



# Bulletin

of the

## Native Plant Society of Oregon

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

VOLUME 40, No. 8

AUGUST/SEPTEMBER 2007

### NPSO Umpqua Valley Chapter Contributes to Rough Popcorn Flower Recovery

*by Sam Friedman, Umpqua Chapter*

Sutherlin, Oregon. It all began with a few enthusiastic dirt bike supporters preparing for the annual Sutherlin Blackberry Festival. A few scoops of dirt were placed in the wrong place—on a population of a few straggling plants. These were not just any plants; these happened to be the endangered rough popcorn flower (*Plagiobothrys hirtus*). The rough popcorn flower only occurs in southwest Oregon's Douglas County and has been included on the Federal and State endangered species lists since 2000. The plant relies on relatively undisturbed, seasonally wet soils found only in northern Douglas County. In the mid 1900s, the Camus Swale area in present day Sutherlin was drained to provide more land for homes, agriculture, and

pasture lands. Although this effort was brilliantly successful, it drastically altered an enormous wetland complex and left just a few fragmented seasonal wetland areas along a deeply trenched Sutherlin Creek. The effort to build I-5 along Yoncalla Creek in the 1950s conceivably resulted in the loss of a great rough popcorn flower population south of Yoncalla. Agricultural development and wetland alteration possibly

resulted in rough popcorn flower becoming extirpated north of Yoncalla in the late 1980s. In the last 10 years about eight rough popcorn flower populations have been inadvertently destroyed due to wetland alteration and filling. Although probably not very abundant historically, today the rough popcorn flower has been reduced to no more than 15 extant populations.

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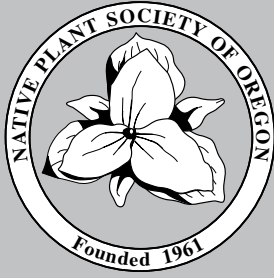
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*Clockwise left to right: Jim Long, Brian Basor, Sam Friedman, John Carnate, Richard Sommer counting rough popcorn flower in a subplot.*

RON HATT



## 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 npso

### 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.

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### Bulletin of the Native Plant Society of Oregon

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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.

### Action Needed

## Our Endangered Species Act is Endangered

by Rhoda Love, Emerald Chapter Conservation co-Chair

The US Endangered Species Act (ESA), which helped bring the bald eagle back from near extinction in the lower 48 states, is now itself endangered by the present administration's unwillingness to continue to protect to our endangered plants and animals.

President Richard Nixon signed the ESA into law in 1973, and since then hundreds of species of plants and animals have been listed and have received federal protection. However, according to the *Eugene Register-Guard*, during the six years of the present Administration, only 58 species have been added to the list, most of them due to litigation. In contrast, 231 species were added during the 4-year administration of the incumbent's father, George H. W. Bush. (By the way, some of the latter were also added due to a 1992 lawsuit brought by the Fund for Animals, Defenders of Wildlife, and other conservation groups. In fact, at least 28 rare Oregon plant species were slated to gain Federal protection as a result of this settlement. Perhaps it is time for another lawsuit?)

Here are other unsettling facts about our national Endangered Species program that were brought to light in the recent (7/6/07) *Eugene Register-Guard* editorial:

Undersecretary Dirk Kempthorne of the Department of Interior has recently drafted a proposal that would weaken habitat oversight and delegate protection of endangered species to the individual states. If his plan prevails, our Forest Service and BLM botanists could be prevented from undertaking measures to protect Endangered Species on federal lands.

Going hand-in-hand with the above, Federal funds for recovery of Endangered Species have already been slashed by 15% since the year 2000, and the Bush administration's budget for next year calls for an additional 28% reduction.

President Bush has, in the past, appointed environmental administrators with ties to the very industries that are lobbying congress to weaken Endangered Species protection. And, along the same lines, it has recently been learned that the Vice-President intervened in the 2002 Klamath Basin water wars on the side of agribusiness. It now seems clear that his behind-the-scenes maneuvering was responsible for that year's massive die-off of salmon in the Klamath River.

Please take a few moments to urge your US Congressman and our Oregon Senators to fight the present administration's efforts to weaken the Endangered Species Act. Indeed we should all encourage our lawmakers to strengthen, not weaken protection for endangered animals and plants.



NORM JENSEN

*Pumice sandwort* (*Botrychium pumicola*) is a rare Oregon endemic found only in high elevation pumice sites in Deschutes and Klamath Counties. It is considered threatened but not endangered.

## State

**October 6, Saturday, 10 am**

**State Board Meeting:** The Portland Chapter will host the next quarterly state board meeting at the Mt. Tabor Presbyterian Church on SE 54th Ave. between SE Belmont and Morrison Streets in Portland. Enter the church parking lot from SE 54th Avenue.

## Blue Mountain

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

## Cheahmill

For more information visit the chapter website: [www.oregon-nativeplants.com](http://www.oregon-nativeplants.com)

**September 29, Saturday, 2:30 pm**

**Meeting: Potluck Barbecue & Tour.** Our first meeting of our new year will take place southwest of Amity at the rural property of one of our members. It will include a barbecue and pot luck provided by current members for visitors and prospective new members. We will also have a presentation and discussion of selecting native plants for various purposes, with an emphasis on site analysis, objectives of the planting and personal preferences. Then we'll take a brief tour of the acreage, where many thousands of trees, shrubs and herbaceous perennials (mostly native) have been established over almost 20 years. Location: approximately 1 mile northwest of Perrydale at 8210 Broadmead Road. RSVP 503-472-6902.

**October 20, Saturday, 8 am**

**Field Trip: Fungus Foray to Valley of the Giants.** Meet at the corner of Blaine and Linfield, McMinnville at 8am. Valley of the Giants is located approximately 20 miles WNW of Falls City. Be prepared for gravel roads. We will stop along the way to hunt for mushrooms. The trail is less than a mile long and crosses the North Fork

of the Siletz River where we will have lunch. Dress for the weather, bring a basket or sack, knife, and wax paper to preserve specimens for identification. All mushroom outings are subject to change if there is no rain. Call 503-474-0775 for more information.

**October 25, Thursday, 7 pm**

**Meeting: Twenty Edible Gilled Mushrooms** presented by Jake Hurlbert, a member of the Oregon Mushroom Society. There will also be a

mushroom identification time at 6:30 pm prior to the meeting. Bring the entire mushroom including the base of the stem wrapped in wax paper and handled as little as possible. Carnegie Room, McMinnville Library, 225 NW Adams Street. Mushroom specimens for identification can also be dropped off at Jake's home (1719 NW Troon Ct., McMinnville) at any time. If he is not home, just leave the samples on the front porch in a brown paper bag, wrapped in wax paper and numbered if there are different species—please include your name and phone number.

**November 4, Sunday, 8 am**

**Field Trip: Fungus Foray to Coast Hwy 22.** Meet at the corner of Blaine and Linfield, McMinnville at 8am. We will begin at the summit of the Coast Range and work our way west on a gravel service road. Dress for the weather, bring a basket or sack, knife, and wax paper to preserve specimens for identification. All mushroom outings are subject to change if there is no rain. Call 503-474-0775 for more information.

## Corvallis

*If you would like to receive monthly e-mail reminders about NPSO activities please send an e-mail to [mattbs@peak.org](mailto:mattbs@peak.org)*

**September 15, Saturday, 8:30 am**

**Field Trip: Siltcoos Beach.** How about a stroll on the beach? We will travel south to Florence and wander along the tide-line where the Siltcoos River empties into the Pacific. We will search for the rare pink sandverbena and other late flowering coastal species. If time permits, we will stop at the Darlingtonia Botanical Wayside to check on the carnivorous plants. Bring lunch, water, and a windbreaker. Meet at the OSU parking lot SW of the Beanery, 26th and Monroe, Corvallis. For more information contact Matt Blakeley-Smith at [mattbs@peak.org](mailto:mattbs@peak.org) or 541-231-9861.

### 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 many 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.

## Emerald

**August 16, Thursday, 9 am–Noon**

**Work Party: Rowe-Love Herbarium.**

Assist with mounting and organizing specimens in the Rowe-Love Herbarium at Lane Community College. Meet in the Science Building Rm 117. Refreshments provided. No background necessary and all assistance is appreciated. Learn some valuable collection and preparation skills and contribute to adding to our collection of over 3000 specimens. Notable and historic herbarium specimens from the Herbarium will be on display. Contact Gail Baker, Science, Lane Community College, 541-463-5085 or bakerg@lanec.edu.

**September 17, Monday, 7:30 pm**

**Meeting: Wildflowers of the**

**Siskiyou.** Phyllis Gustafson of the Siskiyou chapter will present a colorful PowerPoint presentation on the beautiful plants of the Siskiyou. Phyllis has been actively gardening and exploring in search of native plants, primarily in Oregon and the Pacific Northwest, for the last 35 years. She is the author of *Wildflowers of the Pacific Northwest*. 7:30 pm, EWEB Training Room at 500 East 4th Avenue, Eugene. Call 541-746-9478 for more information.

**October 15, Monday, 7:30 pm**

**Meeting: The Story of Whitebark**

**Pine** presented by Whitey Lueck. EWEB Training Room at 500 East 4th Avenue, Eugene. Call 541-746-9478.

## High Desert

For information on the High Desert Chapter call Berta Youtie at 541-447-8166.

## Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby, 541-884-5703, smalaby@cs.com.

## Mid-Columbia

**September 13, Thursday, 7:30 pm**

**Business Meeting: Election of new officers and wrap up of annual meeting.** Mike Igo Leader. The Commodore Building, 3rd & Court Street, The Dalles. More info call 541-905-3187.

## North Coast

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

## Portland

**September 13, Thursday, 7 pm**

**Meeting: Exquisite Orchids of Oregon.** Charlene Simpson will touch on the diverse morphology, habitat and reproductive strategies of orchids. We will meet in our NEW LOCATION at the Mt. Tabor Presbyterian Church on SE 54th Avenue between SE Belmont and Morrison Streets. Enter the church parking lot from SE 54th Avenue.

## Siskiyou

**SOU Herbarium  
Open to the Public**

The SOU Herbarium will be open from 7–7:30 pm immediately preceding the NPSO meetings on the third Thursday of each month (except December). The Herbarium is located in the SOU Science Building, Room 206. Call Connie at 541-488-0368 for information or to schedule another time.

**August 25, Saturday, 2 pm**

**Field Trip: Bigelow Lakes and Mount Elijah by Moonlight** on the Illinois Valley Ranger District just shy of full moon. Two tarn lakes on the north slopes of Mount Elijah surrounded by meadows and conifers. Lee Webb, retired Wildlife Biologist for the Siskiyou NF will take us to look at late season wildflowers and see if the resident long-eared owls fly out to be counted.

Sunset will find us at the top of Mount Elijah, where we will watch the sunset at 8 pm, wait for the owls, and return to the trailhead below the lakes by moonlight and flashlight. We will likely return to Ashland close to midnight or a little later. On the way there we will stop briefly at 3 pm at the Grants Pass Interagency Office (BLM/FS) at 2164 NE Spalding Avenue, and the Illinois Valley Visitor Center in Cave Junction at 3:45 pm. We can do some car pooling at these locations. From there the trailhead is less than one hour away. Distance from trailhead to the Lakes is just over a mile of moderate hiking. It is another mile to Mount Elijah on steeper slopes (5 mile round trip, 1000' elevation gain). Bring a flashlight for the forested part of the trail, water and food and a warm jacket. Meet at Ashland Shop N Kart parking lot near Tolman Creek Road. For more information, call Anita Seda at 541-301-2561.

**September 20, Thursday, 7:30 pm**

**Meeting: Members' Slide Show.** Bring your favorite recent slides of wildflowers to share with other members. Digital or slide film is OK. Room 171 of the SOU Science Building, Ashland. For more information, contact Armand Rebischke, 541-482-2141.

## Umpqua Valley

**August 18, Saturday, 8 am**

**Work Party: Native Plant Garden.**

Bring your love for gardening and help make our native plant garden something to admire. Feel free to spend a couple of hours in the morning or afternoon. Bring gardening tools, gloves, and a sack lunch if you wish. Meet at the VA Hospital, in the west side parking lot of the Transitional Care Unit (TCU) in Roseburg. For information call Ron Hatt at 541-863-7024.

**August 25, Saturday, 8:30 am**

**Field Trip: Shore Acres State Park.**

Although late in the summer, highlights of this trip may include crowberry, sea thrift, sneezeweed, trapper's tea, and the native Indian thistle.

Expect a short 1 to 1½ mile walk. Meet in the NE corner of the parking lot behind the Douglas County Courthouse, west of Fowler Rd, between Hwy. 138 and Douglas Ave in Roseburg. For more information call Sam Friedman at 541-673-0589.

**September 20, Thursday, 7 pm**  
**Meeting: Program to be announced.** Meet upstairs in the Mercy Education Bldg., 2459 Stewart Parkway, Roseburg. For more information call Sam Friedman at 541-673-0589.

## Willamette Valley

**September 1, Saturday, 10 am**  
**Field Trip: Seed Collection at Kingston Prairie Preserve.** We'll collect native wildflower seeds for a couple of hours at the Kingston Prairie Preserve southeast of Stayton. The 152-acre Nature Conservancy preserve hosts several rare wildflowers including Bradshaw's lomatium, Willamette daisy and white-topped aster. For directions, carpooling information, or general information, please call John Savage at 503-399-8615 (after 7 pm).

**September 20, Thursday, 7–8 pm**  
**Program: Invasive Weed Control in Marion County.** Tanya Beard, Marion County botanist, will talk about the efforts to control invasive weeds in Marion County through the newly formed Marion County Weed Control District and show slides of the targeted weeds. Straub Environmental Learning Center, 1320 A street NE in Salem (next to Olinger Pool, near North Salem High). For more information, please call John Savage at 503-399-9615 (after 7 pm). Free and open to the public.

## William Cusick

For information on the William Cusick Chapter contact Sandy Roth at 541-963-7870 or [sroth@oregontrail.net](mailto:sroth@oregontrail.net).



*rough popcorn flower (Plagiobothrys hirtus)*

### **Rough Popcorn Flower Recovery** *continued from page 77*

Not very long after a City of Sutherlin rough popcorn flower population was declared missing in action, the City of Sutherlin was notified by the Oregon Department of Agriculture (ODA). Under the Oregon Endangered Species Act, all non Federal public lands are required to protect listed plant species and the City realized their responsibility. The City notified the Sutherlin Blackberry Festival committee that the new dirt bike extension had to go and the land restored to its original shape. Soon the City fenced in the rough popcorn flower areas on their property and agreed to enter into a conservation agreement with the Sutherlin Blackberry Festival and the Sutherlin Stampede committees, the ODA, the Fish and Wildlife Service, and the NPSO to protect rough popcorn flower on their properties.

NPSO's part of the conservation agreement is to provide ideas to improve rough popcorn flower habitat and to monitor the city plant population annually. On June 22, 2007 Umpqua Valley NPSO members Ron Hatt, Jim Long, and Richard Sommer got together at Sutherlin City Hall and met with the city manager, Bud Schmidt, city planner, Dan Huff, Mike Gray and John Carnate, city park

and maintenance, Kelly Amsberry and Brian Basor of the ODA, and Sam Friedman of the Fish and Wildlife Service to review the Rough Popcorn flower Conservation Agreement and Management Implementation Plan. After a brief meeting the group visited the recently buried rough popcorn flower population and found a few plants vigorously blooming! The ODA demonstrated to the group how rough popcorn flower monitoring should be conducted and the group learned the common wetland plants that often occur with rough popcorn flower.

On June 30, 2007 the Umpqua Chapter of the NPSO felt prepared to perform their first formal rough popcorn flower monitoring effort. Seven members joined in the effort and were able to complete the rough popcorn flower monitoring in a half a day. In the cool morning hours, while on their hands and knees, the group counted approximately 3,000 plants.

Rough popcorn flower currently receives protection from development on several private and public lands. Some of the land owners of rough popcorn flower include the Bureau of Land Management, The Nature Conservancy, the Oregon Department of Transportation, the Douglas Soil and Water Conservation District, Douglas County, and of course, the City of Sutherlin.

RON HATT

## OTHER EVENTS

### Berry Botanic Garden Events

11505 SW Summerville Ave., Portland. To register or for information, visit [www.berrybot.org](http://www.berrybot.org) or call 503-636-4112x102.

#### Gatherable and Growable Dyes from Local Sources

**September 8–9, 9:30 am–5 pm**

This two-day workshop led by master dyer Cheryl Kolander of Aurora Silk will focus on basic principles of natural dyeing for home use. \$120 (\$96 Members) plus \$20 Materials Fee. Limit: 12.

#### Botanical Illustration with Pen and Watercolor

**September 15–16, 8:30 am–4:30 pm**

This two-day workshop taught by professional botanist, botanical illustrator, and teacher, Dr. Linda Ann Vorobik will combine lecture, demonstration and supervised and unsupervised drawing and painting time. A friendly critique of finished work will close the weekend. All skill levels are welcome. \$125. Limit 15.

#### Annual Fall Plant Sale

**September 29, Sat., 11 am–3 pm**

More than 20 specialty vendors will offer 1000's of unusual plants for the avid collector and the casual gardener. The event will showcase plants native to the Pacific Northwest, specialty alpine plants, dwarf conifers and bonsai, and perennials.

### North Mountain Park Nature Center Events

620 N Mountain Ave., Ashland. For more info and to register, call 541-488-6606 or visit <http://ashlandparks.recware.com> or [www.ashland.or.us/northmountainpark](http://www.ashland.or.us/northmountainpark)

#### Demonstration Garden Tour

**September 8, Saturday, 9:30 - 10:30 am**

Learn about the Butterfly, Amphibian-Reptile and Native Plants Gardens. Free.

#### Nature and Garden Journaling

**September 15, 16 & 20, Sat. & Sun., 9:30 am–2:30 pm & Thursday, 7–9 pm**

Enjoy stimulating sessions on right-brain drawing, guided exercises in creative writing and an introduction to additional techniques to brighten and intensify your journal pages. Instructor Irene Brady is an author, illustrator, and life-long journal-keeper. Bring a bound, empty book with unlined pages, or unlined journal in progress to use in class and a lunch. Ages 14 and up. \$75/person.

### Mount Pisgah Arboretum Events

34901 Frank Parrish Rd. (off of Seavey Loop Rd.), Eugene. For more information or to register call 541-747-1504 or visit [www.efn.org/-mtpisgah](http://www.efn.org/-mtpisgah).

#### Outdoor Field Sketching

**September 15, Saturday, 1–4 pm**

Join Kris Kirkeby, natural science illustrator, and put your artistic creativity to work as you sketch nature's wonders. Choose a specific subject to focus on or broaden your scope to the landscape. Discussion will include incorporating writing into sketchbooks and "tricks of the trade" for drawing outside. Held in and around the White Oak Pavilion. Fee: \$20. Pre-registration required.

#### Evening Photography

**September 22, Saturday, 3–7 pm & October 2, Tuesday, 6:30–8:30 pm**

Photograph during the "Magical Hour" at the Mt. Pisgah Arboretum. This hands-on workshop, taught by professional nature photographer David Stone, will feature instruction in making the most of your camera during the late afternoon when many photographers think the light is the best. Explore the Arboretum during the extended field time this workshop includes. Participants should bring their camera and instruction book, tripod, and film or empty memory card. Fee: \$25. Pre-registration required.

#### Willamette Valley Fall Ecology

**September 30, Sunday, 11–1 pm**

Join botanist Dr. Rhoda Love on an autumn hike along the trails of the Arboretum and Howard Buford Park. Learn about the ecology and natural history of the Southern Willamette Valley and use your hand lenses (provided) and binoculars to observe both subtle and more obvious seasonal changes. Warm up before and after the hike with hot cider and cookies. Bring a snack or lunch. Meet at the Visitor Center, rain or shine. Fee: \$5 (MPA members free!) Limit 20 participants.

### Siskiyou Field Institute Courses

To learn more about courses or to reserve your place, visit [www.thesfi.org](http://www.thesfi.org) or call 541-597-8530.

#### Nature Writing Retreat with David Rains Wallace

**September 21–23, Friday–Sunday**

Join David Rains Wallace, author of *The Klamath Knot*, for a writing retreat at SFI's new home, the Deer Creek Center in Selma. Through explorations of local ecology and nature writing traditions, students will gain experience in observing and writing about natural habitats. Reading and discussion combined with field trips will provide practical and theoretical introductions to writing about the natural world. Participants will write short pieces that will be considered and discussed. Class size is limited to 12, so register now for this incredible opportunity! Tuition \$100.

# Rescuing Oregon's Treasures

by Jo Meyerkord, Center for Plant Conservation

Oregonians cherish their native plants. The sense of stewardship felt throughout Oregon is overwhelming. Native Oregon plants give residents their sense of place and help identify their region. According to the Oregon Department of Agriculture (ODA), Plant Division, Native Plant Conservation Program, 60 plants in the state are listed as endangered or threatened in the State of Oregon. The Center for Plant Conservation's (CPC) Participating Institutions are currently working with 47 species in the state, trying to secure them against extinction. Throughout the U.S. approximately 15% of plant species are in steep decline or considered at risk.

Headquartered in St. Louis, CPC is a network of 36 botanical institutions involved in the study, preservation, conservation and restoration of the nation's imperiled native plants. The network of botanists has been studying and working to help recover imperiled plants for more than 20 years. CPC's goal is to recover all imperiled plants across the country, so that our declining native plants are thriving again.

Unlike popular garden ornamentals, many native plants have had little research attention and little is known about their basic biology propagation, restoration or management needs. Fortunately, scientists at The Berry Botanic Garden (BBG) in Portland are working hard to collect, clean and store seed for future restorations. Their expertise and commitment make them leaders in the conservation community. The Garden has its own seedbank onsite, a 7' x 9' vault that houses over three million seeds of more than 300 native species.

Collaboration is necessary to succeed in restoring these species and CPC is all about partnerships! CPC institutions are working in communities nationwide monitoring, securing seed and working with the local and federal agencies to restore habitats and rare populations. These partnerships with the Oregon Natural Heritage Program and similar organizations make it possible to make a difference on the ground within the state. Find those working in Oregon in our Conservation Directory at [www.centerforplantconservation.org](http://www.centerforplantconservation.org).



ED GUERRANT

*Koehler's rockcress produces showy purple blooms on the rocky outcrop where it makes its home.*

The Berry Botanic Garden works with 61 species in the National Collection from the Pacific Northwest. Andrea Raven, conservation biologist, is currently working in partnership with the ODA, the Burns District of the BLM, and the USFWS on a second reintroduction attempt with the extremely endangered Malheur wirelettuce, *Stephanomeria malheurensis*, a plant that has experienced one catastrophe after another. Devastated by drought, fire, flooding, and invasives, it was added to the Federal Endangered Species List in 1982. In 1987, the team attempted the first native plant reintroduction in the Pacific Northwest. The initial outplanting of 1000 plants of this annual species established a flickering population that appears to have again become extinguished around the millennium. BBG provided seed and seedlings for ODA, which outplanted them this spring. Additional plants were retained at the Garden to produce additional seed of this highly self-pollinating species for additional reintroduction and long term storage in the bank. As with many vulnerable plants, invasive species are a significant threat

*continued from page 84*



ED GUERRANT

*The surprisingly small seed vault at the Berry Botanic Garden holds over three million seeds.*

## Rescuing Oregon's Treasures

continued from page 83

to this species. Learn more about invasive species by visiting "Learn how to fight invasives" on our website.

Koehler's rockcress, *Arabis koehleri* var. *koehleri*, a member of the mustard family, has amethyst blooms, a stark contrast to the muted rocky outcrop it calls home. Native only to Oregon, the rockcress has decreased in populations since its discovery in the mid 1800s. Road construction, livestock grazing, and herbicide drift are just a few of the threats the species faces on a regular basis. The team at BBG has partnered with the Roseburg District of the BLM to reintroduce the species.

Educating the public on native species is a crucial tool in spreading the

work of Oregon's imperiled natives. Conservation education starts early. In a recent survey, a surprising number of students were unable to identify plants as being alive. Parents and educators may be interested in "Plants in Peril, a guide to exploring biodiversity and rare native plant conservation for middle school educators", an intriguing lesson plan that will help start dialogue in the classroom about native plants. Available at the CPC website by clicking on "Education Tools," the topics include biodiversity, rare native plants, challenges to saving plants in peril, multiple student activities, ideas for action projects, and additional resources for educators. This lesson plan was developed by CPC as a means of reaching youth with native plant information.

Local institutions are working

everyday with CPC's scientific standards and protocols to make a difference for Oregon's vulnerable plants. There is a role in support, education, and volunteerism for everyone who wants to help.

CPC has established a plant sponsorship program to build sustainable funding for vulnerable plants. For each sponsored species, funds are provided annually to assist in restoration efforts. These funds have already significantly supported work for the Malheur wire lettuce. The Koehler's rockcress is not sponsored. If you'd like more information about CPC or plant sponsorship visit our website [www.centerforplant-conservation.org](http://www.centerforplant-conservation.org) or call 314-577-9450. Let's work together to make sure Oregon's imperiled plants populations are restored for future generations!

## Friends of the Oregon Flora Project



[www.oregonflora.org](http://www.oregonflora.org)

The Oregon Flora Project greatly appreciates your support.

Contributions can be made out to NPSO with "OFP" on the memo line and mailed to:

Friends of the Oregon Flora Project  
P.O. Box 402  
Corvallis, OR 97339-0402

## NPSO Items for Sale

**NPSO Membership Directory** lists names, addresses, phone numbers, and e-mail addresses of NPSO members (April 2007). Available from Jan Dobak, 2921 NE 25th Avenue, Portland, OR 97212-3460. \$4 postpaid.

**Vascular Plants of Lane County, Oregon: An Annotated Checklist** Emerald Chapter, NPSO. More than 1,740 species and varieties representing 39% of the 4,460 plants currently recognized by the Oregon Flora Project are listed with information on habitat, ecoregion, occurrence frequency, and native or non-native origin for every species. To order, send \$15 payable to Emerald Chapter, NPSO to Lane County Checklist, Emerald Chapter, NPSO, PO Box 902, Eugene, OR 97440-0902.

**Louis F. Henderson (1853-1942): The Grand Old Man of Northwest Botany** by Rhoda M. Love. NPSO's second Occasional Paper is the only existing publication with detailed coverage of the long and fascinating life of this John Muir-like western character. Included: 56 pictures, 133 notes, chronology, list of plants named for Henderson. Fourth printing, February, 2004. **Price \$10.** To order, send check for the appropriate amount (made payable to NPSO) to: **Occasional Papers, NPSO, PO Box 902, Eugene, OR 97440-0902.**

**Salal T-shirt.** Attractive forest green t-shirts with botanical drawing of *Gaultheria shallon* in cream-colored ink by Carlton, OR artist and Cheahmill Chapter member, Marilyn Karbonski. High quality t-shirts, S-XL, short sleeve **\$15 plus \$5 shipping.** To order, call Jennie Sue Dunn-Dixon at 503-472-1745.

**"Land of Umpqua" T-Shirt** featured at the 2005 Annual Meeting is still available. It depicts the delightful *Calochortus umpquaensis* illustrated by Dorothy Schattenkerk and in cream, purple, yellow, and green. The shirts are **\$16 plus \$5 shipping** and come in light gray, beige, pink or light blue in sizes M, L, and XL. To order call Ron Hatt at 541-863-7024.



# NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_

Phone \_\_\_\_\_ E-Mail \_\_\_\_\_

Chapter (if known) \_\_\_\_\_

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

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_

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

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3927 Shasta View St.  
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DUES include monthly *Bulletin* and yearly *Kalmiopsis*.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

- New                       Renewal
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**CONTRIBUTIONS** to NPSO are tax deductible.

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*Membership in the Native Plant Society of Oregon is open to all.*  
Membership applications, renewals and change of address (include old address) should be sent to the Membership Chair.

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- IMMEDIATE PAST PRESIDENT ..... Kelli Van Norman ..... kellivn@pcez.com, 503-236-8787
- VICE PRESIDENT ..... Dan Luoma ..... 3740 NW Harrison, Corvallis, OR 97330; vice-president@NPSOregon.org; 541-752-8860
- SECRETARY..... Harold Zald..... Forest Science Dept., 321 Richardson Hall. OSU, Corvallis, OR 97331; secretary@NPSOregon.org
- TREASURER..... Cyndi Dion ..... 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

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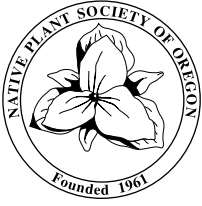
- BLUE MOUNTAIN (Pendleton) .... Jerry Baker..... P.O. Box 662, Athena, OR 97813; bm\_president@NPSOregon.org; 541-566-2244
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- CONSERVATION, EAST SIDE..... Position vacant
- CONSERVATION, WEST SIDE ..... Position vacant
- FRIENDS OF OR FLORA PROJECT.. Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
- LEGISLATIVE ..... Les Helgeson ..... greenhills@oregoncoast.com; 503-398-5965
- MEMBERSHIP..... Clayton Gautier..... 3927 Shasta View St, Eugene OR 97405-4442; membership@NPSOregon.org
- RARE & ENDANGERED PLANTS.... Les Gottlieb ..... 1085 Timberline Ter., Ashland, OR 97520-3436; leslie@ashlandhome.net

### PUBLICATIONS

- BULLETIN EDITOR..... Tanya Harvey.....bulletin@NPSOregon.org; 541-937-1401
- KALMIOPSIS EDITOR ..... Cindy Roché..... P.O. Box 808, Talent, OR 97540; kalmiopsis@npsoregon.org
- WEBMASTER ..... Norm Jensen..... webmaster@NPSOregon.org



*Send change of address notices  
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## NPSO Needs You!

**T**he Native Plant Society of Oregon is the only organization in the state entirely devoted to native plants. For over 40 years, members of NPSO have worked to conserve our native plants and their habitats; led field trips and work parties; hosted meetings, wildflower shows and plant sales; given lectures and much more. They have also performed the many mundane tasks required to keep the organization working, both on the state and chapter level. None of this could be done without volunteers. If you are not already a volunteer, please consider contributing some of your time, energy, and talents to help NPSO pursue our important mission.

### CURRENTLY VACANT POSITIONS

**Conservation Chair and Committee Members.** The conservation chair advises the state board on issues/actions happening around the state that may affect native plants and their conservation. The chair plays a vital role in keeping the board informed about present and future issues so that the NPSO can respond to proposed actions that may affect plant conservation.

**Education Chair and Committee Members.** This committee focuses on creating outreach opportunities to engage and educate the public about native plants—their conservation, diversity, ecology, and importance to our natural heritage.

**Fellows Committee Member.** The Fellows Committee gathers information about botanists/naturalists who have made significant contributions to our knowledge of Oregon's flora and nominates individuals for NPSO Fellows (lifetime achievement) awards in recognition of their outstanding contributions.

If you are interested in any of these positions or would like more information, please contact NPSO state president, David Lebo, at [president@NPSOOregon.org](mailto:president@NPSOOregon.org).