



# Bulletin

## of the Native Plant Society of Oregon

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

VOLUME 44, No. 2

MARCH 2011

### The Life, Death, and Life of the Berry Botanic Garden

*by Ed Guerrant, PhD, Conservation Director, Berry Botanic Garden*



ED GUERRANT

*A fine assortment of seeds from the Berry Botanic Garden.*

Like people, botanic gardens have complex and multifaceted identities that change over time. From the late 1930s until her death in 1976, Mrs. Rae Selling Berry created a beautiful and noteworthy private estate garden in the Dunthorpe neighborhood of Portland. Rather than see the property subdivided and risk losing her exemplary collection of primulas, rhododendrons,

alpine plants, and rare natives, a small group of private citizens rallied the community and were able to purchase the grounds and house from the estate. The Berry Botanic Garden was incorporated as a non-profit organization in 1978, with conservation of rare and endangered species as a core part of the mission. The challenge then was how best to use the limited resources

available to do something truly meaningful. Molly Grothaus, an early garden supporter and noted horticulturist herself, had an original idea: use seed bank techniques developed for crop plants to conserve seeds of rare and endangered species.

The Berry Botanic Garden Seed Bank for Rare and Endangered Plants of the Pacific Northwest was established in 1983, as the first seed bank in the United States dedicated exclusively to rare and endangered plants. Julie

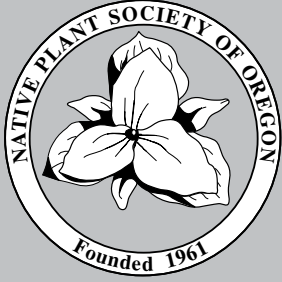
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☆☆ **IF YOU HAVEN'T RENEWED YET FOR 2011, YOUR MEMBERSHIP WILL LAPSE SOON!** ☆☆

Look at the label on this *Bulletin* and if "2010" appears along the top edge, this is the LAST *Bulletin* you will receive. If you don't want to miss out on any of this year's *Bulletin* or *Kalmiopsis* issues, please send in your dues payment right away!



## Native Plant Society of Oregon

### World Wide Web

<http://www.NPSOregon.org>

### E-mail Discussion List

To join, send a message to [majordomo@tardigrade.net](mailto:majordomo@tardigrade.net), with the following in the body of the message:  
subscribe nps0

### General Business Address

P.O. Box 902  
Eugene, OR 97440  
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

### Membership Inquiries Only

Clayton Gautier  
3927 Shasta View St.  
Eugene, OR 97405-4442

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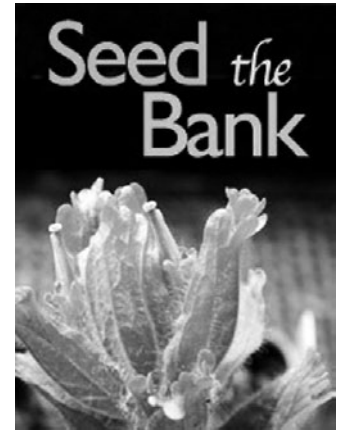
The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to [bulletin@NPSOregon.org](mailto:bulletin@NPSOregon.org).

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

## Seed the Bank: Contribute to the Conservation of Our Native Plants

The Berry Botanic Garden has closed but The Rae Selling Berry Seed Bank for Rare and Endangered Plants of the Pacific Northwest is now on the move! The Seed Bank will be relocating to a new home at Portland State University this spring, where it will become part of their Department of Environmental Science and Management. This move will allow the seed bank to expand and extend its important work of ex situ conservation of our beloved northwest plants. With global warming it is more important than ever that we save seeds to help preserve our biological diversity.

Volunteers have been working hard to fundraise for this move. Berry Botanic garden member and philanthropist John Gray has generously issued a challenge grant. The John Gray Native Plant Conservation Fund will match every dollar given by March 1, 2011 up to 25,000 dollars. Please help ensure the future of this important resource by donating before March 1, 2011. Contributions can be made using Paypal at [www.berrybot.org](http://www.berrybot.org) or by check to The Berry Botanic Garden, 11501 SW Summerville Ave, Portland, OR 97219.



*Western yellow oxalis (Oxalis suksdorfii) is a native perennial in the Wood-Sorrel family and its flowering season runs April through August. Oxalis suksdorfii is usually found growing in meadows, moist woods and sometimes on dry open slopes.*

TANYA HARVEY



# NPSO CALENDAR

## Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

## Cheahmill

For more information, visit the chapter Web site, [www.oregon-nativeplants.com](http://www.oregon-nativeplants.com). To be added to the e-mail list for upcoming programs and events, please contact [cheahmillchapternps@gmail.com](mailto:cheahmillchapternps@gmail.com).

### March 24, Thursday, 7-8:45 pm

**Talk: Native Plants in the Garden: A Historical Perspective.** Linda McMahon of Corvallis, staff chair of the OSU Extension Office in McMinnville, will give an illustrated historical perspective on how Americans garden with native plants. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second Streets. Information: 503-835-1042, [livesimplymarna@frontier.com](mailto:livesimplymarna@frontier.com).

### April 28, Thursday, 7-8:45 pm

**Talk: Wildflowers of Mary's Peak.** Dr. Steven E. Carpenter of Corvallis, retired professional botanist and author of the beautiful pocket guide, "Wildflowers of Mary's Peak Meadows," will speak. Mary's Peak, the highest mountain in the Coast Range, boasts a vast array of native forbs. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second streets. Information: 503-835-1042, [livesimplymarna@frontier.com](mailto:livesimplymarna@frontier.com).

### May 21, Saturday 10 am-3 pm

**Special event: Wildflower Show.** NPSO Cheahmill Chapter's annual wildflower show will include hundreds of labeled native plant samples, a microscope to help everyone identify plant parts, other educational displays, and a native plant sale. Location: Carnegie Room of McMinnville Public Library, 225 N.W. Adams St., McMinnville. More information to come later.

### May 26, Thursday, 7-8:45 pm

**Program: Rare, Threatened and Endangered Plants.** Lindsey Wise, botanist with the Oregon Biodiversity Information Center at Portland State University, will familiarize us with species that are rare, endangered, and/or threatened in nearby locales in Oregon. She will focus on identifying plants which we might see in nature nearby. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (Highway 99W). Parking lot entrances on Adams and Second streets.

### IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

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

### NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

Information: 503-835-1042, [livesimplymarna@frontier.com](mailto:livesimplymarna@frontier.com).

## Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Laurel Moulton at [lamoulto@yahoo.com](mailto:lamoulto@yahoo.com).

### March 14th, Monday, 7:30 pm

**Meeting: Stories about David Douglas.** Margaret Anderson, author of the historical fiction children's book "Olla Piska: Tales of David Douglas," will join us to talk about this important figure in Pacific Northwest botany. In the 1820s, David Douglas, an adventurous young Scot with a passion for plants, covered over 7,000 miles in the Pacific Northwest in search of specimens and seeds to send back to the Horticultural Society in London. Dozens of our native plants here in the Northwest bear his name, the most notable being the Douglas fir. All ages are welcome! Location: Avery House Nature Center, 1200 Southwest Avery Park Drive, Corvallis. Information: contact Laurel Moulton at [lamoulto@yahoo.com](mailto:lamoulto@yahoo.com).

## 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.

### March 5, Saturday, 9:00 am

**Field Trip: Mount Pisgah.** View early wildflowers and habitat restoration work on the floodplain of the Coast Fork of the Willamette River. The walk is 3 miles, and we will see dwarf isopyrum (*Enemion stipitatum*) in bloom. Bring snacks and water. Location: Mount Pisgah Arboretum. Information: 541-345-5531.

**March 21, Monday, 7:30 pm**

**Meeting: Delights, Myths and Legends of Native Plant Gardening with Bruce Newhouse.** Celebrate the first day of spring! We are going to explore the myths, legends and delights of native gardening and landscaping and create “deep gardening” goals that are both good looking and purposeful. This show is for homeowners, landscape architects and designers, nursery owners, permaculture enthusiasts and others. You can create a small ark of native biodiversity in your yard if you include native plants, bees, butterflies and birds as part of your inner circle of friends. If you would like to read a good primer, try “Bringing Nature Home,” by Douglas Tallamy. Location: EWEB Training Room at 500 East 4th Avenue, Eugene. Information: 541-343-2364.

**April 2, Saturday, 10 am-1 pm**

**Field Trip: The Nature Conservancy's Willamette Confluence Project.** Join Chris Orsinger of Friends of Buford Park & Mt. Pisgah on an exclusive tour of the Nature Conservancy's newest Eugene/Springfield area acquisition, the Willamette Confluence Project. This 1,270-acre property borders Buford Park and includes over six miles of Willamette riverfront. To register email Dave at [dpredeek@msn.com](mailto:dpredeek@msn.com) or call 541-345-5531.

**April 18, Monday, 7:30 pm**

**Meeting: Tree Ferns, Orchids & Other Wonders: A Journey to the Cloud Forest of Northwestern Ecuador.** Tobias Policha will share photos and stories from the making of his book, “Plants of Mindo & the Andean Choco,” a field guide to the cloud forest of Ecuador. <http://plantsofmindo.blogspot.com>. Ecuador is a small country, (256,370 square km) yet it provides 20,000 to 30,000 plant species--about 10% of the world total. Cloud forests occur between 700 and 2,500 meters elevation and are found on both sides of the Andes. They have nearly constant high humidity, frequent mist and dense loads of vascular epiphytes and mosses. The intact primary forest at this elevation is under serious threat from

logging, agriculture, mining and other human activities. Location: EWEB Training Room at 500 East 4th Avenue, Eugene. Information: 541-746-9478.

**May 22, Sunday, 12-5 pm**

**Garden Tour: Green Tracks: Community Service in the World of Native Plants.** This garden tour showcases the outstanding Horticulture Program at the Martin Luther King Education Center, Lane County Department of Youth Services. The young people in this program receive vocational training in horticulture and landscaping; their projects have included landscaping and habitat restoration for the City of Eugene, the Bureau of Land Management, and the U.S. Forest Service. This fun-filled educational event includes live music, food, and a native plant sale. Food prepared by the young people in MLK's Culinary Arts Program as well as native plants propagated and grown at MLK will be for sale. All proceeds benefit the vocational programs at the Department of Youth Services. This is a Free Event! Location: 2700 MLK Blvd at the John Serbu Youth Campus. Information: [ngap@emeraldnpsoregon.org](mailto:ngap@emeraldnpsoregon.org).

## High Desert

*The High Desert chapter is inactive at this time. If you are interested in participating in organizing chapter events, please contact [membership@npso.org](mailto:membership@npso.org).*

## Klamath Basin

*For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or [smalaby@cs.com](mailto:smalaby@cs.com).*

## Mid-Columbia

*For information on the Mid-Columbia Chapter, contact Sara Wu at [wusara96@yahoo.com](mailto:wusara96@yahoo.com).*

**March 10, Thursday, 7 pm**

**Meeting: Increasing Plant Diversity in Columbia Hills State Park/Dalles Mountain Ranch.** Stephen Van Vleet, Agriculture and Natural Resource

Specialist with the WSU-Whitman County Extension, will speak on the long-term rehabilitation project underway in the Columbia Hills State Park/Dalles Mountain Ranch. The project aims to increase vegetative plant diversity (with a focus on native forbs) on 180 acres of previously disturbed range that is now a “sear” bluebunch wheatgrass monoculture. Van Vleet will describe approaches to restoration such as managed grazing of cattle and invasive plant control. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

**March 26, Saturday, 9:30 am**

**Hike: Early and Rare Wildflower Hunt.** Join Sara Wu and Nancy Allen for a moderately paced hike along Swale Creek in the eastern Gorge. About 5 miles round trip. Look for desert parsleys, especially purple leptotaenia (*Lomatium columbianum*), and rare Dalles Mt. Buttercup (*Ranunculus tritermatus*) on this occasionally rocky but nearly flat trail. Dress warmly! Bring a lunch. Location: Meet at 9:30 am at Lyle Trailhead of the Klickitat Trail. From there we will carpool 15 miles to the Harms Rd. Trailhead where the hike begins OR meet at the Harms Rd. Trailhead at 10:15 am. Go to <http://www.klickitat-trail.org/map.htm> for maps. Information: Contact Sara Wu at [wusara96@yahoo.com](mailto:wusara96@yahoo.com).

## North Coast

*For information on the North Coast Chapter call Janet Stahl at 503-842-8708.*

## Portland

*If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at [donjphoto@gmail.com](mailto:donjphoto@gmail.com).*

**March 10, Thursday, 7:00 pm**

**Program: Poaceae: All About the Grass Family.** Rick Shory, of the Natural Resources Ecology Lab, Colorado State University, will present a program exploring this extensive, fascinating family. Grasslands provide about 20%

of planetary vegetative cover. Many species occur in habitats like fens, marshes, forests, and tundra. Location: Mount Tabor Presbyterian Church, Southeast Belmont at 54th Avenue. Church lot parking OK. Information: Billy Don, 503-515-1708.

### March 12, Saturday, 8:30 am

**Field Trip: Catherine Creek.** The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several species of *Lomatium*, and many others. This field trip marks the mostly official start of the wildflower season of 2011. Don't miss it! Leave at 8:30 am, Gateway MAX station, corner of NE Pacific Street and NE 99th Avenue. Or meet at Catherine Creek at 10:00 am. 120 miles round-trip drive; easy walking 3 to 4 miles, with 500 ft. elevation gain. Information: Jan and Dave Dobak at 503-248-9242.

## Siskiyou

*The Siskiyou chapter e-mails meeting reminders and last-minute information such as field trip cancellations. To be added to the list, please send your e-mail address to Kristi Mergenthler at coprolite-mergie@yahoo.com.*

### March 17th, Thursday, 7:15 pm

**Meeting: Update on the Oregon Flora Project.** Join Dr. Stephen Meyers as he discusses news from the Oregon Flora Project. Dr. Meyers is the new Taxonomic Director responsible for coordinating the development of an Oregon flora – a flora is the primary reference manual for determining the scientific names of plants. Info: <http://www.oregonflora.org>. Location: Southern Oregon University, Science Bldg., RM 171. Information: Kristi, 541-941-3744.

### April 16, Saturday, 9:30 am

**Field Trip: Rough and Ready Creek Botanical Wayside.** Suzanne Vautier and Kathy Lombardo will lead an easy hike at Rough and Ready Creek to admire the spring wildflowers and provide an update regarding the status of the *Allyssum murale* and *corsicum* invasion

threatening this unique serpentine community. We will meet at the wayside parking area on Highway 199 at 9:30am. Parties interested in carpooling from Ashland should meet behind the Oil Stop at 7:30am and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 8:30am. Carpools unguided and self-directed. Information: Suzanne Vautier at [gone\\_fishing@frontiernet.net](mailto:gone_fishing@frontiernet.net) or 541-592-3939.

### April 30, Saturday, 10 am-12 pm

**Field Trip: Yreka Plox Walk at China Hill.** Sheri Hagwood of the Fish and Wildlife Service will lead a 0.5 mi, easy "Phlox walk" at China Hill in Yreka to see the endangered Yreka phlox and other early spring treasures in bloom. Optional and unguided carpool meeting behind Oil Stop in Ashland (next to BiMart-leave by 9:10). Directions from I-5 South: take the first Yreka exit (776), take a left off the exit onto Hwy 3 going east, go about 0.60 miles to a kiosk on the left with a small parking lot. This is the meeting place and is just before Juniper Way (if you drive past Juniper Way, you've gone too far). Information: Sheri at 530-841-3126 (home), 530-842-2092 (evening), or [naers2@gmail.com](mailto:naers2@gmail.com).

### May 7, Saturday, 10 am

**Field Trip: Fielder Mountain.** George Van Vetchen invites you to share his personal trail to the top of Fielder Mountain, north of the town of Rogue River. This moderate-to-strenuous 8 mile (roundtrip) trail passes thru private and BLM land on its 2500' gain to the summit of Fielder Mountain. There are views of Rogue River, Grants Pass & Mt. McLaughlin and an abundance of plant life. Wear sturdy shoes and bring lunch and water. Directions: Exit 48 Rogue River. Turn towards town, over rr tracks and turn Left. At 4-way intersection turn Left. Take a Right onto West Evans Creek Road after crossing bridge. Take Left at #2583. Mailbox is by itself on a log post with 3 red reflectors. Drive is about 0.3 miles long and house is at end of drive against the foot of the hill. Optional and unguided carpool meeting behind Oil Stop in

Ashland (next to BiMart-leave by 9:00). Take I-5 north to Exit 48 Rogue River. Information: George at [oldrecordguy@gmail.com](mailto:oldrecordguy@gmail.com) or 541-582- 8980.

### 2010 Hike Summary

The 2010 Siskiyou Chapter NPSO had a successful hike season thanks to the generous help of 16 people who volunteered to lead hikes this year. Thanks go to; Kristi Mergenthaler, Suzanne Vautier, Rose Kilpatrick, Norm Jenson, Keith Perchemlides, Frank Lang, Armand Rebeschke, John Teem, Alex Maksymowicz, Frank Callahan, Lee Webb, Suzanne Willow, Scot Loring, Richard Halsey, Olivia Duren and Wayne Rolle. Between them they led eighteen hikes to locations covering the depth and breadth of diversity in this region, from Rough and Ready Creek, Bigelow and Tanner Lakes to the wild and scenic Rogue River, Grizzly Peak, the Cascades and more. Participation varied from four to 52 and covered topics from new invading weed species, spring & alpine wildflowers to fall fungi. Many non-members joined us, providing opportunities to spread knowledge and awareness and share the love of native plant diversity in our region. If you would like to volunteer to lead a hike in 2011, or would like to make a suggestion or give feedback regarding the field trip program please contact Sasha Joachims at [sasharain71@gmail.com](mailto:sasharain71@gmail.com).

## Umpqua Valley

*Visit [www.umpquavalley.npsoregon.org](http://www.umpquavalley.npsoregon.org) for more information on chapter activities.*

### March 10, Thursday, Business meeting at 6 pm, Program at 7

**Program: What Lies Beneath: The Ephemeral Rainbow of Forest Fungi.** Botanist Jenny Moore, now living in Eugene, will share her expertise in local fungi and help explain the important part they play in every ecosystem. Presentation will be hosted at the Douglas County Museum of Cultural and Natural History. Directions: I-5 exit 123. Museum address is 123 Museum Drive, Roseburg. Information: Donna



Rawson, 541-459-2821 (evenings).

### March 26, Saturday, 8:30 am

**Field Trip: Beatty Creek area.** Join US Fish and Wildlife Service botanist, Sam Friedman, at Beatty Creek area, a serpentine rock outcrop that features many early blooming plant species including grass widows, three saxifrages, a romanzoffia, a lomatium and various other annual plants. Also at Beatty Creek is a rare serpentine endemic moss and the rare, California sword fern. Location: To carpool or caravan, meet in the NE corner of the parking lot behind the Douglas County Courthouse (Fowler and Diamond Lake Blvd) in Roseburg at 8:30 am or alternate location

I-5 exit 103 at the McDonald's parking lot at 9:00 am. Information: Sam Friedman, 541-673-0589 (evenings).

## Willamette Valley

*For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.*

### March 25, Friday, 6:30-9 pm

**Program: Wildflower and Ethnobotany Class.** Dr. Morris Johnson, Professor Emeritus at Western Oregon University, will discuss native plant families and flowers common to the Willamette Valley and Western Oregon. He will also explain how the area's

indigenous people used the plants for food, shelter, medicine, clothing, hunting and religious ceremonies. Date and time for a corresponding field trip will be announced in class. Location: Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. The class costs \$5 and is open to the public. Registration is required. Information: Call 503-391-4145 to register.

## William Cusick

*Visit our Web site at <http://williamcusick.npsoregon.org> for updates and general information.*

## OTHER EVENTS

### Ashland Parks and Recreation Department

#### March 6, Sunday, 1-4 pm

##### **Class: Creating a Living Willow Structure with Louisa Lenz-Porter.**

Local native willows have many practical, medicinal and artistic uses. Learn to build a living dome structure by pushing long native willow shoots into the ground and weaving them together. They will root and grow, producing a cover of green leaves over the structure. Come prepared to work outdoors in moist ground. \$10. Location: North Mountain Park Nature Center, 620 N Mountain Ave, Ashland. Information: Register online at [www.ashland.or.us/register](http://www.ashland.or.us/register) or call the North Mountain Park Nature Center at 541-488-6606.

#### March 16, Wednesday, 10 am-12 pm

**Work Party: Spring Gardening.** Cultivate new acquaintances and exercise your green thumb while volunteering as a gardener at North Mountain Park. North Mountain Park staff and volunteers will provide an orientation to the Demonstration Gardens, greenhouse, and composting facility to kick off the season. Tools and snacks will be provided. To volunteer in the gardens

anytime, please call. Location: North Mountain Park Nature Center, 620 N Mountain Ave, Ashland. Information: 541-488-6606.

### Eugene Natural History Society

#### March 18, Friday, 7:30 pm

**Talk: Not Your "Ho Hum" Climate Change Talk.** Hear about cutting edge research concerning the future status of our terrestrial ecosystems at the March get-together of the Eugene Natural History Society. The public is invited free of charge to attend a dynamic talk by Scott Bridgham, Professor of biology and environmental studies at the University of Oregon. Scott's presentation will detail the ongoing impact of climate change on ecosystems as diverse as northern peatlands and prairies and oak savanna. Location: Room 100, Willamette Hall, UO campus.

### Glide Wildflower Show

#### April 23- 24, Saturday and Sunday

**Event: The 2011 Glide Wildflower Show** will again bring the colors, shapes and splendor of 600 species of

wildflowers into one exhibition space for visitors to enjoy and appreciate. This unique show stresses education, appreciation and conservation. There is no other show exactly like this one! Location: the Glide Community Center, located on Hwy 138 in Glide, Oregon just 17 miles east of Roseburg. Information: [www.glidewildflowershow.org](http://www.glidewildflowershow.org) or 541-496-3323.

### Lane Community College

#### April-May (beginning April 6), Wednesdays, 4-7 pm

**Class: Identification of Plants in the Field.** Join Marcia Cutler of NPSO Emerald Chapter for a class on plant ID and keying. We spend all our time in the field, meeting at various parks & natural areas within 20 miles of Eugene-Springfield. Subjects we'll cover include plant families, botanical terminology, keying to a specific plant (using Gilkey and Dennis's Handbook of Northwestern Plants), habitat, ecology, etc. This is a community education class; no tests, no term papers (yea!) but no credit (boo!). Location: On April 6th, meet at the LCC main campus, 4000 E. 30th Ave. Information: [www.lanec.edu](http://www.lanec.edu) or contact Marcia Cutler at

541-687-2559, mar\_c@efn.org. For info on registration, call LCC downtown center 541-463-5252.

## Mount Pisgah Arboretum

**March 16 OR March 29, Wednesday OR Tuesday, 6:30-8 pm**

### **Volunteer Orientation: Explore Nature with Elementary School Kids!**

Mount Pisgah Arboretum has been bringing out more than 3,000, K-5 grade students each year for the past 30 years, and volunteers make it happen! Volunteers are trained to lead small groups of students on trail hikes, exploring the plants, animals, and ecology of the S. Willamette Valley. Volunteers lead a minimum of one morning tour per week (May 2–June 14). No experience necessary. Location: Wayne Morse Family Farm, 595 Crest Drive in Eugene. Information: Fran Rosenthal, 747-1504, mtpisgfr@efn.org.

## Nearby Nature

**March 7, Monday, 7:30 pm**

**Talk: The Nature Principle: Human Restoration and the End of Nature-Deficit Disorder.** In his best-selling book *Last Child in the Woods: Saving our Children from Nature Deficit Disorder*, author Richard Louv shared lots of compelling arguments for why kids need to spend time outside. Louv's talk will be based on his new book, *The Nature Principle: Human Restoration and the End of Nature-Deficit Disorder*, due out in May 2011. Location: EMU Ballroom at UO. Information: <http://www.nearbynature.org/events>.

**March 10, Thursday, 6:30-8 pm**

**Volunteer Training: Spring New Volunteer Orientation.** Love nature? Enjoy kids? Want to make a difference? Learn all about leading school nature walks in Alton Baker Park this spring as well as other Nearby Nature volunteer opportunities. No experience needed. Location: Tykeson Room at the Eugene Public Library. Information:

541-687-9699, info@nearbynature.org, or <http://www.nearbynature.org/volunteering>.

## Siskiyou Field Institute

**April 2-3, Saturday-Sunday**

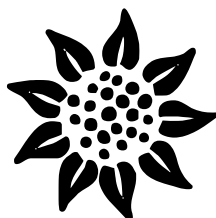
### **Course: Introduction to Bryology.**

Join Scot Loring for a two-day Introduction to Bryology. The class will cover basic bryophyte biology, recognition of common species in the field, microscopy/lab techniques and use of dichotomous keys; with class time divided between classroom lectures, lab and field. Tuition for the class is \$100, and discounted lodging is available onsite for class participants. Location: Siskiyou Field Institute. Information: 541-597-8530, or visit [www.thesfi.org](http://www.thesfi.org).

## Willamette Valley Hardy Plant Group

**March 8, Tuesday, 6:30 pm**

**Talk: Great Gardens of the Pacific Northwest.** Dave Eckerdt's illustrated talk will tour us through the gardens, plants and garden art of some twenty northwest gardens, including those of Oregonian writer Dulcy Mahar, "In the Garden" host Mike Darcy, Garden Personality Lucy Hardiman, Plantsman Dan Hinkley, as well as his own garden. Following his talk, Tamara and Greg Clift of McKenzie River Nursery will give a demonstration of how to plant a gorgeous hanging basket. Doors open at 6:30 for book sales and viewing botanical samples. Admission is \$6 for non-members and \$3 for members. Location: University of Oregon, Agate Hall, Agate Street at 18th Avenue, Eugene. There is ample parking next to Agate Hall. Information: [www.thehardyplantgroup.org](http://www.thehardyplantgroup.org) or 541-344-0896.



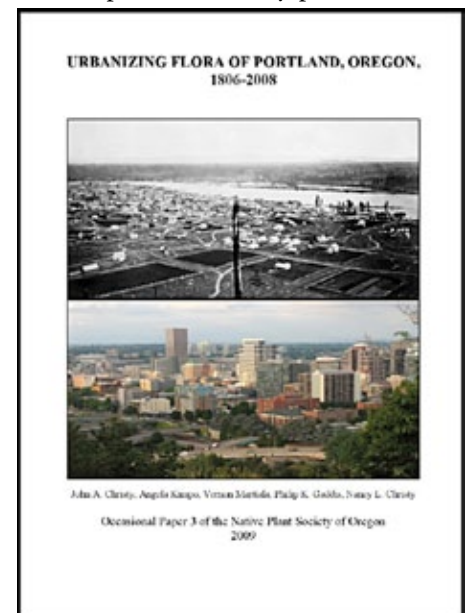
## Now Available: NPSO Occasional Paper 3

*Urbanizing Flora of Portland, Oregon, 1806-2008*

NPSO Occasional Paper 3: 1-315.

by John A. Christy, Angela Kimpo, Vernon Marttala, Philip K. Gaddis, and Nancy L. Christy (2009), 319 pages, spiral bound

This compilation of the vascular plants of the Portland-Vancouver area analyzes changes in the region's vegetation since 1806. A total of 1,556 taxa in 125 families are represented. Based on herbarium specimens, publications, and unpublished manuscripts, it tracks the changing fortunes of native and exotic species shaped by an expanding urban environment. It includes a history of botany in Portland, a gazetteer of historical and modern place names, botanical miscellanea from 19th and early 20th century Portland, and lists of rare species for use by planners and



land managers.

Price: \$20 postpaid, checks payable to Native Plant Society of Oregon.

Orders: Prepaid only

Contact: John Christy

7050 SW Canyon Crest Drive

Portland, OR 97225-3623

[john.christy@oregonstate.edu](mailto:john.christy@oregonstate.edu)

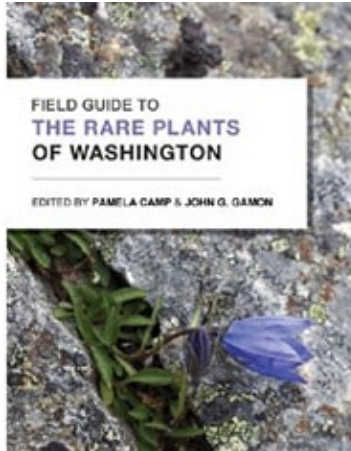
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# Field Guide to the Rare Plants of Washington

Book Review by: Dave Dobak

Field Guide to the Rare Plants of Washington

Edited by Pamela Camp & John G. Gamon. University of Washington Press 2011. ISBN 978-0-295-99092-7. Paperback; 408 pages, 600 color pictures, 350 drawings, 350 maps.



This is an impressive and handsome book, describing 317 species of rare plants of the state of Washington, with distribution maps, line drawings, and photographs of plants and habitats. The species descriptions are “evolved from” material published as “two-pagers” on the Washington Department of Natural Resources website <http://www1.dnr.wa.gov/nhp/refdesk/fguide/hfm/fsfgabc.htm>. As a consequence, a potential buyer might visit that website for an opportunity to “look inside this book”. There are many more pictures in this book than on the website.

These treatments have been available for quite some time now, so there has been ample opportunity for corrections to be included; I will not attempt to critique the accuracy of the material. Particularly useful are the Identification Tips that can be used to distinguish this species from similar species. Older synonyms are included for recently changed plant names.

The only error that has jumped out at reviewers so far regards the omission of a key to the map symbols. Co-editor Gamon has provided the missing text, and I pass it along here to serve as an errata sheet. “Open circles represent

either (1) historically reported occurrences (mostly herbarium records) that have not been confirmed since the Washington Natural Heritage Program was created (in 1977) or (2) documented occurrences for which we have solid evidence that the population no longer exists at that location (e.g., locations that are now totally converted to urban or residential land uses, or that have been inundated as a result of dam construction, etc.). Black dots represent species occurrences that have been confirmed between 1977 and today (with the caveat that if our most recent information indicates that the species has been extirpated, we would represent it by an open circle).”

Writing as an Oregonian for an Oregon audience, however, I must point out the choice of species included. They are specifically the plants in the categories Endangered, Threatened, Sensitive, and Possibly Extinct or Extirpated on the Washington Natural Heritage Program’s list of plants of conservation concern. This is very different from the concept that a recreational botanist, especially a visitor from out of state, might think of when seeing the term “Rare Plants” in a book title.

Anyone who buys this book thinking it will help him identify *Viola flettii* and *Campanula piperi* during a visit to Olympic National Park, or *Hulsea nana* and *Collomia larsenii* during a visit to the scree above Hellroaring Overlook on Mt. Adams, will be disappointed. None of those plants, which certainly meet most recreational botanists’ concept of “rare”, is included. The threat levels which plants face are determined by many factors. A plant which would otherwise merit a “Threatened” designation might receive only a “Watch” rating simply because it is situated inside a National Park, where many protections are already in place. And thus, the plant would not have a place in this book.

Not to revive the debate over classifying plant endangerment based on political boundaries, but I observe that, for example, *Eriogonum maculatum* is

included, based on one collection from 1884. Its rank is “G5/SX”. The plant is all over the intermountain west and has the lowest possible endangerment rating Globally, but is presumed extinct in Washington. There are many “G5/S1” or “G4/S2” plants in the book, some of them based on few or even a single specimen or observation from right on the border of Washington -- and there are healthy masses of it just over the border and for hundreds (thousands) of miles beyond.

How useful might this book be in Oregon? Consider the case of *Penstemon deustus* var. *variabilis*, which is included because the edge of its range includes a few sites in Washington’s Klickitat County. It is abundant across a broad swath of northeastern Oregon. In Oregon’s Union County, three varieties have been collected in close proximity. This book’s treatment points out the differences between var. *variabilis* and var. *deustus*, but does not distinguish var. *pedicellatus* (and if you made a new find of one of these other varieties just across the border in Columbia, Garfield, or Asotin Counties, you might be stumped!).

The book is certainly an aid for serious botanists and photographers, as well as rare plant monitors and land managers, who regularly venture into Washington’s wild places. But nevertheless this is a book driven by a tightly defined process with specific goals in mind. It is narrowly targeted.



*Penstemon deustus* Douglas ex Lindl. (scabland penstemon)

SHERI HAGWOOD @ USDA-NRCS PLANTS DATABASE



# 2011 Annual Meeting

The Portland Chapter will host the 2011 annual meeting of the Native Plant Society of Oregon in Logan Valley, on the south side of the Strawberry Mountain Wilderness area. The dates are Friday, June 24 through Sunday, June 26.

This area has a diverse ecological makeup. Five of the seven major life zones in North America can be found here. Nearly every type of alpine wildflower found west of the Rockies can be found here blooming at some time during the year. The rich flora is complemented by a lengthy list of animals, insects, fish, and birds. The geology provides a variety of formations and minerals, including basalt, rhyolite, granite, shales and serpentine, which we botanists know has unique flora.

A variety of field trips will be offered on Saturday (details in the April *Bulletin*). Saturday evening following the banquet, stories about the adventures of botanizing will be told by the Carex Working Group. Friday evening after dinner, Paul Slichter will give a preview of the flora and places that will be seen on Saturday's field trips.

Our meeting place will be Lake Creek Camp. A large central lodge provides meeting space, and meals will be served there. Beds (provide your own linen, blankets and towels) are available in shared cabins, and there is plenty of open space for tent or RV camping. Please plan to stay overnight at Lake Creek Camp, or a Forest Service campsite nearby. All motels in John Day are expected to be filled this weekend by another group's annual meeting. (And, John Day is a long drive from our meeting place!)

Join us in Logan Valley this June, and enjoy this special place for an annual meeting, and for celebrating the 50th Anniversary of NPSO. For more information about the meeting and accommodations, please visit our website: <http://2011.npsoregon.org>.



# NPSO Board Candidates for 2011

The Nominating Committee's candidates for NPSO state offices are:

President: Judi Sanders

Vice-President: Billy Don Robinson

Secretary: David Barts

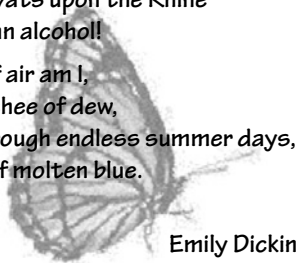
Treasurer: Cyndi Dion

Directors-at-Large: Linda Hardison, Bruce Waugh, Frances Stilwell

Brief resumes of each candidate, along with the ballot, will be printed in the April *Bulletin* (deadline for copy submission is March 10th). Any group of five or more dues-paying members may also submit nominations (with nominee's consent).

I taste a liquor never brewed,  
From tankards scooped in pearl;  
Not all the vats upon the Rhine  
Yield such an alcohol!

Inebriate of air am I,  
And debauchee of dew,  
Reeling, through endless summer days,  
From inns of molten blue.



Emily Dickinson (1830-1886), American poet

When landlords turn the drunken bee  
Out of the foxglove's door,  
When butterflies renounce their drams,  
I shall but drink the more!

Till seraphs swing their snowy hats,  
And saints to windows run,  
To see the little tippler  
Leaning against the sun!

## NPSO Items for Sale

**Booklets on Gardening with Native Plants.** Emerald Chapter's three booklets about native plants of the southern Willamette Valley are "Native Herbaceous Plants in Our Gardens," "Native Shrubs in Our Gardens," and "Native Trees in Our Gardens." \$9.35/set of three, mail order. Individual booklets sold from the NGAP booth at Down-To-Earth, or by check made out to "Emerald Chapter NPSO" with "NGAP Gardening Guides" in the memo line to P.O. Box 902, Eugene OR 97440-0902. Also see online in PDF format at [www.emeraldnpso.org](http://www.emeraldnpso.org) Click on "Gardening with Native Plants."

**Field Guide to Shrubs of Southwest Oregon.** An 80-page, pocket-sized field guide identifies 56 of the most frequently-encountered shrubs in SW Oregon, and describes each species in detail with words and photos, including habitat, leaves, twigs, fruit, and flowers. Dichotomous keys, illustrations of common plant parts and glossary included. Janet Walker, NPSO Siskiyou chapter member, and Max Bennet, Forestry Agent with Jackson/Josephine Counties. \$7/copy; checks payable to "OSU Extension Service." Mail to Shrub Guide, Jackson County Extension, 569 Hanley Rd., Central Point, OR 97502.

**Poseidon's Necklace.** Don Begnoche, Siskiyou chapter, has issued an Oregon field guide covering the coastal section, mile by mile, from Astoria to Brookings. Genesis of the coastal landscape and flora found on dunes, headlands and montane slopes; over 500 landscape and floral photographs as well as geologic maps and illustrations. PDF format on a CD. \$19.95 + \$2.50 s/h. Mail checks to Don Begnoche, 439 Herbert St., Ashland, OR 97520

Kierstead (Nelson) was the first curator. By seeking advice on technical matters from two of the premier seed banks in the world, and choosing to work closely with state and federal land management agencies, Julie laid the foundation on which the seed bank has flourished. A short time later the Berry Botanic Garden became a founding member of the Center for Plant Conservation, a national network dedicated to using off site collections as a means of conserving and restoring America's most vulnerable native plants.

The seed bank has grown considerably, not only in the number of species collected but also in the technical ability to store seeds safely for long periods of time. The nationwide professional community provided by the Center for Plant Conservation enabled the BBG Seed Bank to become a globally recognized leader in the field of ex situ, or off site plant conservation. The seed bank currently has over 3.3 million seeds of more than 18,000 separate collections of over 350 of the region's rarest and most endangered plants. Seed banks are a means to an end: supporting species survival in the wild. The Berry Seed bank has either supplied



*Lillium occidentale* flower

ED GUERRANT

seed for or has been directly involved in reintroduction projects involving almost a dozen species, including the endangered *Stephanomeria malheurensis* and *Lilium occidentale*.

Even as the seed bank and conservation program continued to grow, the garden's overall financial health had been in a slow decline for many years, suffering a crippling blow with the economic downturn of 2008. By 2009 it became clear that the botanic garden could not survive economically, and the decision was made to move the conservation program to "higher ground".

Following months of exploration,



Rae Selling Berry Garden and House

ED GUERRANT

the board of directors and representatives of Portland State University, arrived at a mutually beneficial plan to move the Conservation Program and Seed Bank to PSU's Department of Environmental Science and Management. New opportunities for serving the conservation community of the Northwest lie ahead: for starters, we will have greatly expanded seed banking capacity, and solid institutional support for continuing our part in the larger effort.

Finally, because the Rae Selling Berry Garden and House was placed on the National Register of Historic Places in 2002, the property cannot be subdivided and the house will not be demolished. Thus, the character of what Mrs. Berry created will survive the change in ownership, and the conservation function will be healthier than ever: a bittersweet outcome if ever there was one.



## Plan Now for Native Plant Appreciation Week

Although the weather outside is **A**frightful, we know the arrival of spring will be delightful... so it's not too early to plan for Native Plant Appreciation Week! NPAW 2011 will be May 1-7, 2011. This is NPSO's largest coordinated public outreach event of the year. It is an excellent opportunity for your chapter to sponsor workshops, hikes, plant sales, and other great events while helping to raise visibility for your chapter and NPSO. As the weather improves, we will all be much busier, so now is the time to plan! This year, the State Parks Trust would like to coordinate with NPSO to raise awareness of our State Parks. Consequently, this is a fine opportunity for you to plan a hike at a State Park in your area on May 1 or May 7. Please notify your chapter's NPAW Coordinator as soon as possible or contact Judi Sanders at [judi.sanders@gmail.com](mailto:judi.sanders@gmail.com) and we will assist with publicity and event coordination activities.

# NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name \_\_\_\_\_  
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 City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_  
 Phone \_\_\_\_\_ E-Mail \_\_\_\_\_  
 Chapter (if known) \_\_\_\_\_

Is this a change of address? If so, please write your old address here:

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Please make checks for dues and contributions payable to:  
**NATIVE PLANT SOCIETY OF OREGON**

Send completed form and full remittance to:  
**Clayton Gautier, NPSO Membership Chair**  
 3927 Shasta View St.  
 Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.  
**Membership is for the calendar year. New memberships enrolled after July 1 include the following year.**

- New                       Renewal  
 Student – \$12       Regular – \$25       Family – \$35  
 Sustaining – \$60       Patron – \$125       Life Membership – \$500  
 Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

**CONTRIBUTIONS** to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Award Fund	\$ _____
Augusta Rockefeller Memorial Scholarship	\$ _____
Rare and Endangered Plant Fund	\$ _____
Friends of the Oregon Flora Project	\$ _____

*Membership in the Native Plant Society of Oregon is open to all.*

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to [Membership@NPSOregon.org](mailto:Membership@NPSOregon.org).

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 IMMEDIATE PAST PRESIDENT..... Kelli Van Norman ..... [past\\_president@NPSOregon.org](mailto:past_president@NPSOregon.org); 503-236-8787  
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 SECRETARY..... David Barts ..... PO Box 2105, Portland, OR 97208; [secretary@NPSOregon.org](mailto:secretary@NPSOregon.org); 503-679-2190  
 TREASURER..... Cyndi Dion ..... 897 Hillview Dr., Ashland, OR 97520-3517; [treasurer@NPSOregon.org](mailto:treasurer@NPSOregon.org); 541-482-8603

### CHAPTER PRESIDENTS

BLUE MOUNTAIN (Pendleton) ... Jerry Baker ..... P.O. Box 662, Athena, OR 97813; [bm\\_president@NPSOregon.org](mailto:bm_president@NPSOregon.org); 541-566-2244  
 CHEAHMILL ..... Susan Aldrich-Markham ..... 22245 NE Ilafern Lane, Dundee, 97115; [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org); 503-537-0587  
 CORVALLIS..... Laurel Moulton ..... 425 S.E. Bridgeway Ave, Corvallis, OR 97333; [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org); 206-459-3834  
 EMERALD (Eugene)..... Brian Basor ..... 78703 Echo Hollow Ln, Cottage Grove, OR, 97424; [em\\_president@NPSOregon.org](mailto:em_president@NPSOregon.org); 541-335-1268  
 HIGH DESERT (Bend)..... Eileen Obermiller..... [hd\\_president@NPSOregon.org](mailto:hd_president@NPSOregon.org); 541-350-7436  
 KLAMATH BASIN ..... Sarah Malaby ..... [kb\\_president@NPSOregon.org](mailto:kb_president@NPSOregon.org); 541-884-5703  
 MID-COLUMBIA ..... Sara Wu ..... 95 Hearthsides Lane, Goldendale, WA 98620; [wusara96@yahoo.com](mailto:wusara96@yahoo.com); 509 773 7127  
 NORTH COAST ..... Janet Stahl..... 9780 Whiskey Creek Rd., Tillamook, OR 97141; [nc\\_president@NPSOregon.org](mailto:nc_president@NPSOregon.org); 503-842-8708  
 PORTLAND..... Angie Moore..... [po\\_president@NPSOregon.org](mailto:po_president@NPSOregon.org); 503-292-2093  
    Roger Brewer ..... [roger-brewer@comcast.net](mailto:roger-brewer@comcast.net); 503-789-5027  
 SISKIYOU ..... Frank Callahan ..... [si\\_president@NPSOregon.org](mailto:si_president@NPSOregon.org); 541-897-0421  
 UMPQUA VALLEY (Roseburg)..... Donna Rawson ..... 4134 Goodrich Hwy, Oakland, OR 97462-9636; [uv\\_president@NPSOregon.org](mailto:uv_president@NPSOregon.org); 541-459-2821  
 WILLAMETTE VALLEY (Salem) ..... John Savage ..... 1645 Church St SE, Salem, OR 97302-2908; [wv\\_president@NPSOregon.org](mailto:wv_president@NPSOregon.org); 503-399-8615  
 WM CUSICK (La Grande) ..... Jenifer Ferriell ..... 2513 Washington Ave., Baker City, OR 97814; [jenifer.ferriell@gmail.com](mailto:jenifer.ferriell@gmail.com); 541-523-5040

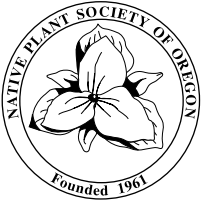
### STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS ..... Dan Luoma..... 3740 NW Harrison, Corvallis, OR 97330; 541-752-8860  
 CONSERVATION, EAST SIDE..... Duncan Thomas..... 529 N.W. 31st St. Corvallis 97330-5157; [duncanwt@gmail.com](mailto:duncanwt@gmail.com); 541-752-5211  
 CONSERVATION, WEST SIDE..... David Lebo ..... [president@NPSOregon.org](mailto:president@NPSOregon.org); 503-622-3191 ext. 639  
 FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; [hardisol@science.oregonstate.edu](mailto:hardisol@science.oregonstate.edu); 541-737-4338  
 LEGISLATIVE ..... Billy Don Robinson ..... [bdmeme@gmail.com](mailto:bdmeme@gmail.com); 503-515-1708  
 MEMBERSHIP..... Clayton Gautier ..... 3927 Shasta View St, Eugene, OR 97405-4442; [membership@NPSOregon.org](mailto:membership@NPSOregon.org)  
 NPSO FELLOWS..... Rhoda Love..... [rglove@uoregon.edu](mailto:rglove@uoregon.edu); 541-345-6241  
 RARE & ENDANGERED PLANTS .... Les Gottlieb ..... 1085 Timberline Ter., Ashland, OR 97520-3436; [leslie@ashlandhome.net](mailto:leslie@ashlandhome.net)

### PUBLICATIONS

BULLETIN EDITOR..... Taya Cummins..... P.O. Box 28208, Portland, OR 97228; [bulletin@NPSOregon.org](mailto:bulletin@NPSOregon.org)  
 BULLETIN PRODUCTION ..... Jocelyn Duffy..... 17969 SW Broad Oak Blvd, Aloha, OR 97007; [jocelynduffy@yahoo.com](mailto:jocelynduffy@yahoo.com)  
 KALMIOPSIS EDITOR ..... Cindy Roché..... P.O. Box 808, Talent, OR 97540; [kalmiopsis@NPSOregon.org](mailto:kalmiopsis@NPSOregon.org)  
 WEBMASTER ..... Norm Jensen ..... [webmaster@NPSOregon.org](mailto:webmaster@NPSOregon.org)





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and membership requests to:  
Native Plant Society of Oregon  
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## Friends of the Oregon Flora Project

We are in the midst of our periodic updates to the online Atlas and Photo Gallery. To prepare for an update we incorporate new data, correct errors reported, and apply the nomenclatural changes presented in the Checklist. Updates should be completed and reflected online within the next month. We are also working to present the Checklist in a searchable format that will make it easier to find information as well as link to the other OFP tools.

The research to support this work and develop the tools made available to the public is funded solely by donations and competitive grants. Contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that makes the OFP the valuable resource it is, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org), or phone 541-737-4338.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.