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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

August/September 2018

Volume 51, No. 7

Welcome to the e-Bulletin!

While we are looking for a permanent editor, the Bulletin will be published as an e-newsletter. Welcome to the first edition! Please note that when the new NPSO website is functional, the Bulletin will be adding new features that will increase the functionality of this e-newsletter. Also, 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. If you have any questions, please contact us at bulletin@npsoregon.org.



Skyrocket or Scarlet Gilia
(*Ipomopsis aggregata* ssp. *aggregata*)

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2018 Annual Meeting Recap:

By Susan Saul



Brown's Peony (Paeonia brownii) on Lookout Mountain, June 2, 2018.

One-hundred twenty registrants attended the NPSO Annual Meeting held on June 1-3, 2018, in Prineville, Oregon. Joint hosts were the Portland Chapter and the High Desert Chapter.

The host chapters chose Brown's peony (*Paeonia brownii*) as the botanical mascot for the meeting. It is a common, even abundant, species in appropriate habitats in the Ochoco Mountains. Brown's peony, also known as western peony, is a low to medium height, herbaceous perennial flowering plant in the family *Paeoniaceae*. It grows in open, dry ponderosa pine forests, in sagebrush, and in aspen stands at higher elevations where winters are long and cold and the growing season is short. It likes upland prairie on basalt-substrate close to conifer stands. Brown's peony decorated the souvenir bandannas and baseball caps created for the event.

The Annual Meeting began with eight Friday afternoon field trips to destinations on the Ochoco National Forest, Crooked River National Grasslands, Deschutes Land Trust preserves, and Bureau of Land Management federal lands. The weather was gorgeous and although the Pacific Northwest was experiencing an early, dry spring, field trip participants saw lots of wildflowers blooming.

On Saturday, we had ten all-day field trips that ranged from moderate hikes at a botany pace to driving tours with roadside stops on the Ochoco National Forest, Crooked River National Grasslands, The Nature Conservancy's Juniper Hills Preserve, Deschutes Land Trust preserves and Bureau of Land Management lands including the Badlands Wilderness. It was another gorgeous day in central Oregon with a moderate breeze to keep everyone comfortable.

We finished off the weekend on Sunday morning with a concurrent state board meeting at Meadow Lakes Golf Course and six half-day guided field trips, many repeating

destinations from Friday but also adding Crooked River Ranch's native plant interpretive garden and a hike to Steelhead Falls on the Deschutes River.

All field trips were a success. Although some grassland and sage steppe destinations were drier than anticipated, everyone was able to find plants to view and enjoy. A few participants were treated to blooming mountain lady's-slippers (*Cypripedium montanum*) and several field trips saw Brown's peony in flower. Hearty thanks go to our field trip leaders whose mainly volunteer services made the Annual Meeting such a success: **Marilynne Keyser** (Friends and Neighbors of the Deschutes Canyon Area), **Willow Elliott**, **Roger Brewer**, **Jill Welborn** (Botanist, Ochoco National Forest), **Nancy Chapman**, **Carol Moorehead** (Deschutes Land Trust), **Stu Garrett**, **Ron Klump**, **Jan and Dave Dobak**, **Berta Youtie**, **Brooke Gray** (Juniper Hills Preserve Steward), **Cindy Roche**, **David Miller** (Deschutes Land Trust), **Jenifer Ferriel** (Forest Botanist: Deschutes and Ochoco National Forests & Crooked River Grasslands), **Linda Vorobik**, **Paul Slichter**, and **Susan Saul**. They dedicated time, energy, and skill to scouting and leading their trips.

Our indoor venue was Meadow Lakes Golf Course and Restaurant in Prineville, which catered our meals and provided the meeting space. The Friday evening program was presented by **Sarah Cuddy**, Ochoco Mountains Coordinator for Oregon Wild, who gave an enthusiastic introduction to the Ochocos. Our Saturday evening speaker was **Terry Holtzapple**, retired archaeologist for the Ochoco National Forest, the Crooked River National Grasslands, and the BLM Prineville District. Her presentation was "The Ochoco Mountains: A Cultural Landscape." Terry shared some of her ethno-botany knowledge from working with the four neighboring Native American Tribes that consider the Ochocos to be part of their traditional use area.

Due to space limitations at Meadow Lakes Golf Course and Restaurant, we were only able to accommodate three vendors: Friends and Neighbors of the Deschutes Canyon Area, Tanya Harvey, and Linda Vorobik, who offered native-plant themed items, books and art for sale. Linda generously donated a percentage of her sales to the High Desert Chapter.

The Annual Meeting Organizing Committee was chaired by **Alix Danielsen**, president of the Portland Chapter, who kept us organized and on track. Alix also booked the arrangements with Meadow Lakes Golf Course and Restaurant and kept us on budget. **Jan and Dave Dobak** offered their home as our meeting space and volunteered to take on the monumental task of handling registration and financial accounting. Dave also managed the web pages for the meeting. **Paul Slichter** took on the equally monumental task of identifying and scouting the field trips, recruiting and coordinating leaders, writing descriptions of the trips to help registrants make their choices, and preparing plant lists for all the trips. **Jason Clinch** handled the ordering for bandannas and caps while **Susan Berger** found an artist to provide the logo art. **Linda Hardie** recruited and assisted the vendors. **Susan Saul** and **Willow Elliott** recruited the speakers. Willow Elliott handled arrangements with the Forest Service, BLM, and the Eastside Church to use their parking lots for field trip carpooling. **Susan Saul** wrote all the articles for the Bulletins and some content for the web pages. **Roger Brewer**, **Ron Klump**, **Nancy Chapman**, and **Berta Youtie** also participated on the organizing committee.

The weather was perfect - no thunderstorms! The flowers and views were marvelous, and the camaraderie of sharing it all with fellow NPSO members was the best!

FIELD TRIPS RECAP:

Friday

Baneberry Trail (Ochoco National Forest) Leader: Susan Saul

Chimney Rock (BLM) Leader: Marilynne Keyser (Friends and Neighbors of the Deschutes Canyon Area) Assistant Leader: Willow Elliott

Gray Butte (Crooked River National Grasslands) Leader: Roger Brewer

Big Summit Prairie (Ochoco National Forest) Leader: Jill Welborn (Botanist - Ochoco NF), Assistant Leader: Nancy Chapman

Coffer (Bella) Ranch (Deschutes Land Trust) Leader: Carol Moorehead & DLT Assistant

Ponderosa Loop Trail #810 at Bandit Springs (Ochoco National Forest) Leader: Paul Slichter

Pine Ridge (Crooked River National Grasslands) Leader: Stu Garrett

Bingham Prairie Meadows at Twin Pillars Trailhead (Ochoco National Forest) Leader: Ron Klump

Saturday

Maury Mountains (Ochoco National Forest): Leaders: Jan and Dave Dobak

Juniper Hills Preserve (The Nature Conservancy, Oregon) Leaders: Berta Youtie & Brooke Gray (Juniper Hills Preserve Steward)

Line Butte Trail #807 (Ochoco National Forest) Leader: Ron Klump, Assistant Leader: Cindy Roche

Big Summit Prairie Scablands (Ochoco National Forest) Leader: Jill Welborn (Botanist, Ochoco National Forest)

Whychus Canyon Preserve (Deschutes Land Trust) Leader: David Miller and DLT Assistant

Twin Pillars North (Ochoco National Forest, Mill Creek Wilderness) Leader: Roger Brewer

Lookout Mountain: Motherlode Trail (Ochoco National Forest) Leader: Susan Saul

Badlands Wilderness, Millican Valley & Dry Canyon (BLM) Leader: Stu Garrett

Alder Springs Trail #855 & Squaw Flat (Crooked River National Grasslands) Leader: Jenifer Ferriell (Forest Botanist: Deschutes and Ochoco National Forests & Crooked River Grasslands)

Steins Pillar Trail (Ochoco National Forest) Leader: Paul Slichter

Sunday

Steelhead Falls and Crooked River Ranch Native Plant Interpretive Garden Leader: Marilynne Keyser (Friends and Neighbors of the Deschutes Canyon Area); Assistant Leader: Willow Elliott

Ponderosa Loop Trail #810 at Bandit Springs (Ochoco National Forest) Leader: Roger Brewer

Juniper Hills Preserve (The Nature Conservancy, Oregon) Leader: Stu Garrett, Assistant Leader: Cindy Roche

Big Summit Prairie (Ochoco National Forest) Leader: Paul Slichter; Assistant Leader: Susan Saul

Chimney Rock (BLM) Leader: Ron Klump

Steins Pillar Trail (Ochoco National Forest) Leader: Linda Vorobik

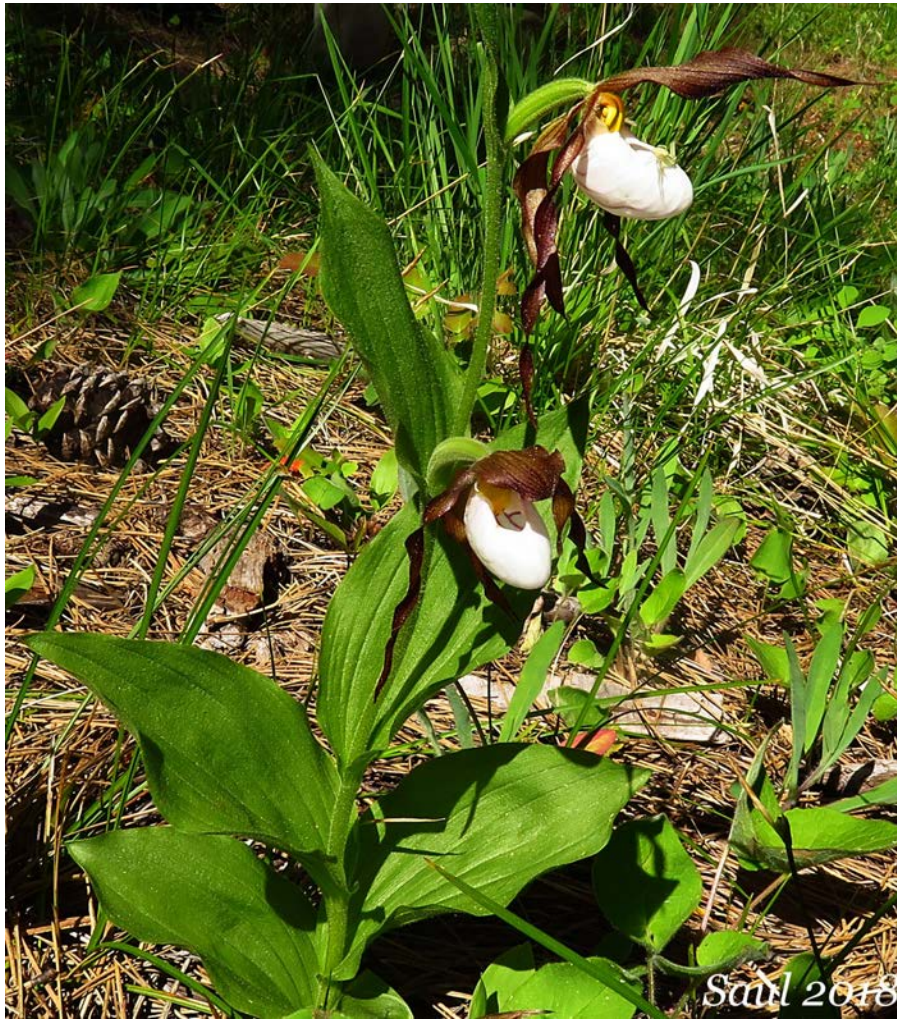
All photographs by Susan Saul



Tanya Harvey photographed a Brown's Peony while Nancy Bray observed, Lookout Mountain, June 2, 2018.



Gail Baker photographed a Brown's Peony on Lookout Mountain, June 2, 2018.



Some field trips had the opportunity to view and photograph Mountain Lady's-slipper (Cypripedium montanum), June 2, 2018.



Saul 2018

Field trip leader Marilynne Keyser at the carpool meeting location, June 3, 2018.



Saul 2018

Field trip group gathered at Big Summit Prairie, June 3, 2018.



Field trip leader Paul Slichter described how to identify Cusick's Paintbrush (*Castilleja cusickii*) at Big Summit Prairie, June 3, 2018.



Cusick's Paintbrush (*Castilleja cusickii*) at Big Summit Prairie, June 3, 2018.

Don Jacobson Photos:

Stein's Pillar:

<http://donjacobsonphoto.com/SteinsPillar/SteinsPillar.html>

Lookout Mountain Loop:

<http://donjacobsonphoto.com/LookoutMtn/LookoutMtn.html>

Chimney Rock

<http://donjacobsonphoto.com/ChimneyRock/ChimneyRock.html>

Ponderosa Loop:

<http://donjacobsonphoto.com/PonderosaLoop/PonderosaLoop.html>

Big Summit Prairie:

<http://donjacobsonphoto.com/BigSummit/BigSummit.html>

2018 IAE/NPSO Intern Report

Impacts of grazing and disturbance on *Astragalus mulfordiae*

By: Mary McKean and Michelle Yasutake; 2018 IAE/NPSO Conservation Research Interns

Survival in the high desert is no easy feat - and yet, life not only persists, but thrives, in the arid climate of the Snake River Plain. Braving high winds, frequent drought, and winter snowpack, plants native to the foothills of eastern Oregon and southwestern Idaho have developed a striking array of adaptations that allow them to be successful. One such plant, *Astragalus mulfordiae* (Fabaceae, Mulford's milkvetch), is able to endure this climate with its deep-reaching taproots and the longevity of its seed bank. A perennial herb low in stature, Mulford's milkvetch is characterized by its three-faced seed pods and small whitish flowers that bloom from April to mid-June (Figure 1). Mulford's milkvetch can be found only in the Owyhee Uplands of eastern Oregon to the Boise Foothills of western Idaho, where it prefers the loose, sandy substrate of the shrub-steppe and desert-shrub communities. In recent years, anthropogenic disturbance has become a major threat to this species. Mulford's milkvetch is currently listed as a Sensitive Plant Species by the USDI Bureau of Land Management, a Species of Concern by the United States Fish and Wildlife Service, and endangered by the state of Oregon Department of Agriculture (ORBIC 2013). Within Oregon, there are only 29 documented populations and a total metapopulation size of less than 12,000 individuals (ORNHIC 2009).



Figure 1. *Astragalus mulfordiae* (Mulford's milkvetch) in fruit.

Within just a century, the landscape of the Owyhee Uplands has changed dramatically. A high desert region once characterized by sagebrush plateaus incised with steep river canyons, the Owyhee Uplands are now subject to increasing human development. Roadways, hiking trails, OHV (off-highway vehicle) terrain, and widespread agricultural and cattle grazing operations all pose threats to the success of many native species, including Mulford's milkvetch. Additionally, competition with exotic plant species, such as *Agropyron cristatum* (crested wheatgrass), *Chondrilla juncea* (rush skeletonweed), and *Bromus tectorum* (cheatgrass), may also be impacting native plant populations. These problems may be further exacerbated by climate change related issues, as competition with exotic species appears to be particularly problematic in areas that have recently burned and/or are heavily grazed.

In order to better understand the threats to Mulford's milkvetch, the Institute for Applied Ecology (IAE) began monitoring populations of the species in the Owyhee Uplands of eastern Oregon in 2008. Working in cooperation with the Vale District of the Bureau of Land Management (BLM), IAE set out to document long-term trends in population size and structure of Mulford's milkvetch, as well as its associated plant community. More specifically, this research aimed to document the effects of grazing and disturbance on population success, and determine the role of climatic variation in observed differences in population size and reproduction. In order to form any long-term correlations between plant success and climatic variation, ten years of sequential data must be collected. The hope for this study is that data collected can provide agencies with valuable information to help inform listing decisions, as well as management decisions regarding livestock grazing, and recovery plans.

In 2018, IAE's Conservation Research (CR) crew traveled to the Vale District, BLM in eastern Oregon to contribute to data collection efforts. Within this region, long term demography plots have been established at five locations with known populations of Mulford's milkvetch. In order to test whether or not livestock grazing is affecting the success of the plant, half of the 1m² plots have been caged to prevent grazing, while the other half were left uncaged as a control (Figure 2). At each site, we counted and mapped the location of every individual milkvetch plant within each plot, as well as measured the diameter of the plant, length of the tallest stem, number of fruits, and any evidence of grazing on the plant. Tracking individual plants over time can help to determine the health and reproductive success of the species as a whole. Additionally, each site has one 20m² plot in which we collected plant community information and ground disturbance data in the hopes of determining the main competitors to Mulford's milkvetch, as well as understanding any prominent disturbance threats.



Figure 2. Caged (left) vs. uncaged (right) demography plots.

Over the years, our team has not observed any clear impacts from grazing. We have, however, seen highly variable changes in Mulford's milkvetch populations from year to year in the number and size of plants, and the amount of reproductive seed pods present, with a general trend of decline at all of our study sites. These findings may suggest that a factor other than grazing is contributing to the observed decline in Mulford's milkvetch. One such factor may be competition. In recent years, our team has observed an increase in the presence of exotic species at all of our sites, namely *B. tectorum* (cheatgrass). This species can be problematic due to its competitive ability, its high annual seed production, its successful seed dispersal mechanism, and by increasing fuel loads. This issue is concerning due to the fact that, in recent years, we have also observed a drier climate than long term precipitation normals. A drier climate, coupled with a heavy fuel load, could increase the risk and severity of wildfires that could potentially be detrimental to many native species, including Mulford's milkvetch. However, further monitoring is necessary to better understand these climate trends, as well the plant community interactions.

Going forward, we are extremely interested to see if the data that we collected in 2018, and data collected in the future, will follow trends that we have observed thus far. It is imperative that monitoring of this species continue in order to better understand climatic variation and any other factors that may be affecting the population success of Mulford's milkvetch. As interns with IAE, our work with Mulford's milkvetch was only one of the many invaluable opportunities we had to expand our knowledge of the scientific process and contribute to the conservation efforts for many sensitive species. We will be forever grateful to all of our mentors at IAE, the NPSO for helping to fund our work, and the greatest lead a crew could ask for, Lisa Schomaker. It is our hope that the research we contributed to this summer will help to inform and support management plans that will help keep Mulford's milkvetch populations and other native species intact for generations to come



Figure 3. IAE interns Sebastian McCauley (left), Mary McKean (center), and Michelle Yasutake (right) monitor Mulford's milkvetch at South Alkali Area of Environmental Concern (ACEC) near Vale, OR.

References

- Oregon Biodiversity Information Center. 2013. Rare, Threatened and Endangered Species of Oregon. Institute for Natural Resources, Portland, Oregon. 111 pp.
- Oregon Natural Heritage Information Center. 2009. Oregon Threatened and Endangered Plant Field Guide. http://oregonstate.edu/ornhic/plants/view_plants2.php. Accessed: 03/18/2009.
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State & Chapter Notes

State Notes/Announcements:

State Board Meeting - the next State Board Meeting is scheduled for October 13th in McMinnville.

Membership News - We are in the process of changing our membership management program. Since 2003, we have tracked all your address changes and membership renewals on a wonderful Microsoft Access database created by Clay Gauthier. We currently have over 700 members!

Our new system, on Paid Membership Pro, will be accessible from our new website, and will offer you the opportunity to maintain your own membership profile. If all goes as planned, we'll send you an invitation to access your account with the next e-Bulletin.

In the meantime, please share this information: if you know of any members who have not received this August-September e-Bulletin, it may be because we do not have their email address. Have them contact membership@npsoregon.org.

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.

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

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.

Aug. 25 and Sept. 22

Saturdays, 9 to noon

Work Parties: Native Plant Garden at McMinnville Public Library

Spend a couple hours between 9 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 or [503-435-2401](tel:503-435-2401).

Sept. 27, Thursday, 6:45 to 8:45 pm

Program: From Extinction to Recovery: Golden Paintbrush in the Willamette Valley
Tom Kaye, director of The Institute for Applied Ecology, will give a presentation on efforts to reintroduce *Castilleja levisecta* (golden paintbrush), to the Willamette Valley. The Institute is involved in several projects to restore our wetlands and upland prairies. Reintroduction of rare and endangered species requires: 1. Developing successful methods for seed germination and plant propagation, 2. Field studies on success of direct seeding vs. transplants, and 3. Monitoring to evaluate site preparation strategies and the best micro-sites for planting.

Corvallis

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

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.

Date: September 17th, 7:00 p.m.

Venue: Amazon Community Center, [2700 Hilyard, St. Eugene, OR](#)

Program: Rare, Threatened and Endangered Plants of Lane County

Charlene Simpson, a founding member of Emerald Chapter and retired co-chair of the R & E Committee, uses a lovely slide show to tell us stories of Lane County species losses, gains, and near misses. Charlene illustrates her program with images from her photo library accumulated over 45 years.

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.

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

Suttle Lake Tree Hike, August 18, 9:00AM

As summer winds down, we have fewer wildflowers to look at - but our trees and shrubs are still leafed out and the forest is still full of interesting plants to investigate! We will be traveling to a transition area between east and west side forests to learn a little more about the woody side of our landscape. Join hike leader, Rebecca Franklin PhD and COCC professor and dendrochronologist, at Suttle Lake to look up into the canopy overhead, brush up on our dendrology and learn about the trees and shrubs of Central Oregon.

Which of our tree species is useful for making wooden stringed instruments? Which tree species have we used to create a natural archive of fire history for our state? What comprises the rich assemblage of trees found at Suttle Lake? Join us and find out.

Where: At the trailhead at Cinder Beach Day Use Area at 9 AM

Carpool: Meet at the parking lot in front of Starbucks Coffee at the Cascade Village Shopping Center in Bend at 8:00 AM

What: Expect frequent stops on an approximate 3-mile hike around the lake

Bring: Lunch, water, plant books, etc.

Trip limited to 10 people. No pets. Open to chapter members first. If we don't get 10 participants we will open up this hike to anyone.

Reservations and waiver: NPSO chapter field trips require a reservation. Register by sending an email to Rebecca Franklin at rfranklin@cocc.edu with the number in your group by August 1. YOU MUST PRINT OUT AND BRING a signed waiver. You can find the waiver here: www.highdesertnpsoregon.org/calendar1.html. Towards the bottom of the page is a green button labeled "Field Trip Waiver."

Seed Extractory Tour

When: Fri, September 21, 2:00pm - 3:30pm

Where: [63095 Deschutes Market Rd, Bend, OR 97701 \(map\)](#)

Description: Tour the Bend Seed Extractory located at the Deschutes National Forest office. A facility of the US Forest Service, Pacific Northwest Region, the extractory is dedicated to seed and only seed. The facility provides a variety of services to public agencies across the United States. We extract, process, test, package and store seed for more than 3,000 different species and our seed lots vary from a few tablespoons to thousands of pounds. MORE DETAILS TO COME ABOUT PARKING, ETC.

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.

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 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.

Date/Time: August 11th

Trip/Location: Mt. Hood Meadows Chairlift

Leader: Mary Vogel

Description: This hike uses the Mount Hood Meadows chair lift (\$10 for the day) to quickly gain the high mountain meadows for stunning displays of a wide variety of alpine flowers. From the chairlift, hike west. When the wildflowers have dried out every place else this is the place to go for stunning views of the high mountain meadows. Some of the most accessible and spectacular displays are on the Mount Hood Meadows ski slopes where a widely diverse panorama of alpine flowers bloom in this late season. In addition, Mount Hood Meadows now operates a chair lift to the top of the slope on weekends during the month of August. Sign up on the new NPSO Meetup page at www.meetup.com/NPSO-Portland or contact Mary at mary@plangreen.net.

Date/Time: September 29th

Trip/Location: True Firs

Leader: Rick Shory

Description: Led by Rick Shory, who has worked throughout the West as a Forest Service botanist. Location: near Government Camp, Oregon. A little known botanical quirk creates a unique learning opportunity near Portland. The four species of "true" fir (Abies) in the Northwest can be confusing. There is only one small area southeast of Mt. Hood where they all grow together, making comparison easy. Come learn this important genus of conifers, how to distinguish the species and tell them apart from other trees. Very easy hike, just back and forth on river trail and paved road a quarter mile, but you can make it a longer walk if you wish. Leave at 9:00 am, from near Gateway MAX station, SW corner of NE Multnomah Street and NE 99th Ave, by Gateway Medical Pharmacy. Or meet on site at 10:30 am. Round-trip from downtown Portland, about 140 miles. Sign up on the new NPSO Meetup page in September at www.meetup.com/NPSO-Portland or contact Rick Shory at rickshory@gmail.com or 503-253-8100 to sign up for the hike and for the exact site.

October 11th, 7:00pm

Program: Ever Wild: a Lifetime on Mount Adams

The twin brothers Darryl and Darvel Lloyd, avid outdoorsmen and co-founders of Friends of Mount Adams in WA, will share their personal stories spanning seven decades. Darryl will present his long awaited book by the same title as the Program, capturing the botany, geology, geography, human history and calling for protection of the North Cascades peak. Darryl's stunning photography taken from the air and on foot will be a highlight - the lush meadows, ancient forests, boulders, and glaciers of the mountain note the stewardship the Lloyd brothers have undertaken over their lifetimes. The book will be for sale at the event open to the public for \$30 by check or cash sales only.

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. 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. Join us on Facebook at:

<https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>

Local Wildfire Ecology in our Watershed

Saturday, August 11th

Time: 9am-3pm

Join Siskiyou Chapter of the Native Plant Society of Oregon and KS Wild for a loop hike around Grizzly Peak with fire ecologist, Dennis Odion, to observe the necessary impacts wildfire has in our local watershed. We'll examine wildflowers along the way and soak up views of Mt. Shasta, Pilot Rock, Mt. Ashland. Carpool from NW Nature Shop at 8:45am or meet at the Grizzly Peak Trailhead at 9am. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

Little Duck Lake and the Miracle Mile

Saturday, September 8th

Time: Meet at Duck Lake Trailhead at 8:30am

Join Katelyn on a hike through diverse habitats and elevations to Little Duck Lake in the Russians Wilderness. Home to one of the richest conifer assemblages on earth, the famous Miracle Mile is documented to have 17 different species of conifers and hundreds of other vascular plants living in one square mile. Conifer species we'll be searching for include foxtail pine, whitebark pine, western white pine, Jeffrey pine, ponderosa pine, lodgepole pine, sugar pine, white fir, Shasta fir, subalpine fir, Engelmann spruce, Brewer spruce, mountain hemlock, Douglas-fir, Pacific yew, incense-cedar, common juniper and western juniper. The hike is 11 miles round trip. For more information or to sign up please contact Katelyn Detweiler at Detweiler.katelyn@gmail.com.

Talk: TBD

Thursday, September 20, 2018

Save the date for the first meeting of our 2018-19 meeting season! The speaker is yet to be determined but we guarantee an excellent start to the season. 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 or [860-878-2049](tel: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 541-643-0364.

Willamette Valley

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

Saturday, August 11—9 a.m-5 p.m.

Field Trip: Anvil Lake Hike

Straub Environmental Center educators and members of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead an all-day hike to view the wildflowers of Anvil Lake. This 2.6 mile roundtrip hike (with light elevation gain) passes through old-growth forest, the beautiful Black Wolf Meadows, and ends at a secluded lake. Discover moisture-loving wildflowers such as bog laurel and King's Gentian and taste wild huckleberries! Bring a sack lunch, water, appropriate foot gear, and clothing.

Location: Meet at the Willamette Heritage Center parking lot (1313 Mill St. SE, Salem, OR 97301) at 9:00 a.m. Transportation will be provided to-and-from the trailhead.

Cost: \$5 for Native Plant Society of Oregon members; \$10 for non-members. Space is limited to ten participants ages 12-adult. Pre-registration is required. To register and for more information, email John Savage at john@straubcenter.org or call 503-779-5414.

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

Kalmiopsis Authors Wanted!!

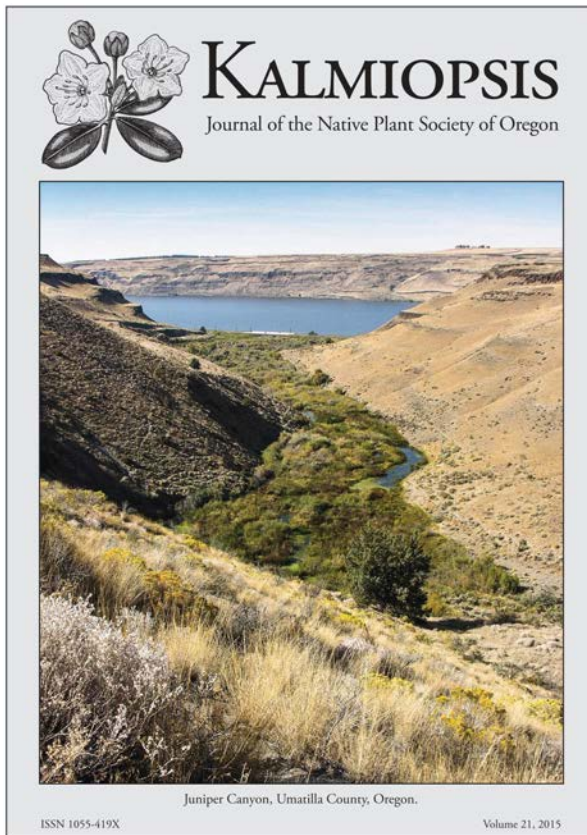
By: Cindy Roché and Kareen Sturgeon

Overheard at the 2018 Annual Meeting: “We really miss our NPSO journal, Kalmiopsis.”

Response from the Publication Committee: “We are ready to revive it, but we need YOU to step up and write for it.”

No idea what to write about? We’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, its distribution, ecology, and reproductive biology. Tell us how to identify it and anything else you discover. Voilà, a **Plant of the Year** article.

Feeling a little more ambitious? Describe one of your favorite haunts in Oregon to botanize. Tell us 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 botanists? It's a shame if the people who shaped the botanical history of Oregon are forgotten. Researching their lives can be a fascinating project. If you need suggestions, let us know.

More interested in the present? Tell us about your passion, maybe it's conserving a rare plant habitat or restoring native communities on disturbed sites, or something that the rest of us don't know about. Don't keep it to yourself. Perhaps you'll inspire others to take action for native plants.

Let us know if you can help breathe new life into Kalmiopsis, and we'll

send you a copy of the Instructions for Authors. We are hoping to hear from you soon.

[OregonFlora](#)



By: Dr. Linda K. Hardison
Director, [Oregon Flora Project](#)

Friends of OregonFlora, here's what OregonFlora has been doing over the summer:

Sending the manuscript for Flora of Oregon Volume 2 to the publisher this year is still on target. All but a dozen of the 1,678 floristic treatments (descriptions, distributions, and

identification keys) are completed. This volume will cover plants in the dicot families Adoxaceae through Fagaceae and includes large groups such as the sunflower family (Asteraceae; almost 12% of our flora!), mustards (Brassicaceae), pinks (Caryophyllaceae), and legumes (Fabaceae). Drafts of the front chapters, covering plant-insect interactions and gardening with natives, are in the works.

OregonFlora also participated in events celebrating National Pollinator Week in June: perhaps you saw our table at the Oregon Zoo Pollinator Celebration, or at the lovely Dancing Oaks Nursery and Gardens.

This is the second year we participated in Farwest, Oregon's green industry trade show. Our increasing contributions to knowledge about using native species in cultivated settings make this a great opportunity to share our program with the industry.

We continue work to get our Symbiota-based website ready for the public. Consequently, we are postponing releasing new images and other data; we appreciate your patience.

We are applying the extensive OregonFlora dataset by studying ways to integrate native plants and their habitats into working agricultural lands. With a recent NRCS Conservation Innovation Grant from NRCS, we will be looking at ways to prepare and maintain pastures and wet prairies through site preparation, seeding, and selective use of grazers.

Your financial contributions allow us to accomplish these amazing activities! Please add your support: donations can be made online (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 "OFP" on the memo line.



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