



# Bulletin

of the

# Native Plant Society of Oregon

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

VOLUME 39, No. 2

FEBRUARY 2006

## High Desert Chapter Involvement in Conservation Activities

*by Berta Youtie, High Desert Chapter President*

**H**ave you been wondering what the High Desert Chapter has been doing lately? When the board meeting was held in Prineville last October, I was asked to write an article for the *Bulletin* about the Chapter's conservation activities. Being tired and jet lagged having returned from Tanzania the previous evening, I agreed. The Chapter recently decided to suspend holding formal meetings for the coming year. However, the work of the executive committee continues. If members are interested in helping, please contact me at 541-447-8166 or [hd\\_president@NPSOregon.org](mailto:hd_president@NPSOregon.org) or Stu

Garrett at [garrett@bendcable.com](mailto:garrett@bendcable.com).

Last year the High Desert Chapter sent a letter to Oregon Department of Fish and Wildlife (ODFW) commenting on the Oregon State Sagegrouse Plan. In it, we encouraged ODFW to promote the use of genetically local, native plants in any restoration activities. We also made comments to the US Forest Service (USFS) on their Environmental Impact Statement for the Crooked River National Grasslands recommending (1) minimizing soil disturbance to discourage noxious weed growth, (2) reduction of western juniper to protect sagebrush steppe

habitats, and (3) use of local genetic, native plant materials in their restoration actions. A NPSO representative from our chapter sits on an advisory committee for the National Grasslands.

The High Desert Chapter has been instrumental in helping Eastern Oregon Stewardship Services and 25 local, state and federal partners to establish the Deschutes Basin Native Plant Seedbank (DBNPS). This is a collaborative

*continued on page 18*

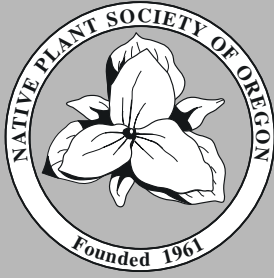
### IT'S STILL RENEWAL TIME!

The NPSO membership year is January to December. If you haven't already renewed for 2006, check your address label on this *Bulletin*. If you see 2005 printed along the top of the label, you need to renew. Your membership will lapse if you do not send in your dues soon. Renew now to make sure you don't miss receiving NPSO publications. NPSO brings you field trips, programs, classes, the monthly *Bulletin*, and *Kalmiopsis*.

It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Jean Davis Memorial Scholarship is awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues. Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO.

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## 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

Editor: Tanya Harvey

ISSN 0884-599. Published 11 times per year. Subscription price \$18/year. Date and issue number on page 1.

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. 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.

### Job Announcement

## Seasonal Plant Conservation Field Assistant Needed!

The Oregon Department of Agriculture's Native Plant Conservation Program has an opening this spring/summer for a field assistant with an interest in rare plants and conducting research, an ability to pay attention to detail, and a desire to work outside and travel around the state. This is a temporary full-time position, starting in the beginning of April, 2006, with an expected duration of 4-5 months. The position pays \$2069/month (\$11.94/hour).

The person in this position will assist in the implementation and monitoring of research projects focused on increasing available knowledge of the biology, ecology and conservation of Oregon's rare and endangered plant species. This is a great position for someone with at least two years of college (15 quarter hours in a biological science), basic computer skills, a driver's license and good driving record, and an ability to work both independently and as a team member. A background in biological sciences and a familiarity with Oregon native plants and field research is a plus.

This position involves a lot of time working in the field, either with one other person or in small groups, in remote areas for up to 4-5 days at a time. This position requires frequent overnight travel and long drives to locations throughout the state. Some camping may be involved. Outside work will be performed in all weather conditions. Some hiking, lifting and carrying of equipment, and physical work may be required.

If you are interested, contact Rebecca Currin for more information at 541-737-4333 or [currinr@science.oregonstate.edu](mailto:currinr@science.oregonstate.edu).



TANYA HARVEY

*On miserable, cold, rainy days, like the many we've been having, it helps to imagine the warm days of summer, your feet in a creek and the heavenly smell of mock-orange (Philadelphus lewisii) in the air. Have faith—it'll be here before you know it!*

## State

**March 25, Saturday, 10 am – 3 pm**

**Board Meeting:** The Mid-Columbia chapter will host the spring board meeting at the Columbia Gorge Discovery Center, 5000 Discovery Drive, The Dalles.

**June 9 – 11, Friday – Sunday**

**Annual Meeting:** The Willamette Valley and Cheahmill chapters will jointly host the Annual Meeting at Linfield College in McMinnville. More information and registration materials will be included in March *Bulletin*.

## Blue Mountain

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

## Ceahmill

**February 23, Thursday, 7 pm**

**Meeting: From the Backyard to the Watershed—Planting Natives at Multiple Spatial Scales.** Steve Roelof, President of the Portland NPSO Chapter, will discuss the challenges and opportunities of planting natives at a variety of spatial scales. Steve is a landscape designer who specializes in native vegetation. He will talk about the role of native plantings in parks, schools, bioswales and natural areas. Steve will also offer design tips for backyard native plant enthusiasts and highlight some of his favorite underutilized plants. Carnegie Room, McMinnville Library, 225 NW Adams St. Need more info? Susan Williams 503-538-1865 or helgesusan@comcast.net. Chapter website: [www.oregon-native-plants.com](http://www.oregon-native-plants.com).

## Corvallis

**January 28, February 11 & 25, Saturdays, 10 am – 1 pm**

**Workshop Series: Carex In Depth.** Barb Wilson of the Carex Working Group will lead a series of three workshops on sedge identification. These are aimed at beginners and advanced students alike. Attend one or all. Please bring any dissecting equipment that you have. Workshops will be held in 1070 Cordley Hall, OSU campus, enter through northwest door by herbarium. Please leave a message with

### 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.

John Syring at 541-752-0414 so we can be sure to prepare enough hand-outs for everyone.

**February 13, Monday, 7:30 pm**

**Meeting: Ethnobotany in the African Rain Forest.** Please join us for a unique talk by Duncan Thomas of the Smithsonian Institute. Duncan Thomas is a tropical forest expert who works in rainforests around the world. For more information please contact John Syring at 541-752-0414.

## Emerald

**February 27, Monday, 7:30 pm**

**Meeting: Little Shops of Horrors,** will feature Charlene Simpson's slides of the lures and traps of flesh-eating plants. Room 115, Science Building, Lane Community College, 4000 30th Ave. East, Eugene. Call 541-345-5531.

**March 11, Saturday, 9 am**

**Field Trip: Lichen Identification Walk on Blanton Heights.** Daphne Stone will teach lichen ID in an oak savannah southwest of Eugene. Bring hand lens and wear boots. The more sensitive may need poison oak protection. Meet at 9 am at South Eugene High School. We'll return to Eugene by 1:30 pm. For more information call Dave Predeek at 541-345-5531.

**March 27, Monday, 7:30 pm**

**Meeting: Trees, Travels and Waterfalls in Southern Brazil.** Alan Curtis is a forester with ongoing studies of forests in Latin America. Room 115, Science Building, Lane Community College, 4000 30th Ave. East, Eugene. For more info call 541-345-5531.

### Vases Needed for May Wildflower Festival

Do you have flower vases that you no longer use, or would you be willing to scout yard sales and second hand stores and purchase vases? These will be used for the flower displays at the annual

Mt. Pisgah Arboretum Wildflower Festival. Bring your vases to Emerald Chapter public programs and we will collect and store them for use.

## High Desert

There will be no meetings this winter. For information on the High Desert Chapter contact Berta Youtie at 541-447-8166.

## Klamath Basin

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

## Mid-Columbia

**February 1, Wednesday, 7:30 pm**

**Meeting: Spring Edibles and Medicinal Plants of the Columbia Gorge.**

Chapter member Kristin Currin owner/operator of Humble Roots Farm & Nursery, LLC will talk about some early spring greens that we can harvest this month and give information on other edible natives which will be ripening in the coming months. She'll also share her personal experience of starting a native plant nursery. The *Dalles Chronicle* Meeting Room, 317 E. 3rd, The Dalles.

**March 1, Wednesday, 7:30 pm**

**Meeting: Container Planting.**

Chapter members Lorraine Fritsch and Marilyn Sarsfield will give tips on planting in containers and some general information on the Klickitat County Master Gardners program. The *Dalles Chronicle* Meeting Room, 317 E. 3rd, The Dalles.

## North Coast

Wanted, new members for our group, located in Tillamook County. Trips subject to suggestions. Please phone Janet Stahl 503-842-8708.

## Portland

**February 9, Thursday, 7 pm**

**Meeting: Invertebrate Conservation on the Ground.**

Join Mace Vaughan, Conservation Director of the Xerces Society for Invertebrate Conservation, as he provides a context for the importance of invertebrates, their conservation and role in ecosystem functions. He will discuss endangered species (with case studies of the Taylor's checkerspot and island marble butterflies), development of a red list of pollinator insects, conservation of habitat for pollinators in agricultural landscapes, general educational efforts to engage the public, and challenges specific to invertebrate conservation efforts on the ground. Room #202, First United Methodist Church, 1938 SW Jefferson St., Portland. Located just uphill from the Goose Hollow MAX stop.

## Siskiyou

**February 16, Thursday, 7:30 pm**

**Meeting: Flora of Baja.**

Come spend an evening exploring the rugged canyons and coastlines of the Baja peninsula with Lawrence Birch and Wendy Loren. For the last decade, Lawrence and Wendy have been photographing the extraordinary diversity and bizarre adaptations found in the plants that thrive in the harsh, arid landscape of Baja. Founder of GivingTree Farm Herb Company in Eugene, Lawrence is joined by Wendy, LMT and Health Educator. Both are Certified Clinical Herbalists and Wildcrafters with a grand passion for the flora of the desert. Room 171 of the SOU Science Building, Ashland. Free and open to the public. For more information, contact Celeste Coulter, 503-780-6360.



*Sundews, like this rare great sundew (Drosera anglica) are intriguing insectivorous plants with glandular hairs on their leaves. The sticky fluid at the tips traps and digest insects. They grow in sphagnum bogs and wet areas with low nutrients in the soil. Their flowers only open in the sun. Charlene Simpson will show more insectivorous plants at Emerald Chapter's February lecture.*

TANYA HARVEY

## Umpqua Valley

**January 28, Saturday, 8:30 am**

**Field Trip: Beatty Creek RNA.** The flowers were just starting to bloom at this time last year. Beatty Creek, tucked away on the north slope of Cow Creek, is a wonderful place to view many different saxifrages. We will try to see them all this year. Meet at the parking lot behind the Douglas County Courthouse, 1036 SE Douglas Ave., Roseburg or at the Tri City McDonalds, Exit 103 at 9 am. For information call Sam Friedman 541-673-0589.

**February 9, Thursday, 7 pm**

**Meeting: Amazing Mosses.** Sam Friedman, chapter vice president, will give a presentation on the dazzling moss display of the western Cascade forests as seen during the drizzly, cool winter months. The speaker will acquaint the audience with such common Oregon mosses as the dusky fork moss, peat moss, water moss, hair cap mosses, the stair step moss, goose-necked moss, and bristle mosses. Be prepared to learn about the diversity of our common mosses with a slide show and actual moss specimens. Mercy Education Bldg., 2459 Stewart Parkway, Roseburg. For more information call Sam Friedman at 541-673-0589.

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

**Field Trip: Course Gold Road and Olalla Creek,** northwest of Roseburg, to see *Scolioopus hallii* along with many other early bloomers, including *Saxifraga howellii*, rosy plecritis, and buttercups. Meet at the parking lot behind the Douglas County Courthouse, 1036 SE Douglas Ave, Roseburg. For more information call Sam Friedman at 541-673-0589.

## Willamette Valley

**February 21, Tuesday, 7 – 8:30 pm**

**Program: Garden Photography: You Can Do It!** Award winning photographer Ron Cooper will discuss simple techniques that will make your garden photography more fun and rewarding.

During his 34-year career with the *Oregon Statesman* and the *Statesman Journal*, Cooper, a native Oregonian, has photographed major events in the Mid-Willamette valley, covered two national presidential nominating conventions and traveled on assignment to the former Soviet Union twice. Cooper's inquiring camera has also captured the beauty of gardens, plants and flowers. One special project involved photographing the seasonal shifts in David Rhoten's West Salem garden over a twelve month period. Since retiring from the newspaper in January, 2002, collections of his photographic work have graced homes, offices and public buildings throughout the area. During the presentation, Cooper will share some of his photos. Straub Environmental Learning Center, 1320 A Street NE in Salem (right next to Olinger Pool, near North Salem High School). The program is free and open to the public. For more information, please call 503-399-8615.

**March 2, Thursday, 7 pm**

**Program: An Introduction to the Botany of the Western Karoo of South Africa.** Dr. Robert Meinke, Plant Conservation Biology Program Leader at the Oregon Department of Agriculture and courtesy Professor at Oregon State University, will give a talk about the plants of the Western Karoo—a semi-desert plateau in South Africa. The area is rich in perennials that propagate underground (geophytes). Straub Environmental Learning Center, 1320 A Street NE., Salem (right next to Olinger Pool, near North Salem High School). Free and open to the public. For more information, call 503-399-8615.

## William Cusick

For information on the William Cusick Chapter call Frazier Nichol at 541-963-7870.

## Grant Proposals Requested

**N**PSO will continue to sponsor small field research grants. The objectives of the program are: 1) to stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state, and 2) to promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

**For a copy of the program policy and guidelines contact**

Dan Luoma  
Field Research Grants Committee  
Chair  
3740 NW Harrison Ave.  
Corvallis, OR 97330  
541-752-8860

or visit NPSO's web site, [www.npsoregon.org/comm/FRGC.htm](http://www.npsoregon.org/comm/FRGC.htm). Research proposals are due by March 1, 2006.

## Bulletin Mailing Coordinator Needed

**O**ur current mailing coordinator, Mike Hartman, has served well in this position ever since the *Bulletin* printing moved to Eugene in 2000. Mike wears many other volunteer hats for NPSO so we need to find a volunteer to take over this position. We are looking for someone who lives in the Eugene-Springfield area and is willing to put in one day a month (during the next-to-last week of each month) organizing the mailing of the *Bulletin*.

To find out more information about the position contact Mike Hartman at 541-485-5202.

## OTHER EVENTS

### Native Plant & Tree Sale

**February 24-25, Friday, 10 am – 6 pm & Saturday, 9 am – 3 pm**  
**Salem First Church of the Nazarene, 1550 Market St. NE, Salem**

The Marion Soil and Water Conservation District will hold its Fourth Annual Native Plant & Tree Sale Friday and Saturday, February 24–25. The sale will again be located at the Salem First Church of the Nazarene, 1550 Market St. NE, on the corner of Market and 16th.

Native plants help to enhance property value and provide food and shelter for birds and other wildlife. Also, once established, they require less water and maintenance since they are already adapted to our climate and soils! At the sale, we will feature great prices on bareroot plants and trees including Douglas spirea, Nootka rose, trillium, red & white alder, vine maple, and red-flowering currant. Plants will be sold on a first come, first serve basis. For questions and a list of the available plants, please call the Marion SWCD office at 503-391-9927 or check our website: [www.open.org/marಿಸwcd](http://www.open.org/marಿಸwcd).

### Berry Botanic Garden Events

*Portland's Berry Botanic Garden has a number of native plant oriented events. To register or to get more information on these and other events at the garden call Kris at 503-636-4112x22 or visit their website at <http://www.berrybot.org>.*

**Cabin Fever Hike on Rowena Plateau**  
**March 9, Thursday, 8:30am-late**

Ready to hit the trail? This is just a first taste of spring and summer hiking, but what a taste! Part of the Nature Conservancy's Tom McCall Preserve, the Rowena Plateau supports a wealth of early wildflowers. Grass widows, gold stars, desert parsley—there are always delightful surprises to be had in the rapidly-changing early spring season. The views of the Gorge and the terraced grasslands of Washington are tremendous as well. This is an easy hike of 2.2 miles round trip, with little change in elevation. Donations welcome!

### North American Butterfly Association Talk

**Diversity of Satyrine Butterflies**  
**February 6, Monday**  
**6:30 pm Food and Friends, 7:30 pm Presentation**

The Eugene-Springfield of the North American Butterfly Association (NABA) is pleased to present Dr. Andrew Brower, Professor of Entomology at Oregon State. With their subtle, cryptic coloration and flashing eye spots, the more than 200 species of satyrs have been less studied than their more brightly-colored butterfly kin. Our Cascadian representatives include Great Arctics, Alpines and Wood Nymphs. In the tropics they inhabit both shady and cloud-forest environments. Based on his field studies, expert knowledge, and DNA sequencing information, Professor Brower will unravel for us the current understanding of Satyrine butterflies. EWEB training room, 500 East 4th Ave., Eugene. Questions? Ellie Ryan 541-684-8973.

### Mount Pisgah Arboretum Events

*34901 Frank Parrish Rd, (off of Seavey Loop Rd.), Eugene. For more information or to register call 541-747-1504.*

**Lichen Walk**  
**February 4, Saturday, 10am – Noon**

Learn about the symbiotic relationships between algae and fungi that create the many species of lichens, and explore their ecological importance in Oregon forests and woodlands with local expert Daphne Stone. Donation: \$3. Meet at the Visitor Center, rain or shine.

**Singles Hike**  
**February 11, Saturday, 10am – 12 pm**

Come explore the Arboretum's less traveled areas with Tom LoCascio, Site Manager of 24 years. Enjoy great conversation and meet other outdoor-loving singles of all ages. After the hike, warm up with hot drinks and snacks. Donation: \$3. Meet at the Visitor Center, rain or shine.

**Illustrating Nature:  
Land of Lichens**  
**February 11, Saturday, 1 – 4pm**

Join natural science illustrator, Kristine Kirkeby, and go beyond line drawing. Learn to render texture, highlights, shadows and shape with the use of coquille (stipple) board. A short supply list will be provided upon registration. Fee: \$20 (\$15 MPA members.) Registration required. Held in the Arboretum Office.

**Winter Elder Walk (55+)**  
**February 17, Friday, Noon – 2pm**

Join other nature-loving seniors on an informative winter stroll. Explore the effect the changing seasons have on the flora and fauna at the Arboretum with Nature Guide Tom Bettman. Refreshments provided. Donation \$4. Meet at the Visitor Center, rain or shine.

## Grant Funds Available for Low Cost Watershed Enhancement

### Projects

The Middle Willamette East Small Grant Team, a partnership of local watershed councils, soil and water conservation districts and the Oregon Watershed Enhancement Board, is accepting applications for watershed restoration projects. Each grant can apply for total project funds of up to \$9,000. The Middle Willamette East Small Grants Team (serving Marion, Linn, and a small part of Clackamas County) has \$100,000 to award to these projects through June 2007.

Applications can be submitted directly to the Marion or Linn Soil and Water Conservation Districts. For consideration, interested applicants must first contact either the Marion or Linn SWCD for technical assistance prior to completing an application. The Middle Willamette East Team application deadlines are the first business days of March, June and September, 2006.

### Projects eligible for funding are:

- Streamside planting or protection
- Restoration or protection of upland habitats
- Wetland protection or restoration
- Urban watershed projects
- Irrigation efficiency
- Native fish habitat improvement or passage improvement
- Conservation practices that reduce erosion or other water quality impacts

Project proposals must originate in the areas defined by Marion, Linn or southern Clackamas counties that may include, but are not limited to the drainages and tributaries of the Pudding River, Pringle Creek, Claggett Creek, North Santiam River, South Santiam River, Mill Creek and the Calapooia River.

To receive applications and instructions, please contact the Marion SWCD at 503-391-9927 or the Linn SWCD at 541-926-2483.

Funding for these awards is made available from the Oregon Watershed Enhancement Board (OWEB) through Ballot Measure 66 approved by voters in 1998. Measure 66 specified that 15 percent of lottery proceeds be used for watershed enhancement and maintenance of state parks. OWEB uses this funding to support voluntary efforts to restore factors in watersheds that limit water quality, water quantity, and the recovery of listed fish. For more information on OWEB or any of its programs, please contact Kari Seely, Public Information Coordinator, or visit [www.oweb.state.or.us](http://www.oweb.state.or.us).

## Siskiyou Field Institute Events

Don't miss the rest of Siskiyou Field Institute's (SFI's) field season! SFI will be holding courses into February this year. For more information or to sign up for a class, call 541-592-377 or go online at [www.thesfi.org](http://www.thesfi.org).

### Winter Ecology

#### February 17-18, Ashland

Strap on some snowshoes and explore the winter world of Mt Ashland! Naturalist Kristi Mergenthaler will lead us in discovering the ingenious ways plants and animals adapt to a life in the cold and snow. We'll practice winter plant identification and learn how to interpret animal signs. Moderately strenuous snowshoeing. Okay for beginning snowshoers! \$60 per person

## Saving a "Magpie" Forest

*adapted from Washington State Magazine, winter, 2005-06*

Washington State University purchased a 14-acre "magpie forest" near Pullman last spring to save it from development. It's a remnant of the original Palouse prairie with hawthorn thickets, quaking aspen, mountain ash, and native shrubs, grasses and flowering plants. The site will serve as a research facility for students and faculty studying native plants. Rod Saylor, WSU natural resource scientist, intends to also propagate native plants and re-introduce them to other locations.

## Native Plant Gardener Needed

Buckman Elementary School in Southeast Portland would like to develop a native plant garden on the school grounds. We would like to work with a local native plant gardener in planning and planting the garden. Contact Tim Hahn at 503-319-7414 if you are interested in helping with this project.

## Correction

The 2005 Annual Report in the December *Bulletin* incorrectly credited Albert Gentner with donating the photograph of *Fritillaria gentneri* on the cover of the 2005 issue of *Kalmiopsis*. This photograph was donated by Siskiyou Chapter member John Erwin of Grants Pass. Albert Gentner provided funding for the color printing of the cover.

## High Desert Chapter

*continued from 11*

effort to increase the availability of genetically local, native seed for revegetation within the Deschutes Basin. Goals are to collect, propagate, store and make available seeds of common species used in restoration to federal, state and local agencies, non-profit organizations, and private companies and landowners. DBNPS will coordinate management, sale and inventory of native seeds, facilitate cooperation between partners and users of the seedbank and secure funding for the continuation of the work. Seedbank partners will also provide educational opportunities to its members, land managers, property owners and the public concerning benefits of native plants, their use and seeding guidelines. In summer 2004 local collections of bluebunch wheatgrass and bottlebrush squirreltail were made by Eastern Oregon Stewardship Services. This seed was given to L&H Seed to propagate in a 2-acre irrigated field. This past fall 350 lbs. of squirreltail and 179 lbs. of bluebunch wheatgrass were harvested. The majority of this seed has been sold to our members and local landowners. Idaho fescue seed is the next species to be put into production.

The NPSO is also represented on the John Day/Snake Federal Advisory Committee. The Committee provides representative citizen counsel and advice to the Secretaries of the Interior and Agriculture through the Bureau of Land Management (BLM) and USFS concerning the planning and management of the public land and natural resources located within our designated boundary. This includes portions of the Prineville, Vale and Spokane Districts of the BLM and the Umatilla, Wallowa-Whitman, Malheur and Ochoco National Forests. As we discuss and make formal recommendations on certain natural resource policy issues such as noxious weeds, native seed availability, off road vehicles, and various local and regional planning documents, the Forest Service Supervisors and BLM District Managers get a good sense on where they may find consensus in the



TANYA HARVEY

*Fort Rock is one of the highlights of central Oregon's high desert and a great place to botanize.*

general public. Our committee has played a significant role in assisting BLM on Standards and Guides for grazing management and on the John Day River Plan as well as advising the Forest Service on the Hells Canyon Comprehensive Management Plan and the Blue Mountain Forest Plan Revision.

Our chapter is always busy trying to reduce weeds on significant natural areas. In 1995, The High Desert Chapter noted that invasive species were a threat to the remaining native communities at Pilot Butte State Park in Bend.

We began a series of weed pulls and community education programs and have reduced the invasion of dalmatian toadflax and spotted knapweed by 95%. The Chapter assisted a local Junior High in growing native grasses to revegetate degraded sites on the Butte. We continue to monitor the status and conduct weed pulls every spring. We also assisted the Portland Chapter with the 90% reduction of teasel at Alder Springs on Squaw Creek and the BLM in controlling invasive medusahead rye on the Island RNA.

## Thank You to Those Who Contributed Through Earth Share of Oregon

If you count yourself among the thousands of Oregonians who donated to Earth Share of Oregon (ESOR) last fall, thank you! Employees in over 75 businesses and public agencies committed their support for Earth Share's 66 members who work to protect human health, preserve wildlife habitat and promote alternatives that will reduce the effects of global warming. NPSO is strengthened by our membership in Earth Share and by support from donors like you.

If your workplace is not currently involved in an ESOR giving program, this is how it works: ESOR works with employers to set up a program that allows employees to support environmental programs through payroll deductions. Through this program, employees can choose to support Earth Share as a whole, enabling all of ESOR member groups to benefit, or to designate their support for one or more specific groups. In this way, even a small gift of a dollar or two per paycheck adds up to a generous contribution. It's easy and it makes a difference! For more information, please contact Ron Shoals at ESOR: 503-223-9015 or [rrs@earthshare-oregon.org](mailto:rrs@earthshare-oregon.org); or visit [www.earthshare-oregon.org](http://www.earthshare-oregon.org).





## Lois Wesley Hopkins 5/28/11 ~ 12/6/05

by Mildred Thiele

Lois had a 30-year career of teaching and a 40-year love affair with wild flowers. She was a member of the California Native Plant Society for years before the Native Plant Society of Oregon was founded. She and her husband enjoyed roaming the back roads of our area. He would photograph the wild flowers and Lois would catalogue them under their common names. In 1960 Lois was delighted to find an extension course on identifying the flowers and she was soon adding the botanical names to her flora lists. Lois learned that I had just returned from Alaska where I had collected a coralroot which I thought might be a member of the heath family. Lois called me to help me identify the plant, actually an orchid, and we both discovered a mutual interest in our new-found love of flora identification. We became a team of three when we met Joan Fosback, another budding botanist, at the Glide Wildflower show.

During the flowering season we followed the network of forest roads throughout Douglas County. We hiked the trails to mountain summits and to the deflation plains at the ocean beaches gathering specimens to identify and listing the flora in each location we visited. Peck was our only reference book (no pictures), but we eagerly met the difficult challenge of solving the mystery of the intricate keys. The arrival of the first illustrated references added speed and accuracy to our plant identification. At the time the three of us drove to Eugene to take the night class on *Flora Identification* taught by Jim Hickman (editor of *The Jepson Manual*). Later we turned the tables and taught the class at UCC in Douglas County.

Lois and her flora enthusiasts were pioneers in helping to develop a number of the early floral projects of Douglas County. Starting in the 1970s, we collected and identified flora specimens for the Glide Wildflower show and continued for many years. In 1979 the

BLM contracted Lois and our group to prepare a Para-botanist training package to be used for field work with the sensitive plants of the Roseburg District. It was also used for their District Botanical Report of Sensitive Plants of the Roseburg District. We were invited by the Umpqua National Forest management to make a survey of the Boulder Creek Watershed which was included in the environmental report prepared as part of a study into possible classification of the drainage as wilderness area.

By 1980 our group was badly in need of a permanent home for our large collection of botanical material. Years earlier, Lois had discussed the possibility of an Herbarium with the first curator of the Douglas County Museum of Natural History. One of his goals for the museum was an herbarium housing specimens of each plant growing wild in the county. Lois took this idea to the then-present curator and he was delighted to have us establish a scientific herbarium to house our unwieldy collection. The Friends of the Museum were generous with cabinets, dissecting scopes, scientific books and many other supplies. Lois' knowledge of the proper procedure in processing specimens was invaluable. Both Dr. David Wagner and Dr. Ken Chambers gave valuable suggestions for developing a scientific herbarium. Now our collecting and processing of material took on a new dimension and our 42 volumes of identifier specimens could be replaced with the scientific herbarium collection. Mary Carlson joined the group that year and we settled into the permanent workshop at the Museum.

Next came the golden age of the computer! No matter that we four ladies were all over 60 years of age, we recognized the potential of the computer. By 1987 Lois and Mary had developed a database that would contain our scientific data concerning Douglas County flora. That database made it

possible for us to create any combination of our scientific data that we required for a specific project. We published, and later revised, the *Flora Distribution Survey for Douglas County*. We also compiled the *Herbarium Field Inventory* during the mid 1990s and revised it using the nomenclature changes provided by the Oregon Vascular Plant Checklist group.

Lois and her co-workers attended the first meeting of the Oregon Checklist for the Atlas Project. At the Meeting, Chairman Dr. Scott Sundberg asked for locations of floral listings throughout the state. When the Herbarium newsletter was printed with a map showing the locations of lists reported thus far, Douglas County was almost darkened in with pinpoints. Meticulously recording every flower blooming in each location had paid off big time. It is no wonder we were called "The little old ladies in hiking boots".

During the last 45 years Lois, with the devoted group of lay-botanists, has enjoyed working with the Douglas County flora. There have been moments of high adventure, like the time Lois walked out to explore a patch of bright green moss and suddenly found herself waist deep in a mountain bog, or when one of the group fell into a large hole while going down a steep hillside. When we reached the meadow below Lois discovered six huge Marijuana plants growing in fifty-gallon drums. She said we had discovered the true pothole!

Lois was active in the quest for knowledge of wildflowers until the day she died, on December 6, 2005. The Friends of Douglas County Museum have established a memorial fund in her name to be used for the Herbarium. Donations can be sent to the Douglas County Museum at 123 Museum Dr., Roseburg, OR 97470. Make checks payable to Friends of Douglas County Museum and note for Lois Hopkins Herbarium fund.

# There is Trouble in the Forest

by David McClurg, Emerald Chapter

I ride slowly along the riverbank trail on my bike, entering a wooded area of tall cottonwood trees. I listen in the silence for hints of the slow motion battle going on in this changing landscape. Dam building around the 1950s stopped the intermittent floods that used to course through this old river channel. You can still trace the path of the water through the low places full of sedges. Without the floods, something is happening. "Diversity of species is highest when disturbance occurs at an interval between the extremes. Ecologists have shown that in the complete absence of disturbance, superior competitors can slowly encroach upon other species and eliminate them by competitive dominance."(1)

There is trouble in the forest between the cottonwoods and the Douglas-firs. The only cottonwoods I see are old majestic towers, over 75 feet tall and likely more than 50 years old. There are no young cottonwood saplings. Instead, I see numerous Douglas-fir saplings scattered among them, ready to take their places as they fall. "Dam building has prevented regeneration of native riparian cottonwood stands. Cottonwood germination requires bare ground [and moisture] that winter flooding once provided."(2) Sadly, I realize that a forest dominated by Douglas-fir would be darker in the winter, lack the floating cotton fluff in the spring, lack the balsam river smell, and fail to provide for the great blue herons who like to nest here.

I see a broken twig with large sticky buds lying on the path in front of me. I remember how in the spring I put one in a jar of water and it easily sprouted many thin white roots. It is a cottonwood, adapted to life next to the river, and this is a form of propagation; a bridge to the next generation. I pick it up.

1. Kimmerer, Robin. 2003. *Gathering Moss* p.67
2. French, Pat. 2005. *Restoration and Monitoring Plan—Eastgate Woodlands of the Whilamut Natural Area* p.7

## NPSO Items for Sale

**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.

**The Atlas of Oregon Carex** was NPSO's first Occasional Paper. The Atlas has 128 location maps, one for each *Carex* taxon in the state of Oregon. Also included are a synonymy, fun facts about sedges, a history of the project, and Oregon geography maps. **Price: \$5.**

**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 either or both Occasional Papers, send check for the appropriate amount (made payable to NPSO) to: **Occasional Papers, Native Plant Society of Oregon, PO Box 902, Eugene, OR 97440-0902.**

**NPSO Membership Directory** lists names, addresses, phone numbers, and e-mail address of NPSO members (April 2005). Available from Jan Dobak, 2921 NE 25th Avenue, Portland, OR 97212-3460. **\$3 postpaid.**

**Oregon's Rare Wildflower Poster** depicts Punchbowl Falls and three of the Columbia River Gorge's endemic wildflowers. Stu Garrett, 21663 Paloma Drive, Bend, OR 97701, 541-389-6981. **\$12 each**, plus \$3 shipping per order. Posters are mailed in tubes.

**NEW 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 available again through the Umpqua Chapter. It depicts the delightful *Calochortus umpquaensis* illustrated by Dorothy Schattenkerk and in cream, purple, yellow, and green. Arched over the top in black letters are the words "Land of Umpqua", and underneath it says, "Native Plant Society of Oregon." 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.



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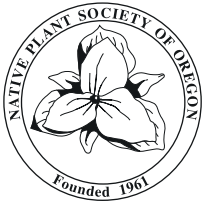
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Our fundraising campaign for 2005-2006 continues, and if you have not yet made a contribution to the Oregon Flora Project, we urge you to do so. Funds from these donations are currently the key component of our operating budget. They keep our staff employed, so that the Flora Project can keep you informed about the plants of Oregon!

We are very appreciative of the many contributions we have received thus far. If you donated in 2005, remember that this new year brings new opportunities for tax-deductible giving. And if you have not supported the Oregon Flora Project during this fundraiser, we certainly hope you will. We are pleased to be able to acknowledge those who con-

tribute \$300 or greater with a copy of the beautiful new book *Ever Blooming: The Art of Bonnie Hall*, edited by James D. Hall.



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

Your support will allow us to make progress on the Flora of Oregon, as well as keep existing resources available. Please help with a contribution today!

Make your check payable to either NPSO or the OSU Foundation, noting on it "Oregon Flora Project."

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