

Bulletin of the Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of Oregon's native plants and habitats April 2020 Volume 53, No. 3



Trillium albidum, giant white wakerobin, enjoying a sunny break between spring showers. Photo by L. Schomaker.

2020 NPSO Annual Meeting Canceled

Due to the COVID-19 pandemic, and in the best interest for the health and safety of our members, the Cheahmill Chapter has decided to cancel the Annual Meeting this year. While the number of new cases may decline over the next several weeks and months, subsequent waves of COVID-19 are likely to recur once social distancing is relaxed. We are exploring hosting the meeting next year (2021) at Spirit Mountain Lodge and offering much the same program.

If you have already sent in your registration form and payment, your checks will be shredded. Those whose checks were already deposited will receive a refund.

We look forward to seeing all of you in 2021, hopefully at Spirit Mountain. Please stay safe and healthy through this difficult time.

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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 <u>bulletin@npsoregon.org</u>.

How to Support NPSO

Botany in the Time of Corona*

As we negotiate through this challenging time, we may find ourselves distressed by seemingly unending cancellations of botanical events. But the wildflowers are still out there, so venture out safely to enjoy them, and your spirits will be lifted. I've been inundated with suggestions for activities to "kill time." I have no use for them. Instead, I consider this time of isolation to engage in meaningful activities that have been on my list of "things to do" for some time. For example, Christine Ott-Hopkins and I have been preparing the herbarium at Central Oregon Community College for inclusion in the Consortium of Pacific Northwest Herbaria, with the help of my husband Bob Korfhage, who is taking digital photographs of the entire collection of approximately 6,000 specimens.



Wyethia helianthoides spotted in the Ochocos. Photo by Robert Korfhage.

Now is a good time for you to support our Society. Perhaps you have an idea for a project to benefit native plants or native plant enthusiasts. Plan summer or fall excursions. Search the Oregon Flora Atlas to identify a plant or place new to you that you'd like to see. Check out blogs/websites of our members who write about Oregon's native plants. I never tire of reading Tanya Harvey's explorations (http://westerncascades.com/blog/). Paul Slichter's website has a wealth of information on places to go and plants to see in Oregon (http://science.halleyhosting.com/). The Institute for Applied Ecology (https://appliedeco.org) has a list of worthwhile readings (see article in this month's eBulletin by editor Lisa Schomaker). My website (http://grassesandmore.wixsite.com/) includes information about Oregon/Washington grasses, and I will post lesson plans for learning how to identify them.



Trifolium macrocephalum, also spotted in the Ochocos. Photo by Robert Korfhage.

I am still looking for articles for the 2020 issue of our Society's journal, Kalmiopsis. No idea what to write about? Take a look at articles previously published: https://www.npsoregon.org/publications.html. I'd love to hear about your favorite native plant. Take a digital camera and get some stunning photographs; delve a little deeper and learn who first discovered and named it; describe its distribution, ecology, and reproductive biology and how to identify it. Voila, you have generated a Plant of the Year article. Feeling a little more ambitious? Describe one of your favorite haunts to botanize in Oregon. Tell about the geology, plant communities, climate, history, and share your species list. There you have it, an Oregon Plants and Places article. Curious about historical Oregon botanists? It's a shame if the people who shaped the botanical history of Oregon are forgotten. Researching their lives for a Historical Botanist article can be a fascinating project. If you need suggestions, let me know. More interested in the present? Tell me about your passion; maybe its conserving a rare plant habitat or restoring a native plant community on a disturbed site. Perhaps you'll inspire others to take action for native plants. Have you read a good book about native plants or habitats? If so, take the opportunity to review it. If I have piqued your curiosity, let me know and I'll send you a copy of Instructions for Authors and/or Book Reviewers. [publications@npsoregon.org]

I am hoping to hear from you soon.

- Cindy Roché

*Apologies to Colombian author Gabriel García Márquez and his novel, Love in the Time of Cholera.

Species of the Month: California pipevine



A side view of California pipevine's (*Aristolochia californica*) characteristic flowers. Photo by Frank Callahan.

California pipevine

(Aristolochia californica)

by Frank Callahan

This small liana is very rare in Oregon, presently known only from Jackson County. From a side view its flower resembles a meerschaum pipe (a <u>smoking pipe</u> made from the mineral <u>sepiolite</u>), hence the name "pipevine." Nonsmokers might think it resembles a saxophone. In Jackson County, it occurs in both chaparral and riparian habitats; an example of the latter is along Bear Creek in the shrubs under stands of Hinds walnut (*Juglans hindsii*). The flowers produce an unpleasant odor and are pollinated by tiny fungus gnats. It is an obligate host species for the Pipevine Swallowtail butterfly (*Battus philenor*), whose larvae feed on the leaves and capsules. All parts of this plant are toxic, but not to the Pipevine Swallowtail. As this vine flowers very early, it is often missed by botanists in its dense shrub habitat. On my property near Gold Hill it winds into the shrubs and up the boles of gray pines (*Pinus sabiniana*). The plant in the picture was

snaking its way up an old clothesline, which made it easy to photograph.



In Oregon, the rare California pipevine is known only from Jackson County. Photo by Frank Callahan.

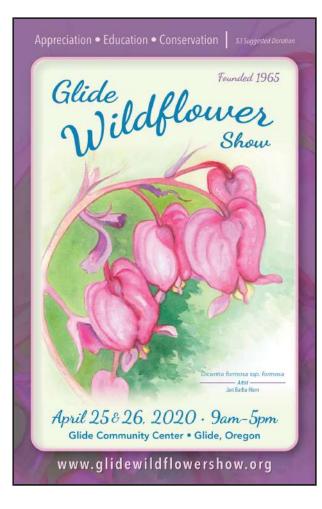
2020 Glide Wildflower Show Posters!

Following Governor Brown's announcement Wednesday, March 11, 2020, that she was banning gatherings of more than 250 people for the next four weeks, the **Glide Wildflower Show was canceled for 2020.** While we are disappointed, the health and safety of our guests, volunteers, and the wider community is of the utmost importance to us. We look forward to welcoming you back to the show on **April 24th and 25th**, **2021.**

Glide Wildflower Show Now Selling Posters As Benefit

When the 2020 Glide Wildflower Show was cancelled, posters advertising the show were already printed and awaiting distribution. Featuring a stunning watercolor of bleeding heart by acclaimed local artist Jan Horn, organizers consider it one of the most beautiful posters the show has ever had, and they enthusiastically agreed to sell the posters as a fundraiser for local charity.

Glide Helping Hands food pantry will be the beneficiary of the poster sale. The pantry is going through food much faster than usual as it responds to the effects of school and business closures on families in the area. Normally, Helping Hands serves 300 to 400



people each month. In the first two weeks after schools closed and the stay-home order was issued, five new families signed up each week.

The pantry is functioning in drivethrough mode so it can continue operating and keep clients and volunteers safe and healthy. Donations from the poster sales will be used to purchase food. Because of careful and resourceful buying, each dollar can buy four pounds of food.

Posters were printed in two sizes. Large 11 x 17 posters are available for a minimum donation of \$10. Small 7 x 10-1/2 posters are \$5. Larger donations will be gratefully accepted. Glide Helping Hands will receive all donations, minus postage. The cost of mailing envelopes and tubes have been donated by wildflower show

volunteers. Increasing your donation to cover postage (\$3.80 for a large poster, \$1.00 for a small one) would be welcomed.

Because of the stay-home orders, posters will be ordered and received by mail. Send a check to Glide Wildflower Show, P.O. Box 332, Glide, OR 97443. Include the name and address where you want your poster(s) sent. The Elkton Community Education Center will also be conducting drive-through sales of native plants and expect to have a supply of posters.

For more information, contact <u>info@glidewildflowershow.org</u>. For information about the food pantry, contact Nancy Kreger at 541-733-6860.

Candidates for NPSO Board Positions

The NPSO Nominating Committee offers the following list of candidates for the State offices. Newly elected individuals would usually assume office during the Annual Meeting. This year the induction ceremony will precede the on-line board meeting that will take place in lieu of the Annual Meeting board meeting. Please consider serving our

Society. Interested persons and people with suggestions for potential candidates may contact Dan Luoma by email (daniel.luoma@oregonstate.edu) for more information.

President:

Dan Luoma (Corvallis) has been a member of NPSO since about 1980. He has previously served as State President, Vice-President, and director-at-large. His academic training is in ecological plant geography. Dan is a retired professor, having specialized in forest mycology with the Department of Forest Ecosystems and Society at Oregon State University. Dan has taught mycology at OSU and a course on forest mycology through the Siskiyou Field Institute and Southern Oregon University. He continues to pursue research on the diversity of truffles and mushrooms in the forests of the Pacific Northwest. He was a charter member and second president of the Corvallis Chapter and is currently chapter Treasurer.

Vice-President:

Lisa Blackburn (Cheahmill) was born and raised in southern California. She graduated with a B.S. in Renewable Natural Resources and an M.S. in Range Management from the University of California at Davis. Lisa moved to Oregon in 1977. She worked for the Forest Service and Bureau of Land Management for 31 years, retiring in 2007 from the BLM Oregon State Office in Portland. Her interest in plants and geology started during childhood through family camping vacations all over the western United States. Lisa has served as President of the Cheahmill Chapter and most recently served our Society as President, Secretary, and Vice-President.

Secretary:

Steven Yeager (Emerald) is originally from Philadelphia. Steven moved to the Pacific Northwest in 1994, and has been rooted in Eugene ever since. He has been exploring Oregon's wild places and studying the Pacific Northwest's native flora since 1995. Steven is co-owner of the Columbines School of Botanical Studies in Eugene. Columbines offers a unique educational program focusing on community herbalism including a heavy emphasis on botany that covers plant terminology and using taxonomic keys, ecology, and ethnobotany. He also is the Director of Quality at Mountain Rose Herbs and is responsible for the proper identity of their botanical products. Steven is also active with the NPSO Emerald Chapter as President and serves on the board of the United Plant Savers and the American Herbal Products Association.

Treasurer:

Michael Hartman (Emerald) has served the NPSO in a variety of capacities for many years. He is currently NPSO Emerald Chapter Treasurer and was formerly NPSO Bulletin Mailing Coordinator and NPSO Webmaster.

Directors-at-large:

Dave Garcia, Ph.D. (Siskiyou) was a co-founder and the first president of the Siskiyou Chapter (the first chapter outside Portland). He has worked on sensitive plant projects as a seasonal employee for the Forest Service and the Bureau of Land Management. He has also worked as an independent contractor doing sensitive plant surveys for the Rogue and Siskiyou National Forests. He is the current President of the Siskiyou Chapter. He will coordinate this year's annual Irene Hollenbeck Memorial Wildflower Show in Ashland's Lithia Park on the 4th of July (which he helped start about 40 years ago). Dave is a grandfather, a retired high school biology teacher, and a life-long student of nature, organisms, and ecosystems.

Linda Hardison (Corvallis) came to Corvallis and Oregon State University in 1996, first as a postdoctoral fellow in the Botany & Plant Pathology department. She began volunteer work for the Oregon Flora Project (now OregonFlora) in 1999, focusing on outreach, especially through speaking engagements to NPSO and other groups statewide. She serves as chair of the NPSO Friends of the Oregon Flora Project Committee. She became director of OregonFlora in 2005, and has overseen the continued work and growth of the program, whose efforts include publication of the Flora of Oregon, a new website, focused outreach to native plant gardeners, and research on incorporating native plants into working agricultural lands.

Bruce Waugh (Emerald) After spending 35 years on the Oregon Coast learning, practicing, and teaching amateur mycology and native plant gardening for the Lincoln County Mycological Society, Lincoln County Master Gardeners, and the Oregon Coast Aquarium Bruce has moved back to the Willamette Valley where he spends his time landscaping and rehabilitating his five acres southeast of Eugene. He enjoys attempting to grow truffles and being pleasantly surprised by the wildflowers and fungi that become apparent once the blackberries are removed. Bruce previously served on the NPSO board a few years ago.

- Dan Luoma

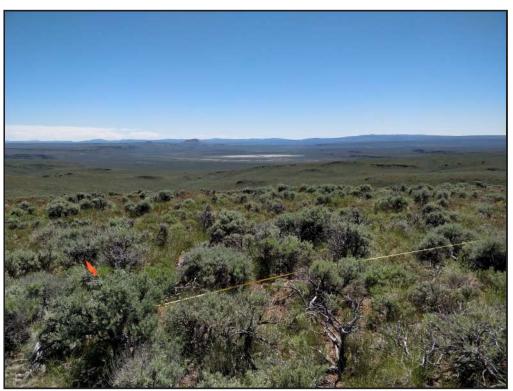
A Quick Trip to Hawksie-Walksie

Because it has become more difficult to explore the spring wildflowers on our local public lands, please enjoy this photo journey to one of Oregon's more remote corners.



Looking southeast from a rocky high point in Hawksie-Walksie RNA.

As a conservation field ecologist, I have the great privilege of working in a wide range of Oregon's native plant communities, from the wet prairies of the Willamette Valley to the arid sagebrush grasslands of Harney county. In 2019, the conservation research team at the <u>Institute for Applied Ecology</u> carried out its first field season of a new Research Natural Area (RNA) monitoring program in partnership with the BLM. Our first site was <u>Hawksie-Walksie</u> RNA, a remote, upland big sagebrush (*Artemisia tridentata*) and Idaho fescue (*Festuca idahoensis*) grassland community.



A typical start (flagged) to a line-point intercept transect, buried in the sagebrush.

Amidst the snow flurries of early May, my technician and I traveled slowly along 50-

meter transects recording vegetation "hits" using the common line-point intercept method. Every few meters, we also collected plant community data in the form of a half square meter plot, identifying and counting individuals of all species present within its boundaries. We often found that the longer we stared, the more microscopic plants appeared out of the gravelly substrate, two of our favorites being dwarf monkey flower (*Diplacus nanus*) and Nevada gilia (*Gilia brecciarum*).



The smallest of the small, Gilia brecciarum (left) and a "field" of Diplacus nanus (right).

Techniques like these allow us to monitor the health of and identify the potential threats to the native plant communities of Oregon and our neighbor states, and in turn, how changes within these plant communities might influence the health and function of the entire ecosystem. If you'd like to read more, check out our <u>blog</u>!



In May, colorful rock gardens abound along the cobbled ridges that run through the RNA.

Native Stenotus, Eriogonum, Penstemon, and Poa, all common genera throughout the site, complement each other here.

- Lisa Schomaker, Institute for Applied Ecology

State & Chapter Notes

State Notes/Announcements:

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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.

#### Spring and Summer Field Trips

The Blue Mountain Chapter in Pendleton and Flora ID, a non-profit botanical organization, are sponsoring weekly field trips throughout the spring and summer. For schedules and updates re: cancelations, contact Bruce Barnes 541-377-2634, <u>flora.id@wtechlink.us</u>

#### <u>Cheahmill</u>

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 <u>ch\_president@NPSOregon.org</u>.

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

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.

\*All upcoming events, including the Annual Meeting, have been canceled!

#### <u>Corvallis</u>

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact <u>co\_president@NPSOregon.org</u>. Find us on Facebook at <u>facebook.com/CorvallisNPSO</u>.

#### Monday, April 13th, 7:30 p.m. - 9:00 p.m.

#### \*Chapter Meeting via Zoom - access questions may be directed to co\_president@npsoregon.org

Richard Hilliard, PhD student at Oregon State University, will present, "Investigation of Oregon native plants for remediation of trace metals and organic pollutants in stormwater". He explains, "Stormwater collects dissolved and particle associated pollutants from impervious surfaces and carries these to receiving water bodies, degrading their quality. Pollutants of concern include heavy metals, trace organics, sediments, and nutrients. Bioswales, rain gardens and vegetative buffers are increasingly being used to provide passive treatment of these waters. Inclusion of plants in these systems provides potential for phytoremediation, prevention of erosion, increased soil porosity, and an aesthetic quality against the built environment. However, our lack of fundamental knowledge about treatment provided by plants is preventing good design for these systems. A number of Oregon plants were investigated for potential treatment of copper and zinc, sediments, and nutrients."

\*All events statewide have been canceled for the 2020 Native Plant Appreciation Week!

#### <u>Emerald</u>

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

\*Pursuant to the Governor's recent Executive Order concerning COVID-19, the **Emerald Chapter of NPSO has canceled all events for the months of April and May.** Instead, we hope you will spend time outside on your own to enjoy Lane County's beautiful spring flora. And please post your wildflower photos to our Facebook Page at <u>https://www.facebook.com/emerald.npso/</u>

#### <u>Filipendula</u>

For more information, visit our Facebook page: <u>NPSO-Filipendula Chapter</u>, or contact Field Trip Chair Carla Cole, carlajeancole@gmail.com.

# All year: North Oregon Restoration Partnership potting days in Tillamook, OR at the nursery, with Maysa Miller

We will share the volunteer activity dates, and encourage everyone to join during the year to help the nursery with potting up native plants. It's a great way to pick up new skills in potting and handling native plants. Contact Carla Cole to sign up; her email address is carlajeancole@gmail.com.

#### 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 highdesertnpso@gmail.com. Sign up for hikes at <a href="http://www.highdesertnpsoregon.org/">http://www.highdesertnpsoregon.org/</a>.

\*All April programs have been canceled!

#### <u>Klamath Basin</u>

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

#### <u>Mid-Columbia</u>

For information on the Mid-Columbia Chapter, contact Sara Wu at <u>mc\_president@NPSOregon.org</u>.

#### <u>Portland</u>

Please visit the new Portland Chapter Website at <a href="https://portlandnativeplants.org/">https://portlandnativeplants.org/</a>, launched in December 2019! Outings and Programs along with photos and articles from members about the Metro region and Columbia River Gorge will be found there with more being added all the time. Some Field Trip outings and all Programs are posted on the NPSO Meetup - Portland Chapter page at <a href="https://www.meetup.com/NPSO-Portland/">https://www.facebook.com/npso.portland/</a>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <a href="https://www.facebook.com/npso.portland/">https://www.facebook.com/npso.portland/</a>. Chapter Members also receive the monthly or bi-monthly "Calochortus" eNewsletter by email with Chapter Field Trips, news, and events in the Metro area. If you are not receiving the eNewsletter currently, check your Spam folder. Let us know if you changed your email address by sending it to po\_president@npsoregon.org.

**PROGRAMS:** The Portland Chapter meets the second Thursday of most months. Meetings begin at 7:00 p.m. and end by 8:30 p.m.

**MEETING PLACE:** TaborSpace at Mt. Tabor Presbyterian Church, 5441 SE Belmont St., Portland. We meet in the lower level dining room for April and May during remodeling; enter the church by the main door on Belmont St. and turn right to go down the stairs to the Dining Room.

#### <u>Siskiyou</u>

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. 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. Join us on Facebook at: <a href="https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon">https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon</a>

\*All April programs have been canceled!

Save the Date: July 4th Wildflower Show in Ashland, Oregon

#### Umpqua Valley

Visit <u>umpquavalleynativeplants.com</u> for more information on chapter activities or to be added to our email list. Check out our Facebook page, <u>www.facebook.com/UmpquaValleyNPSO</u>. Not online - call Donna Rawson 541-643-0364.

We meet in Roseburg then carpool or caravan to destination. If you plan to participate, you must RSVP Rod Trotter 541-672-1907 or Donna 541-643-0364 to confirm your participation. Plans can change on short notice due to weather or flower bloom. NOTE: Many field trip destinations offer no facilities. Umpqua Forest Service advises to protect yourself from mosquitoes in the high country this time of year.

\*We are organizing a monthly work party for landscape maintenance of the three native plant gardens we are continuing to enhance. If you like to work with plants and have some flexible time we could use your help. Contact Donna at 541-643-0364 (call or text).

#### Willamette Valley

For program information, contact John Savage at 503-779-5414, john@straubcenter.org.

\*All April programs have been canceled!

#### 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. Find us on Instagram at <u>instagram.com/wm.cusick.chapter</u>. Our website is not currently functional.

#### **NPSO State Officers**

- President: Lisa Blackburn, president@npsoregon.org
- Immediate Past President: Kelli Van Norman, past\_president@npsoregon.org
- Vice-president: Thea Jaster, <u>vice-president@npsoregon.org</u>

- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Cyndi Dion, treasurer@npsoregon.org
- Directors: Dan Luoma, Karl Anderson, Stephen Meyers, Gail Baker, Jason Clinch, Sarah Ratay

#### **Committees & Chairs**

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

Chapter Presidents and contact information can be found here.



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