workplace giving campaigns, visit [earthshare-oregon.org](http://earthshare-oregon.org).

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Website



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