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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

July 2019

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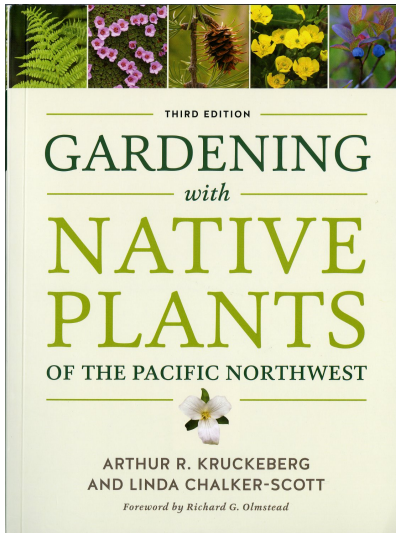
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If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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## Book Review - *Gardening with Native Plants*



### **Gardening with Native Plants of the Pacific Northwest Third Edition**

Arthur Kruckeberg and Linda Chalker-Scott. 2019. University of Washington Press, Seattle, Washington. ISBN 978-0-295-74415-5 374 pp. Softcover. \$35.00

Three and a half decades ago, Art Kruckeberg shared his passion for cultivating native plants in *Gardening with Native Plants of the Pacific Northwest*. At that time, good references on this topic were scarce and his book filled a gap between the desire to grow natives and the knowledge of how to do so. Much has changed since publication of that first edition, indeed since the second edition in 1989. Interest in growing natives has grown exponentially, starting with roadside beautification and wetland restoration and expanding into home gardens, parks and street side “hell strips.” Pollinator support has shifted awareness to hardy native plants that provide habitat as well as nectar and pollen for native insects. Water restrictions and wildfires have generated interest in drought-tolerant and fire-resistant natives.

The contents of this third edition are organized into seven chapters, preceded by an introduction. Sami Gray managed the layout of this edition, with the goal of illustrating every habitat and each species with a photo. She succeeded by enlisting 80 photographers from throughout the Pacific Northwest, including both of us. All references to wild collection of native plants have been removed; many species are now available as plants or seed from commercial sources. The introduction chapter discusses plant names, the options one encounters in plant nurseries (natives, varieties, cultivars and hybrids), and uses of native plants in gardens and landscapes. The icons used throughout the book for habitats are explained here, so don’t skip over this chapter. Chapters two and three are new to this edition and review garden ecology and science,

covering basic knowledge needed by anyone growing native plants.

Chapters three through seven introduce trees, shrubs, perennial forbs, graminoids, and annuals. The nomenclature was updated to the newly published second edition of the Flora of the Pacific Northwest. The original edition described about 250 species, this number was expanded to nearly 1,000. In each section, species are grouped by type (ferns, lilies and irises, etc.) then alphabetically by genus, making them easy to locate, or sorted by height, a layout that will appeal to gardeners looking for plant solutions for specific spots. Habitat icons help the reader decide which species to try, and which to avoid based on the likeliness, or not, of delivering the proper habitat conditions in one's home garden. Rock garden selections are featured in several sections. One native endemic shrub was mentioned, queen-of-the-forest (*Filipendula occidentalis*), a lovely shrub that is often overlooked in regional field guides.

Perennial forbs (wildflowers) are allotted the most space (40 pages), while trees and shrubs share about equal coverage, 24-26 pages. Much less space is devoted to grasses and grass-like plants (13 pages) and annuals (4 pages). The latter was justified by a statement in the introduction: "unlike in California and the Southwest, there are few native annuals in the Northwest, and even fewer with any exceptional garden potential." But the light coverage of native grasses cannot be attributed to the same rationale, as the number of species offered by native plant nurseries far exceed the options mentioned in chapter six. Indeed, a major omission was a section on options for native grasses as low to no-mow turfs for replacing lawns. In the back, there is a new appendix listing plant societies and botanical gardens, along with a glossary, bibliography, index of subjects, and of common and scientific names.

There appears to be a rather heavy bias toward the west side of the Cascades, which isn't surprising since the authors and editors are all based in western Washington. It would be good if future editions created a little more balance for east and west recommendations. For example, potential problems should be mentioned when mixing native and nonnative plants in urban gardens of arid regions. Urban landscape substrates frequently have only a few inches of "topsoil" or compost added over heavily compacted fill material, forcing plants to depend on shallow roots. To compensate for the absence of deep roots, ornamentals are watered frequently, saturating the surface soil. Native plants in arid eastern Oregon often die in these conditions, either from overwatering (lack of permeability) or from drought (lack of rooting depth). In addition, recommendations for grasses east of the Cascades are less than they could be. For example, the statement "the tallest native grass in the Pacific Northwest surely must be giant rye grass (*Elymus canadensis*)" leaves me puzzled. The common name for *Elymus canadensis* is Canada wildrye; the tallest native bunchgrass is basin wildrye (*Leymus cinereus*), which is highly recommended for landscaping, but not even mentioned in the book. The most common grass referred with the common name squirreltail is *Elymus elymoides*, not *Elymus multisetus*. While both are excellent species for restoration, they are not particularly good garden plants because they readily self-seed and the awns are a nuisance for dogs. The book's roster of eastside grasses on pages 236-7 is equally misleading: *Buchloa* and *Bouteloua* are not native to eastern Oregon and Washington;

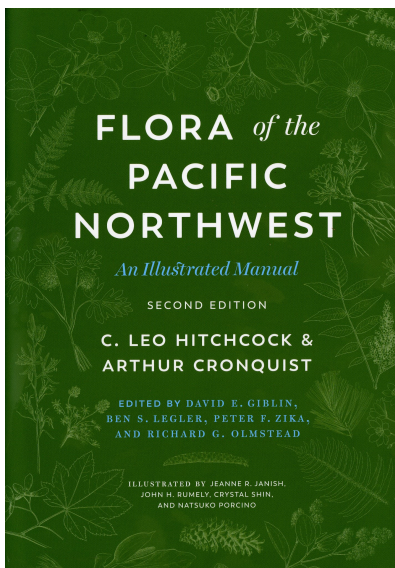
Grama (presented as a genus name) is the common name for *Bouteloua*; the genus name *Stipa* (now *Achnatherum* for our species) is listed, despite the statement in the preface that the book follows nomenclature of the Flora of the Pacific Northwest; *Poa* is such a large genus that it is nearly meaningless to list *Poa* spp.

Despite these criticisms, we recognize that offering plant selection advice on both sides of the Cascades, from the seashore to interior montane gardens, is a formidable challenge, given the variation in growing conditions in the Pacific Northwest. Without adding another fifty pages or so of habitat and climate details, this book provides succinct and visually gorgeous information to guide readers in growing native plants in home gardens. It's definitely worth upgrading to the new edition; it contains a wealth of recommendations.

– Kathleen Sayce, *Filipendula* Chapter and Cindy Roché, *High Desert* Chapter

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## Book Review - *Flora of the Pacific Northwest*



### **Flora of the Pacific Northwest, An Illustrated Manual, Second Edition**

C. Leo Hitchcock and Arthur Cronquist. Second edition edited by David E. Giblin, Ben S. Legler, Peter F. Zika, and Richard G. Olmstead. 2018. University of Washington Press, Seattle, WA. ISBN 978-0295742885. 936 pp. Hard cover \$75.

The *Flora of the Pacific Northwest* is the long awaited, fully updated, second edition of Hitchcock and Cronquist's 1973 classic botanical text for our region. This masterpiece has been revised to include current research in vascular plant systematics, including reorganized family structure and up-to-date name changes. It also includes over 1,000 newly described or documented native and naturalized non-native species, and an additional 1,382 illustrations.

The need for an update is obvious when one considers that 40% of the taxa in the first edition have new names. The scope of this update is enormous. The editors are to be congratulated, along with the many others who helped both in time and money. However, the revisions are not just in names and taxa. The editors' experiences in field taxonomy shines throughout the volume. To my surprise, the keys and descriptions were improved in ways that would only be possible by expert botanists well versed in the original edition.

I have been using the *Flora of the Pacific Northwest* with students for more than 30 years. Steven Yeager, Heron Brae, and I teach a 300-hour class that focuses heavily on field taxonomy as a skill. We read the family descriptions and keys out loud and define every term. I have compared keying in both versions for all the plants we identify in class, plus many more, for a total of over 100. The results exceeded all my expectations in that almost every plant keyed as well as or better than in the first edition. Many keys in new floras use computer-generated statistics to design couplets that separate out the highest number of taxa. Although this makes the key shorter, sometimes a distinctive, easy-to-see characteristic for a taxon is not mentioned until its description. Hitchcock and Cronquist realized that humans are good at seeing "which of these are not like the others," and often used couplets that easily separated distinctive species from the others, a process that works particularly well in condensed floras that do not include descriptions. The new version of their keys continues this approach. For example, on the first page of the family key, branch parasites and cacti are distinguished from other families by their unique characters, simplifying the rest of the key.

The new edition maintains the style of the original edition in which each couplet contains more than one characteristic and numbers are used instead of relative terms like large vs. small. The editors further improved the keys by selecting additional characters to couplets that were difficult in the first edition. For example, in the first lead, the new edition adds the character whether the keel is pubescent or glabrous, which quickly distinguishes *Collinsia sparsiflora* from other *Collinsia* species. This small addition makes a great difference in a couplet that was often difficult for me.

When we teach how to use the family key, after reading a family description, we teach supplemental information, such as particular terms and techniques for measuring floral parts specific to the family. The editors made our work easier by adding this information to the family descriptions (and other places, as needed). For example, the editors describe how to measure the corolla of a bilabiate tubular flower in the Lopseed Family (*Phrymaceae*).

We use the buttercup family to teach our students about flower morphology and how to recognize each of the four floral whorls. For example, students often mistake the showy sepals for petals. The revised key clarifies this common error, and shows a much-appreciated attention to detail.

Old version:

1a. Fl(lower) strongly bilaterally symmetrical, showy

1b. Fl(ower) nearly or quite reg(ular), often not showy

New version:

1a. Fl(ower)s strongly bilaterally symmetrical, sepals showy, > petals.

1b. Fl(ower)s radially symmetrical, sepals showy or not, petals various, occ(asionally) absent.

The authors also go to great trouble to help the reader understand technicalities not evident, or of concern, to non-professionals. For example, some new taxa are morphologically identical to, but differ genetically from, the original taxon. The authors describe the diploid variant of Youth on Age (*Tolmiea diplomenziesii*) and group it with the original taxon in the key. Also, the *Liliaceae* has been split to several new families, which is confusing at first. Along with keys for each of the new families, understanding that lilies in the traditional sense are easy to recognize as a group, the editors include a lily key that encompasses all the original taxa.

A current trend in contemporary keys is to use a simpler vocabulary, the “dumbing down” of botanical language. Academic botany is moving away from the traditional field approach; young botanists are immersed in genetics. Some newer keys are written primarily as checklists and descriptions of taxa, and the actual keys are of poor design. I have been told that within the next decade, keys will be obsolete. I guess we will have hand-held iPhone-size “gene-machines” that identify the plants for us. Thus, I was concerned that the rich vocabulary of the original *Flora of the Pacific Northwest* would be lost, as well as the skill of field taxonomy, much like the art of celestial navigation, “hands-on” physical assessment by doctors, and the language and music of indigenous cultures. With this second edition, the editors have re-vitalized and preserved the tradition of field taxonomy for the enjoyment of future generations.

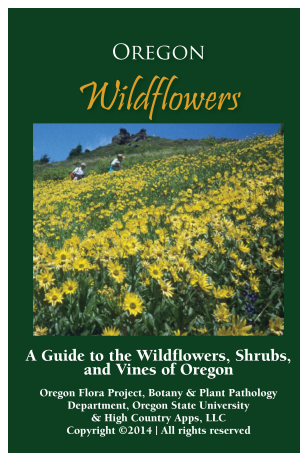
This book is the most up-to-date, comprehensive reference of vascular plants for the Pacific Northwest, except the southern part of Oregon where botanists will continue to use *The Jepson Manual* and the *Intermountain Flora* until the remaining volumes of the *Flora of Oregon* are published. Unlike field guides illustrated with color photos of flowers, this is a technical manual, replete with dichotomous keys, line drawings, and botanical terminology. The University of Washington Press website states it will be of interest to (and I would add “a must have” book for) “professional and amateur botanists, ecologists, rare plant biologists, plant taxonomy instructors, land managers, nursery professionals, and gardeners.”

– Howie Brounstein, *Columbines School of Botanical Studies, Emerald Chapter*



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

Warmer weather and longer days are here, meaning it's time to get outside and explore the local flora! The Oregon Wildflowers app is an excellent resource to help you identify flowering herbs and shrubs you may encounter anywhere in Oregon. There are 751 species in the app that occur in the Siskiyou Mountains ecoregion, making this a must-have for your outings at the annual meeting this year!



Drawn from information of the Flora of Oregon, each of the 1,000+ plants in the app have multiple photos, a distribution map, and a brief description. The app also includes information about the plant families represented—a great way to learn the plant diversity of our state.

Purchase a copy for your [iPhone](#), [Android](#), or tablet from links given here, or from the [Oregonflora.org](#) home page. A portion of the funds provide support for our program.

OregonFlora will be hosting a silent auction at the annual meeting. We hope you come prepared to bid generously in support of the work of OregonFlora, and take home some

treasures in doing so!

Contributions can be made online ([www.oregonflora.org/supportOFP.php](http://www.oregonflora.org/supportOFP.php)) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.

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## State & Chapter Notes

### **State Notes/Announcements:**

**State Board Meeting** - The next State Board Meeting is scheduled for July 14th, 9:00 am to 1:00 pm at the Annual Meeting (Pacifica: A Garden in the Siskiyou).

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### **Chapter Notes:**

#### **Blue Mountain**

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

#### **Cheahmill**

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org). Check out our Facebook page at [facebook.com/Native Plant Society of Oregon: Cheahmill Chapter](https://facebook.com/NativePlantSocietyofOregon).

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.

#### **Corvallis**

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

**Sunday, July 14th, 9:00 am**

**Field trip to Marys Peak with Phil Hays and Esther McEvoy**

Meet at the parking lot to the west of the Monroe Beanery at 9 am and we will return



mid afternoon. We will hike from the campground out into the meadow to the summit and back through the noble fir forest to the campground. Slow elevation gain and the total round trip is about 4 to 5 miles. Please bring appropriate hiking gear, water and we will car pool. For more information, contact Esther McEvoy at 541-754-0893, estherco@peak.org. Please leave furry friends at home.

**Saturday, July 20th, 8:00 am**

**Field Trip: Iron Mountain/Cone Peak Hike**

Spectacular wildflowers with over 200 species of vascular plants recorded across this botanically rich trail west of Santiam Pass. The all-day hike will be 5 miles through moderately difficult terrain. Bring good boots, lunch, and water. Due to logistical conflicts, this hike is later in the season than usual. Meet at 8 am at the OSU Wilkinson Hall parking lot SW of The Beanery on 26th and Monroe. Contact Dan, 541-752-8860, for details. Please leave furry friends at home.

**Sunday, July 28th, 10:00 am - noon**

**Work Party at the Avery House**

We will work on summer clean-up and weeding. Please bring water, gloves, trowel and bucket. For more information contact Esther at 541-754-0893.

**Emerald**

Our chapter meets the 3rd Monday at 7 pm, September through April, at the Amazon Community Center. Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

We want you! If you have leadership or coordination experience, are looking to build your resume, or enjoy sharing your knowledge of native plants, we want to hear from you! The Emerald Chapter is currently seeking officers to join our active board. Positions include president, vice president, secretary, and publicity and field trip committee chairs. If interested, please send an email to [em\\_president@npsoregon.org](mailto:em_president@npsoregon.org).

**September 16th**

Emerald Chapter celebrates 40 years. We've made a difference! Charlene Simpson & David Wagner will host. Meet founders, hear the stories, see a slide show, enjoy cake and beverages.

**WEDNESDAY, October 16th (note different date and day), 7 pm**

**Relationships between the Plant and Fungi worlds**

Daphne Stone will be the presenter followed by a "culinary mushroom experience" with chef Chad Hyatt. Co-sponsored with the Cascade Mycological Society. Meeting at the Amazon Community Center front room, closest to the parking lot w/the receptionist in the lobby.

**Filipendula**

For more information, visit our Facebook page: NPSO-Filipendula Chapter, or contact Field Trip Chair Carla Cole, [carlajeancole@gmail.com](mailto: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](mailto:carlajeancole@gmail.com).

**July 17th, Wednesday, 9:00 am - 1:00 pm**

**Streamside walk at Oswald West State Park**

Most visitors walk west to the ocean's edge. We will walk upstream along one of several streams, looking for low elevation *Filipendula occidentalis* plants and other coastal stream species. Meet in the main parking lot (by the restrooms) at 9 am to start. Wear boots and weather appropriate clothing; bring food and water. Hike organizer is Kathleen Sayce. Contact Carla Cole to sign up; her email address is [carlajeancole@gmail.com](mailto:carlajeancole@gmail.com).

**Saturday, August 17th, 9:00 am - 3:00 pm**

**Paddle trip on Cullaby Creek to see streamside submerged and emergent aquatics, sedges, herbs and shrubs.**

Meet at the south end of the county park, to paddle south. Bring your canoe or kayak, personal flotation device, appropriate clothes, water and food. Trip organizer is Carla Cole. Contact Carla Cole to sign up; her email address is [carlajeancole@gmail.com](mailto:carlajeancole@gmail.com).

**Friday, September 27th, 10:00 am - 3:00 pm**

**Hypertufa planters and Filipendula Chapter fall seed and plant swap, at Alder Creek Farm or Circle Creek, location TBA.**

We will demonstrate, and then you will make in a hands-on workshop, how to mix hypertufa and make and finish planters. Following this, the seed and plant swap will be held. Bring seeds and plants (natives only, please) to trade, plus lunch and water, heavy washing gloves, wear old clothes in case of cement smears. If you want to come home with your own bucket of perlite, peat and cement to do your next batch, please bring a 5 gallon bucket. Activity organizers are Kathleen Sayce and Jeff Roehm. Contact Carla Cole to sign up; her email address is [carlajeancole@gmail.com](mailto:carlajeancole@gmail.com)

**High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: Native Plant Society of Oregon: High Desert Chapter, or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com). Sign up for hikes at <http://www.highdesertnpsoregon.org/>.

**Central Oregon Wildflower Show**

When: Saturday, July 6, 10:00 am - 5:00 pm

Where: Sunriver Nature Center, 57245 River Rd, Sunriver, OR 97707, USA ([map](#))

Description: See wildflowers, grasses and shrubs on display.

In collaboration with the Sunriver Nature Center and High Desert Native Plant Society of Oregon.

### **Klamath Basin**

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

### **Mid-Columbia**

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

### **Portland**

Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hikes and other events as well as great plant pictures. All hikes and programs, plus many more hikes, are also posted on our Meetup page: <https://www.meetup.com/NPSO-Portland/>

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

**August 10th, 8:30 am - 4:30 pm**

**Trip/Location: Mt. Hood Meadows Chairlift**

**Leaders: Ron Klump & Nancy Chapman**

Description: This hike uses the Mt. Hood Meadows chair lift (\$10 for the day) normally taking skiers to the snowy slopes, to quickly access the high mountain meadows for stunning displays of a variety of alpine flowers. When the wildflowers have dried out everywhere else in Oregon, this is the place to go in the late season! Join us for fresh mountain air and a magical day on Mt. Hood. Carpools will leave Portland and Hood River to meet at Mt. Hood Meadows Ski Area off of Hwy 35. Contact Ron at [klumpron@gmail.com](mailto:klumpron@gmail.com) for more information on carpooling and to register.

**September 12th**

**Program: Friends of Baltimore Woods**

**Presenters : Caroline Skinner, Barbara Quinn**

Volunteer land stewards in a St. Johns neighborhood along the Willamette River have protected a narrow strip of remnant White oak savannah habitat abutting an industrial area. With a meadow planted with native plants after eradicating invasive species to planning the Willamette River Trail connection through the Woods all the way to Kelly Point where the Willamette joins the Columbia River.

### **Siskiyou**

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

**Saturday, July 27th, 10:00 am**

#### **Crater Lake Rim Trail**

Hike a portion of the Rim Trail at Crater Lake National Park with botanist, Elena Olsen. Keep an eye out for colorful penstemons, aromatic lupines and the Crater Lake currant, among other vibrant wildflowers. This will be a moderate hike (from ~7,000-8,000 feet) along the caldera rim with beautiful views of the lake. The hike will be about 4 miles round trip. Meet for a carpool to the trailhead at Rim Village at 10 am. A carpool will also be available from the Talent Rays at 8 am. For more information or to sign up please contact Katelyn Detweiler at [Detweiler.katelyn@gmail.com](mailto:Detweiler.katelyn@gmail.com).

**July 28th, 9:00 am - 3:00 pm**

#### **Hike to Bigelow Lake**

Bigelow Lake is a highlight of Oregon Caves National Monument in the high-country of the Siskiyou Crest. It is also one of the few easy-access, nearly pristine, cirque lakes in the Klamath-Siskiyou mountains. Wildflowers are likely to be in peak bloom along the trail and growing in wet meadows surrounding the lakes. This hike is a partnership with Oregon Native Plant Society and KS Wild. To sign up for more details including the carpool location and what to bring, please visit: <https://www.kswild.org/upcoming-events/2019/7/28/hike-to-bigelow-lakes-in-oregon-caves-national-monument>.

#### **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](http://www.facebook.com/UmpquaValleyNPSO). Not online - call Donna Rawson 541-643-0364.

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.

**Sunday, July 7th, 8:00 am - late afternoon**

#### **Field Trip: Hemlock Lake, North Umpqua River Watershed**

Enjoy a scenic short hike around Hemlock Lake and see a great variety of flora such as *Eurybia radulina* (formerly *Aster radulinus*, rough-leaved aster), *Penstemon cardwellii* (Cardwell's penstemon), and *Castilleja pruinosa* (frosted Indian paintbrush). Also includes stops of botanical interest on the way along Little River Rd. 1-1/2 hour drive from Roseburg. Moderate hiking. We may also visit Yatso Falls (USDA trail #1519). Bring lunch, water and camera. An alternate meet up location in Glide can be arranged.

**Sunday, July 14th, 8:00 am - late afternoon**

**Field Trip: Ragged Ridge, North Umpqua River Watershed**

If you missed the first trip this spring, you have another chance to join us for a Ragged Ridge return trip. Located up the North Umpqua River near Steamboat Creek above 3000' elevation. Participants will be treated to a tour of the Ragged Ridge-Dry Creek area. We will be looking for wildflowers blooming at that elevation. Easy walking. We may be off trail at times so wear appropriate shoes. Bring lunch and water and camera and dress for the weather. An alternate meet up location in Glide can be arranged.

**Sunday, July 21st, 8:00 am - late afternoon**

**Field Trip: Reynolds Ridge, back up the North Umpqua Hwy**

Reynolds Ridge is a favorite botanizing destination for chapter members. The area features high mountain meadows where the wildflowers are still blooming. Rod Trotter is our guide. An alternate meet up location in Glide can be arranged.

**Sunday, July 28th, 8:00 am - late afternoon**

**Field Trip: Donegan Prairie, Rogue/Umpqua Divide**

Donegan Prairie is located on the Tiller Ranger District about 20 miles East/South East of Tiller on the Rogue/Umpqua divide, elev. 5,000'. For a short hike to discover the sub-alpine meadows typical of the Rogue-Umpqua Divide, Donegan Prairie Trail #1431 can't be beat. Many species of wildflowers color the meadows during July and August, and delicious huckleberries appear in September. Bring cameras, field guides, water and lunch and plan to have a great day botanizing. Plants we have found there in the past are California globe mallow (*Illiamna lactibractata*), Umpqua swertia (*Frasera umpquaensis*) and tall bugbane (*Cimicifug elata*) in grass dominated meadows. We planned to meet at the Tiller Ranger Station at 9:00. Donegan Prairie Trail is an hour drive from Tiller. Donegan is a SIA (Special Interest Area) for the Cow Creek Tribe. It is a traditional area for Huckleberry gathering. Wildflowers are those that occur in a typical high elevation meadow habitat. The hike is about 3 miles one way (requires moving rigs) or a 6 mile loop.

\*\* 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](mailto:john@straubcenter.org).

**Sunday, July 14, 8:00 am - 5:00 pm**

**Field Trip: Echo Basin**

John Savage of the Willamette Valley Chapter of the Native Plant Society will lead a day hike to view the wildflowers along the Echo Basin trail in the Old Cascades. The 2.4-mile hike (600-foot elevation gain) features Alaskan yellow cedars, silver fir, hemlock, devil's club and a lush variety of woodland, meadow, and bog wildflowers. We may combine this walk with easy walks to Hackleman Grove and Fish Lake. Bring water, lunch, snacks,

and appropriate foot gear and clothing. Location: meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem at 8:00 a.m. Transportation will be provided to and from the trailhead. Cost: \$10 per person. Space is limited. Registration is required. To register and for more information, contact John Savage, [john@strauboutdoors.org](mailto:john@strauboutdoors.org) or 503-779-5414.

**Saturday, August 10th, 8:00 am - 5:00 pm**

**Field Trip: Dome Rock**

Aislinn Adams of the Willamette Valley Chapter of the Native Plant Society will lead an all-day walk to view the wildflowers and nibble on the ripe huckleberries on the Dome Rock trail near Detroit. The walk will cover 5-6 miles with elevation gain. Bring water, lunch, snacks, and appropriate footgear and clothing. Location: meet in the parking lot at the Willamette Heritage Center, 1313 Mill Street SE, Salem at 8:00 a.m. to carpool. Space is limited. Registration is required. To register and for more information, contact John Savage, [john@strauboutdoors.org](mailto:john@strauboutdoors.org) or 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](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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