



Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 51, No. 1

FEBRUARY 2018

NPSO Annual Meeting 2018 in Prineville

by Susan Saul

Discover the Ochocos in the heart of Central Oregon at the 2018 NPSO Annual Meeting in Prineville. The meeting will be co-hosted by the Portland and High Desert Chapters on **June 1-3.**

Our 2018 annual meeting botanical landscape will be the Ochoco Mountains, home to giant trees, rare red-band trout, sparkling streams, and one of the best wildflower areas in central Oregon. It is a diverse landscape, with thick stands of California white fir and western larch on north-facing slopes, ponderosa pine forests on south-facing slopes, sagebrush flats on the dry uplands and Big Summit Prairie, a large high meadow well known for wildflowers and butterflies.

Friday, Saturday, and Sunday field trip destinations will be on the Ochoco National Forest, Crooked River National Grassland, Bureau of Land

Management, The Nature Conservancy's Juniper Hills Preserve and Deschutes Land Trust preserves.

Prineville is the gateway to a variety of activities. Come early or linger after the annual meeting to check out hiking and mountain biking trails; fishing the Crooked River, Prineville and Ochoco reservoirs and Walton Lake; geology and paleontology at the John Day Fossil Beds near Mitchell; or botanic explorations on your own. Visit the Wildland Firefighters Monument in Ochoco Creek Park, take the Crooked River Scenic Drive, or immerse yourself in local history at the Bowman Museum in a historic bank building.

Although maintaining its small-town cowboy charm, Prineville also has become a high tech hot spot for some of the industry's biggest names. Facebook and Apple have built data centers in Prineville and are continuing to expand their operations. The town is experiencing a renaissance with more places to dine, a new brew pub, and a choice of lodgings.

A printable registration form will be posted soon on the annual meeting section of the NPSO website (2018.npsoregon.org). A hard copy registration form will be inserted in the March NPSO Bulletin. Deadline for registration is May 1, 2018. Registration is limited to 120 so sign up early!

Registration, programs, dinners, and vendor sales will be held at our annual meeting location at the Meadow Lakes Golf Course, 300 SW Meadow Lakes Drive, on the banks of the Crooked River in Prineville.

Lodging will be on your own. Motel and camping options will be listed on the NPSO website. Reserve early for the best choice of accommodations.

Breakfasts will be on your own; an optional sack lunch on Saturday will be available to pre-order at time of registration.

Schedule Outline

Friday, June 1 - Optional half-day field trips in the afternoon. Six field trips depart at noon and return by 4:30 pm. Registration begins at 4 pm at Meadow Lakes Golf Course. There will be a dinner and speaker. Consider arranging for early check-in at your lodging so you

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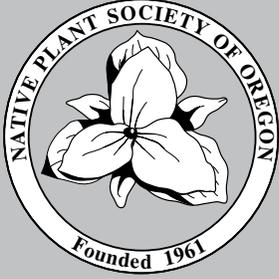


SUSAN SAUL

We chose Brown's peony (Paeonia brownii) as our botanical mascot for the 2018 Annual Meeting. It is a common, even abundant, species in appropriate habitats in the Ochoco Mountains.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: `subscribe npsos`

General Business Address and Membership Inquiries

P.O. Box 902
Eugene, OR 97440

Send Membership inquiries Attn: Margaret Conover, Membership Chair

To correspond directly with Officers and Committee Chairs, see the list on the inside of the back page.

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

American Penstemon Society Grants

The purpose of the American Penstemon Society Special Projects Program is to stimulate activities that promote knowledge and appreciation of Penstemons. The Society is particularly interested in funding projects that:

1. Promote conservation of Penstemon species in the wild, especially rare or sensitive ones, through understanding of factors that affect their survival, or
2. Promote appreciation for the diversity and beauty of Penstemons in wild and domestic landscapes, through horticultural research, dissemination of information of interest to gardeners, or the construction or enhancement of educational display gardens.

Deadline for grant proposals is March 15, 2018. Maximum award amount is \$1,000. For more information and instructions for proposal submission, visit penstemons.org/images/Grants/RFP-2018.pdf.

In addition to the program described above, there is a new program for graduate students researching Penstemon-related topics, with a maximum award of \$2,000 and a submission deadline of March 15, 2018. Full details of this program are available at penstemons.org/images/Grants/scholarship_2018.pdf.

Conservation Committee Update

by Billy Don Robinson, Conservation Chair

I want to talk about some specifics and relate this to the two hallmarks of an effective comment, "locality" and "specificity," and how this relates to our NPSO mission. The more a comment is attributable to a local stakeholder, the more effective it is. Local chapters are the best source in any comment. The Portland Chapter already has an active conservation committee and would likely need little assistance, but might. Some chapters are smaller, with fewer resources. This is the type of situation where the state level of NPSO might be able to significantly assist. For example, there might be someone in another chapter willing to help with something they have had experience with. In a sense, NPSO might develop a brain trust built on transferable skills and expertise. In some situations, NPSO members may be limited by job-related prohibitions that could lead to professional censure. Any state level action would need to be fully cognizant of and very sensitive to this fact and take great care not to get anybody in trouble.

I worked with Jason Clinch to submit a comment on a recent forest plan revision. It was nicely specific thanks to Jason. I offer it as an example of what a state level committee could do, but only if a local chapter did not want or was not able to take the lead. By serving in a supporting or coordinating capacity, the state level NPSO Conservation Committee could assist chapters mount effective local and species specific conservation actions whenever and wherever it was deemed necessary.

NPSO Seeks Candidates

Please consider taking the opportunity to serve our Society by running for election to one of the state-wide officer or at-large board of directors positions. Interested persons and people with ideas for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

NPSO CALENDAR

State Notes

Native Plant Appreciation Week

April 22-28, Sunday-Saturday

Our annual state-wide celebration of native plants. Details of events will be in the April *Bulletin*.

NPSO Annual Meeting 2018

June 1-3, Friday-Sunday

The next Annual Meeting will be co-hosted by the Portland and High Desert Chapters June 1-3, Friday-Sunday, in Prineville.

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.

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@NPSOoregon.org.

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 street.

February 22, Thursday, 7 pm

Program: Beyond Waterfalls. Join Interpretive Ranger Matt Palmquist for an exploration of the flowering plants at Silver Falls State Park. This slide show will feature plants from every corner of the park—from beneath the misty waterfalls to deep forests and open meadows. Later in the spring, Matt will lead the Cheahmill Chapter on a field trip to highlight wildflowers not often seen in the park. Location: McMinnville Public Library, see above for details.

February 24, March 24, Saturdays, 10-noon

Work Party: Native Plant Garden.

Work around the Carnegie Building with a congenial crew to maintain the beauty of this demonstration garden. Bring gloves, bucket, and gardening tools if you have them. Location: McMinnville Public Library, see above for details. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact co_president@NPSOoregon.org.

February 12, Monday, 7:30 pm

Program: Oregon Season Tracker.

Jody Einerson, natural resource educator for the OSU Extension Service of Benton County, will introduce Oregon Season Tracker, a citizen science program that tracks wildlife life cycles in Oregon. Learn how you can participate. Location: Room 2087 Cordley Hall, 2701 SW Campus Way, OSU. For information, contact: judi.sanders@gmail.com or susannicholasnps@gmail.com.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists & botanical information about Lane County plants & the people who love them.

Meeting location: The venue for programs this season is the Amazon Community Center at 2700 Hilyard St. in Eugene. Go to the M.L.I. Room in Building "C."

February 17, Saturday, 10 am-noon

Field Trip: Exploring Winter

Branches. Ever wonder what plants you're looking at in winter? Botanist Gail Baker leads this tour where we'll examine and learn to identify trees and shrubs at the Mt. Pisgah Arboretum in their winter stages. The two hour walk along the river and into the woods will provide a diversity of branches and bud patterns. If possible, bring a hand lens and *Winter Twigs* by H. Gilkey and P. Packard. Identification handouts will be provided. Location: meet at the Mt. Pisgah Arboretum Visitor Center, 34901 Frank Parrish Rd. Directions: In south Eugene turn east off I-5 at 30th Ave. and follow Seavey Loop to the park. For more information call 541-747-3817.

February 17, Saturday, 6:30 pm

Program: Book Reading. Evelyn Hess will read from and discuss her books. *To the Woods* follows seasonal activities and revelations during the fifteen years that she and her husband, David, camped on their wooded property in the foothills southwest of Eugene. *Building a Better Nest* looks for ways to live harmoniously with the ecosystem, fellow human beings, and the biosphere. Hess wants to involve us in a discussion of how native plants and ecosystems respond to climate change. Location: M.L.I. Room in Building "C" at the Amazon Community Center, 2700 Hilyard St in Eugene. For more information call 541-954-5334.

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, colecarla@yahoo.com.

February 24, Saturday, 7 pm

Field Trip: Lichen Night Hike. Many secondary compounds in fungi and lichens fluoresce distinctive colors under ultraviolet light. We will be using UV flashlights and wearing safety glasses to look at local species on one of the main trails at Lewis & Clark National Historic Park. Raingear highly recommended. Limit 12 people. Location: Meet in front of the Fort Clatsop visitor center by the main parking lot. Contact leader Carla Cole, colecarla@yahoo.com, for more information.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email highdesertnps@gmail.com.

Klamath Basin

For information on the Klamath Basin Chapter, visit <http://klamathbasinnps.com> or contact the chapter president, kb_president@NPSOregon.org.

February 5, Monday, 6:30 pm

Program: Ethnobotany of the

Klamath Basin. Erin Rentz, botanist for the Fremont-Winema National Forest, will examine how native peoples used plants for food, medicine, tools and as part of their regalia. Location: Klamath County Museum, 1451 Main St., Klamath Falls.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at mc_president@NPSOregon.org.

February 15, Thursday, 7 pm

Program/Meeting: Flora of Australia. Sara Wu will share pictures from her recent trip to Australia, focusing especially on the flora. Location: Room 1.354, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official email newsletter, The Calochortus, email Don Jacobson at donjphoto@gmail.com.

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

The Portland Chapter meets the second Thursday of most months. Meetings and programs begin at 7:00 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.

February 8, Thursday, 7 pm

Program: A Brief Tour through the Geology & Endemic Botany of the Siskiyou Range. A hotspot of diversity for rare plants, butterflies, and birds, the Klamath-Siskiyou region of southern Oregon is a transverse range running from the Cascades range to the Pacific Ocean. Speaker Mark Madsen's love of biology while living in the area for 15 years sparked an interest in the

taxonomy of this world of serpentine soils and its plant communities, including remnant species from the last ice age. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

March 8, Thursday, 7 pm

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 Dr. Frank Howarth, medical entomologist, while on the staff of the Bishop Museum in Honolulu, researched the native lobelias and tarweeds that adapted to unique environments as well as the fauna of caves and lava tubes. Location: TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St, see above for details.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyounpsoregon.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 Julie Spelletich at: jspelletich@gmail.com. Join us on Facebook at: [facebook.com/SiskiyouChapterNativePlantSocietyOfOregon](https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon).

February 15, Thursday, 6:30 pm

Talk: An Introduction to the Rogue Native Plant Partnership. Ecological restoration is crucial for mitigating losses to plant and animal diversity on a global scale, yet the need for genetically appropriate native plants is often unmet. Regional native plant cooperatives are an emerging tool for meeting this demand. Kathryn Prive, coordinator for the Rogue Native Plant Partnership, will provide an introduction of the newly formed Partnership and what is being done in this region to provide native plants for local restoration projects and members of the public. A special tour of the SOU Herbarium will be at 6:30 pm for those who are interested. Refreshments at 6:45, meeting and program at 7:00. Location: Southern Oregon University Science Building, Room

161. Free and open to the public. For information contact Alexis at alexis.brickner@gmail.com or 860-878-2049.

Umpqua Valley

Visit 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. Not online - call Donna Rawson 541-459-2821.

Willamette Valley

For program information, contact John Savage at 503-779-5414.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Susan Geer at 541-963-0477 or Emelie Montgomery-Jones at 541-963-3339 for updates and general information. Chapter notices and communications are done primarily through a Google group. Members are reminded to contact Susan or Emelie if they want to be added to the Google group, or if they do not have internet access and want to be contacted by phone for events.

IT'S STILL RENEWAL TIME!

The NPSO membership year is January to December.

If you haven't already renewed for 2018, check your address label on this *Bulletin*. If you see 2017 printed along the top of the label, you need to renew. Your membership will lapse if you do not send in your dues soon. Renew now to make sure you don't miss receiving NPSO communications. NPSO brings you field trips, programs, classes, and the *Bulletin*.

You can renew online at npsoregon.org/online.html

OTHER EVENTS

The Nature Conservancy and Friends of Buford Park & Mt. Pisgah

February 24, Saturday, 9 am-noon

Field Trip: Willamette Confluence Preserve Tour. This preserve features extensive habitats that are endangered in the Willamette Valley and includes six miles of river corridor, floodplain forest, wetlands, upland oak woodlands, and native prairie. During this mostly flat walking tour of 3-4 miles, volunteer docents will highlight the conservation efforts, human history, and natural wonders. Please, no pets. Free; preregistration required at bufordpark.org/tours. For more information, contact: outreach@bufordpark.org or 541-344-8350.

Oregon Department of Agriculture

March 7, Wednesday, 8 am-4:30 pm

Workshop: ODA Noxious Weed Forum 2018. This free one day forum will provide education, discussion, and networking opportunities for groups and individuals working on controlling

two aquatic weeds: water primrose and yellow floating heart. The forum will feature presentations on ecology, impacts, and control approaches followed by Q&A and discussion with the speaker panel. Location: Oregon Department of Fish & Wildlife, 4034 Fairview Industrial Dr. S.E., Salem. For more information and to register, visit eventbrite.com/e/oda-noxious-weed-forum-water-primrose-yellow-floating-heart-registration-41853783794.

University of Washington

March 21, Wednesday, 9 am-6 pm

Conference: 2018 Washington Botanical Symposium. Co-hosted by the University of Washington Botanic Gardens and Herbarium. Invited speakers and poster presentations will share new insights and discoveries. Participants will have the opportunity to exchange ideas with colleagues within and across disciplines. Cost: \$85 in person, \$70 remote. Student scholarships available. Location: UW Botanic Gardens Center for Urban Horticulture, NHS Hall, 3501 NE 41st St., Seattle. For more information and to register, visit botanicgardens.uw.edu/education/adults/conferences-symposia/wa-botanical-symposium.



Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for Native Plant Appreciation Week, which takes place April 22-28, 2018. This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, etc. and help increase their chapter's visibility and membership. We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

NATIVE PLANT SALES

East Multnomah Soil & Water Conservation District

February 17, Saturday, 10 am-3 pm

Order ahead! Our annual, bare-root native plant sale offers over 40 species of native trees and shrubs. At just \$3 each, it is a great way to fill your yard with inexpensive, beautiful, climate appropriate plants. Location: EMSWCD Office, 5211 N Williams Ave., Portland. For more information and to pre-order, visit emswcd.org/workshops-and-events/native-plant-sale.

Benton Soil and Water Conservation District

February 24, Saturday, 9 am-2 pm

We will no longer be accepting pre-orders, but will have over 100 species of beautiful native plants for your gardening pleasure and restoration projects. There will be bare root and potted plants, seeds, books, and other useful planting supplies! This year we are focusing on plants that are suitable for meadowscaping—bringing prairie habitat to your home. Location: Benton County Fairgrounds, 110 SW 53rd St., Corvallis. For more information, visit bentonswcd.org/programs/plant-sale.

Yamhill Soil & Water Conservation District

March 2, Friday 9 am-6 pm

March 3, Saturday, 9 am-4 pm
Order ahead! Great Selection. Low Prices. Good Quality. You will enjoy our amazing collection of over 50 species of native trees, shrubs, and understory plants. Bare root and container plants available. Order ahead, limited availability on days of sale. Proceeds benefit Miller Woods. Location: Yamhill Valley Heritage Center, 11275 SW Durham Lane, McMinnville. For more information

and to pre-order plants, visit yamhillswcd.org/event/2018-native-plant-sale or call 503-472-6403.

Marion Soil & Water Conservation District

March 10, Saturday, 9 am-4 pm

Details TBA. Location: Bauman Farms, 12989 Howell Prairie Rd., Gervais. For more information, visit marionswcd.net/nps18.

Washington County Small Woodlands Association

March 10, Saturday, 9 am-3 pm

Native plants love to be planted in March! Besides being beautiful, native plants are adapted to local water, soil and climate conditions. Birds, bees and other native animals and insects thrive where native plants are available. All profits fund college scholarships. Location: Oregon National Guard Armory, 848 NE 28th Ave, Hillsboro. For more information, visit new.wcswa.com/wordpress/calendar.

Friends of Baltimore Woods

March 31, Saturday, 9 am-3 pm

Details TBA. Location: St Johns Plaza, Portland. For more information, visit friendsofbaltimorewoods.org.

Hood River Soil & Water Conservation District

April 6-7, Friday-Saturday

Order ahead! Native plants require less water, soil amendments, or any other inputs to maintain because they are adapted to living in our unique climate and soils. So planting with natives keeps your yard looking great for less time and money. Location: OSU Experiment Station Cold Storage Building, 3005 Experiment Station Drive, off Tucker Road just east of Excavator Rental Services (formerly

Your Rental Center) in Hood River. For more information and to pre-order, visit hooddriverswcd.org/projects/plants.

Skyline Ridge Neighbors

April 6-7, Friday-Saturday, 9:30 am-2 pm

This sale includes bareroot fruit-bearing, shade, and ornamental trees and shrubs, and over 85 species of Pacific Northwest native plants. Location: Skyline Grange Hall, 11275 NW Skyline Blvd, Portland. For more information, visit srnpdx.org.

Scappoose Bay Watershed Council

April 14, Saturday, 9 am-3 pm

No pre-orders. Many young native plants, at great prices, ready for your landscape! We will be available to help choose plants, suggest gardening ideas, and provide information on establishing and maintaining native vegetation. Location: our nursery, behind Scappoose High School, 33700 SE High School Way Scappoose. Look for signs as you go east on SE High School Way and turn into the parking lot between the school and the school field areas. For more information, including a plant list, visit, scappoosebay-wc.org/native-plant-nursery.



Annual Meeting, *cont'd*

don't need to bring luggage on field trips.

Saturday, June 2 - All-day field trips will be from 8:30 am to 4:30 pm, followed by dinner, NPSO elections, and a speaker.

Sunday, June 3 - NPSO State Board Meeting. Botanical explorations on your own are encouraged. A limited number of optional part-day field trips will depart at 9 am and should be done by 2 pm. Consider arranging for late departure at your lodging so you don't need to bring luggage on field trips.

New NPSO Members

Please welcome these new members who joined NPSO between July 10, 2017 and January 11, 2018.

Corvallis

Susan & Tim Cowles
Andre Hahn
Barry Wulff

Emerald

Christina Bentrup
Vicki Philben
Jennifer Wald

High Desert

Rushing River Botanicals

Klamath Basin

Franklin Hopkins

Members At Large

Roger Anderson
Anne Bradley
Janet Crosby
Emil Doyle
Bridget McNassar
Patricia Otto
Cheryl Shippentower

Portland

Penney Boyce
Carol Boyer
Corinne Crawford
Patricia Delich
Susan Donora
Sandra J. Hulden
Wayne Jiang
Karen Lundberg
William Scheuner
Jacquelyn Schroeder

Portland (continued)

John Sparks
Sharon Stanley
Marc Tait-Condie
Janet K. Williams

Siskiyou

Charles Callagan
Teresa Fernandez
Jade Keehn
Thomas Landis
Marcy Landis
Glen Riley
John Rinaldi
Kathleen Rolih
Charles Schelz
Diane Wickstrom

Willamette Valley

Kim Wentz

STUDENTS, TAKE NOTE:

The Willamette Valley Chapter will once again be offering two scholarships for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2018–2019 school year. Two qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail until June 1, 2018. Don't let this opportunity pass you by!

Rules for Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1,000 to worthy students who will complete at least two years of satisfactory college work by

July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.

3. Awards are made in the following manner:
 - a) A certificate is presented to the recipient.
 - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:
 - a) In their own words, a statement

of academic and career intent.

- b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.
 - c) Full academic record (transcript).
6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
 7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

Thomas Jenkins
Scholarship Committee Chairman
14380 Salt Creek Rd.
Dallas, OR 97338

Your Employer Can Support NPSO

The effects of climate change are growing, putting stress on the land, water, food, energy and other resources people and wildlife need to thrive. But Oregonians can do more to protect our way of life. NPSO has partnered with EarthShare Oregon to make that happen.

EarthShare engages people at their workplaces to strengthen environmental efforts locally, across Oregon, and around the world. NPSO's membership in EarthShare also enables us to reach employees across Oregon who might not know about our work. The more workplaces offering EarthShare, the more financial support, volunteers and outreach we receive!

Did you know that studies have

shown that donors give more through workplace giving? Educating your donors about workplace giving can increase your donations through EarthShare. Does your workplace offer EarthShare? Find out. (<http://earthshare-oregon.org/workplace-programs>) If not, talk to your boss or human resources personnel about offering EarthShare. Jan Wilson, EarthShare Oregon's executive director, will meet with your employer to discuss the benefits of a partnership, and get started right away.

To learn more about bringing EarthShare to your workplace, contact Jan directly at 503-223-9015 or jan@earthshare-oregon.org.



CELEBRATING WILDFLOWERS
Paeonia brownii
Wild Pacony or Brown's
Pacony

Paeonia brownii

KARL URBAN

Torrent Sedge (*Carex nudata*) Good Looking and Hard Working

by Rachel A. Werling

This article originally appeared in the Fall 2017 issue of The Confluence, the Rogue River Watershed Council's quarterly newsletter. Read more online at rogueriverwc.org.



RACHEL WERLING

*Torrent sedge (*Carex nudata*) growing along the Rogue River, Oregon.*

“Sedges have edges and rushes are round, torrent sedge on the banks of our rivers is found.” I have modified that child's botanical ditty to highlight one of my favorite streamside plants. If you have been lucky enough to spend a day wandering or rafting the Rogue or another river in our area, you have likely noticed robust green tussocks of a grass-like plant perched Seussian-like along the shore and on rocks mid-stream. “Torrent sedge” is a poetic visual, and the plant lives up to its name, happily thriving along fast flowing rivers from California to Washington. It is adapted to the disturbance often created by flood water.

This sedge blooms early in the season in dense spikes of “seeds” that break apart and drop in the torrent when water levels are still high. As the levels go back down, the seeds are left on rocks and gravel banks, where they quickly set their tenacious roots. Established tussocks are seldom dislodged by floods and their dense stems and leaves trap sediments and create habitat

for other plants to take root. Mature clumps have long, gracefully overhanging leaves and can be three feet tall and several feet wide. This species provides more than interesting scenery, however. Mathew Goslin, working for the University of Oregon, has taken to calling torrent sedge a botanical “ecosystem engineer” and an agent of passive restoration. His work along the John Day River has documented that torrent sedge populations can increase “complexity” in stream morphology, expanding islands, promoting side channels and pools. This improves fish habitat, providing cover and important habitat diversity. Torrent sedge is a good looking and hard working member of the riparian plant community.

Rachel Werling serves on the Rogue River Watershed Council board. She is a botanist and on faculty at OSU's Southern Oregon Research and Extension Center where she coordinates the Land Steward Program.

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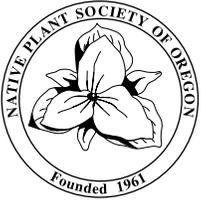
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Changes are happening within our program: with the launch of our redesigned website in the coming months, we will be modifying our name to "OregonFlora." This reflects the broadening of our scope to include research initiatives that apply the rich botanical dataset we are developing.

What will not change is our commitment to provide accurate and thorough information through the writing of the *Flora of Oregon*. The upcoming volumes will complete the first comprehensive floristic treatment of our state in over a half-century. These illustrated volumes will indeed, as one reviewer of Volume 1 stated, establish "...a new standard of excellence for a state flora."

Our appreciation of your involvement and support will always remain unchanged!

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