

Conservation and NPSO

by Albert W. Johnson, Westside Conservation Chair

The conservation of native plants is one of the major concerns of the Native Plant Society of Oregon (NPSO). Preservation is listed together with conservation in the bylaws and if there is a distinction between them, I see "conservation" as a commitment to the deliberately careful use of a resource to prevent its depletion, and "preservation" in the more active sense of accomplishing the goals of conservation. The greater our understanding of what is required to conserve and preserve the native flora, the more we appreciate how we need to extend these ideas and actions to habitats and the more we need to educate the public on their value to Oregon.

Definitions aside, both of these purposes involve all of us as individual members; as members of our local Chapters; and of the Society. As individual and Chapter members, we have the best opportunity to monitor and report on what is happening or being proposed that may influence native plants in our local areas. As Chapter members, we help support whatever political, moral or societal pressures needed to resist actions that the Society believes are detrimental to the health of the biota and to the State's ecosystems.

Oregon's native plants are subject to many different stresses that threaten their existence and survival. The single most important cause is surely the destruction or severe damage to habitats through urbanization, agriculture, forest practices, mining, grazing and introduction of aggressive, non-native

species. It is nearly impossible to separate each of these causes from the development of related infrastructures because as each expands, it requires a network of other land-consuming activities-roads and their rights-of-way, utility and transportation corridors, water supply and drainage needs, etc. Very often, in fact, infrastructure development far exceeds the area demanded by the initial stimulus. Examples of these kinds of creeping encroachment on habitats abound, but for the purposes of this article, I will talk about the development of Liquefied Natural Gas (LNG) facilities in Oregon because the potential harm that could be done to native plants is already apparent in some proposals.

In the LNG scenario, the following steps are envisioned: first, supercooled natural gas from several different overseas sources will be shipped in liquid form to receiving terminals in Oregon where it will be stored in tanks and reheated into a gaseous form; second, from there it travels to market in high pressure pipelines; third, the gas could be used in Oregon, or it may pass through to other states, such as California which has rejected the direct importation of LNG. The Federal Energy Policy Act of 2005 authorizes the use of eminent domain procedures to seize land for pipeline routes, so in the sense that proposed pipelines are part of the LNG infrastructure, if built, they will occupy much more area than that used in the LNG terminals.

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Don't Miss the 2008 NPSO Annual Meeting

July 11–13

in Eugene

Registration enclosed Information on pp. 42-44

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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, 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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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.

Willamette Valley Chapter Scholarship Rules

Here are the complete rules for the scholarships offered in last month's Bulletin.

- 1) Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
- 2) Scholarships are awarded in the amount of \$1000 to worthy students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.
- 3) A certificate will be presented to the recipient. A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
- 4) If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
- 5) Applicants are required to submit: in their own words, a statement of academic and career intent; two letters of reference from persons able to judge the tudent's ability to successfully complete study in the area of plant systematics or plant ecology; and a full academic record (transcript).
- 6) The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than May 1. The award will be made by June 1.
- 7) Scholarships cannot be granted to Committee members or their relatives.

Please mail applications and the required documentation to Thomas Jenkins, Scholarship Committee Chairman, 14380 Salt Creek Rd., Dallas, OR 97338.



Blair Lake from Google Earth. If you don't yet have high speed internet, the free, downloadable Google Earth software (http://earth.google.com) is reason enough to sign up for it. It is an incredible resource for hiking and botanizing. You can look at 3D aerial views of any area from any direction or angle and check elevations or coordinates. Hidden wetlands can be found (like one just above the twin lakes at the top right corner) and wetland vegetation types can be identified. Dark areas in the meadow by the lake are shrubby thickets, lighter ones are herbaceous. The lightest areas are rocky or dry. "Fly" over Blair on your computer, or better still, see it in person at this year's annual meeting!

State

April 5, Saturday, 10am-2pm

State Board Meeting: The Umpqua Valley Chapter will host the quarterly board meeting at The Douglas County Museum in Roseburg. From North or South I-5, take exit 123, turn right or left respectively onto SW Portland Ave., then turn right onto Frear St., right on Museum Drive. The Museum is on the east side of I-5 right under the activities sign. Please do not park directly at front entrance to the Museum so visitors will have a convenient place to park. Someone will direct you to the room from the front desk. An optional field trip to visit the Bilger Creek Calochortus coxii population will follow.

July 11-13, Friday-Sunday

Annual Meeting: Information and registration materials are included in this *Bulletin* and on the NPSO web site.

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

April 24, Thursday, 7 pm

Program: The Flora of King's Mountain. Jake Hurlbert has been documenting an ecological study of a temperate rainforest about 50 miles NW of Mc-Minnville near Elk Creek Campground for the past year. The study takes place between 600' and 3200' over a 2.5-mile climb on the slopes of King's Mountain, where rainfall is 100–200" of per year. This study explains the relationships between autotrophic and heterotrophic plants and animals; how insects and mushrooms help recycle the biomass; and why certain plants have problems where others thrive. His motivation for

*Special Native Plant Appreciation Week Event

the study was a large fruiting of phantom orchids that can only exist because of their mycoheterotrophic adaptation. Carnegie Room, McMinnville Library, 225 NW Adams St.

May 3, Saturday, 11 am-3 pm*

Event: Wildflower Show and Education Day. All activities will be at the McMinnville Public Library, 225 N.W. Adams St., McMinnville. We will play a new game called "Stump the Plant Chumps." The public may bring in

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. pictures or blooms and leaves of local plants for identification. It will be a kick to see how we do! In addition, we'll show a new Powerpoint presentation on Yamhill County roadside plants, give tours of the McMinnville Public Library native garden maintained by the chapter, listen to short talks about various aspects of native plants and related subjects, view exhibits, and have a native plant sale. Call chapter president Marna Porath at 503-835-1042 for details.

Corvallis

To join the Corvallis email list to receive notification of upcoming events, please email mattbs@peak.org

April 13, Sunday, 9 am

Field Trip: Wildflowers on the Run. This joint trip with the Sierra Club will emphasize hiking with an occasional stop to view wildflowers. Moderate elevation gain and about 6 miles of hiking along the Section 36-Powderhouse loop at Peavy Arboretum. Bring raingear, lunch and field guide. Meet at the Wilkinson Hall parking lot SW of The Beanery, 26th and Monroe, Corvallis. For more information contact Matt at 541-231-9861.

April 14, Monday, 6 pm

Dinner with Speaker. Join us for dinner at Nearly Normals, 109 NW 15th Street, Corvallis. All welcome. RSVP Matt at mattbs@peak.org so we can save table space.

April 14, Monday, 7:30 pm

Meeting: Plants of Western Australia. Jan and Dave Dobak will present a look at the wonderful flora of Western Australia. This program is a collection of pictures and botanical lore gathered during four month-long trips to Western Australia during the last decade. Meetings held at Avery House, Avery Park, Corvallis. For directions or information contact Matt Blakeley-Smith at 541-231-9861 or matt@appliedeco.org.

April 22, Tuesday, 6:30 pm

Work Party: Gardening with Na-

tives. Celebrate Earth Day and get your hands dirty. If you started seedlings during our winter workshop you will want to exchange plants with others! We will also clean-up the garden and enjoy the spring wildflowers. Please bring garden tools, seedlings to exchange (though not required), ziplock bags, and an after-dinner treat! Avery House, Avery Park, Corvallis. Contact Matt for more information (see above).

Emerald

April 21, Monday, 7:30 pm

Meeting: Exploring the Klamath-Siskiyou Bioregion. The area is known for convoluted geology and astounding biodiversity. Siskiyou Field Institute outreach Coordinator, Cece Bowerman, will give a presentation highlighting the intriguing characteristics of this region. After a short film, Cece will share slides of unique flora and fauna. EWEB Training Room at 500 East 4th Avenue, Eugene. Call 541-746-9478.

April 27, Sunday, 3–4 pm*

Wildflower Walk: Mount Pisgah Arboretum. Gear up for Native Plant Appreciation Week with botanist Dr. Rhoda Love who will lead a wildflower walk through the Arboretum to see the beautiful natives now in bloom. Refreshments provided. Meet in the Arboretum Visitor Center. Free.

May 3, Saturday, 9 am–1:30 pm* Field Trip: Blanton Heights Oak Savannah. The City of Eugene hopes to acquire a 200-acre parcel of land with a grant from the Forest Legacy Program. We will study native flora during a 3-mile walk through this property. Wear hiking shoes. Bring water and snacks. Meet at 9 am at South Eugene High School. Call 541-345-5531.

May 16, Friday, 10am-11am

Field Trip: Observance of Endangered Species Day in Eugene. Rhoda Love will lead a one-hour walk at Amazon Park. We will see the Federallylisted wildflower, Bradshaw's desert parsley, and the Amazon Prairie Restoration site. Meet at the Amazon Visitor Center on Hilyard Street south of the pool at 10 am. Call 541-345-6241.

May 17, Saturday, 9am

Mt. Pisgah Arboretum Wildflower Festival Collection and Setup. If you wish to help collect flowers for the show please contact David McClurg at dpm@efn.org or call 541-746-9478. To help set up displays come to the Arboretum at 9 am Saturday.

May 18, Sunday, 10am–4pm

Event: Mt. Pisgah Arboretum Wildflower Festival. There will be hundreds of native wildflowers on display and a plant sale. Come for the food, live music and information booths representing many local organizations. The event is sponsored by the Mt. Pisgah Arboretum; the Botany Dept. of Lane Community College and Emerald Chapter, NPSO. For more information call 541-747-3817

High Desert

April 17, Thursday, 7 pm

Meeting: Speaker to be determined. The High Desert Chapter will hold its monthly meeting at the Redmond Public Library, 827 SW Deschutes Ave., Redmond. For information call Maria Britton at 541-788-3468.

Klamath Basin

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

Mid-Columbia

April 10, Thursday, 7 pm Meeting: Planning for the April 20 Wildflower Show. Mike Igo will lead the discussion and explain where and how to collect plants as well as how to run a wildflower show. Board Room, Building 1, Columbia Gorge Community College, The Dalles.

April 20, Sunday, 10am–4pm

Event: Wildflower Show. The Mid-Columbia Chapter presents the Annual Wildflower Show at the American Legion Hall in Mosier.

North Coast

For information on the North Coast Chapter call Vivian Starbuck at 503-377-4141.

Portland

If you would like to receive the semiofficial, Chapter e-mail newsletter, The Calochortus, e-mail Don Jacobson at donjphoto@gmail.com

April 6, Sunday, 8:30am–4pm

Field Trip: Catherine Creek Labyrinth. Wildflower expert & photographer Don Jacobson leads this spectacular hike with diverse flora. About a 5-mile loop, 1000' of elevation gain. Contact Don at donjphoto@gmail.com or 503-235-6234 for carpool info.

April 10, Thursday, 7 pm

Meeting: Silver Star Mountain. Ginny Maffitt will present a program on hiking and botanizing on Silver Star Mountain in SW Washington. The Mt. Tabor Presbyterian Church on SE Belmont Street at SE 54th Ave. Enter the church parking lot from SE 54th Ave.

April 13, Sunday, 8:30 am

Field Trip: Angels Rest. Join wildflower enthusiast Paul Slichter for this flower filled hike in the western Columbia River Gorge, Expect to see Lyall's anemone, chickweed monkeyflower, hairy rock cress, trilliums and many others. Moderately strenuous hike, 5 miles roundtrip with 1550' gain. Contact Paul Slichter at 503-661-3292 or pslichte@teleport.com for meeting place or other information.

April 19, Saturday, 8:30am

Field Trip: Memaloose Hills. This approximately 6-mile hike is just east of Mosier (east of Hood River), in wildflower meadows and oak groves in gently rolling terrain (total elevation gain 800'). Chocolate lilies, shooting stars, paintbrushes, glacier lilies, the rare violet suksdorfia, and much more. Meet at 8:30 am at Gateway Park and Ride or 9:45–10 am at the trailhead; please contact me for exact meeting locations and so I know how many people will be attending. Beth Magnus, 503-706-5108 (cell), 503-226-7919 (landline), e-mail magnus@pcez.com.

Siskiyou

SOU Herbarium Public Hours

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

April 6, Sunday, 10 am

Field Trip: Lower Table Rock— Backyard Biodiversity and Vernal Pools. Molly Sullivan, Southwest Oregon Stewardship Coordinator with The Nature Conservancy, and Armand Rebischke, Siskiyou Chapter President, will describe the remarkable features that make this preserve a botanical treasure and take fellow hikers up to the vernal pools to investigate the unique organisms that inhabit them. Meet at 10 am, Lower Table Rock. Call Armand Rebischke 541-482-2141.

April 15, Thursday, 7:30 pm

Meeting: Plants from Maars. Ron Larson, biologist from Klamath Falls, will give a presentation on plants of the upper Klamath Basin. Ron will highlight some unusual habitats and plants that occur there, including volcanic landscapes known as maars. Ron has a broad interest in native plants and their pollination ecology, biogeography, adaptations, propagation, etc. His article on plants of the Gearhart Mountain Wilderness was recently published in the NPSO journal Kalmiopsis. Room 171 of the SOU Science Building, Ashland. For more information, contact Alex Maksymowicz, 541-482-1964.

April 26, Saturday, 9 am*

Field Trip: Rough and Ready Creek Trail to Mud Springs (Illinois Valley). Rough and Ready has a large variety of serpentine plants, some endemic to the area. The trail goes through Jeffrey pine woodland, rock outcrops, a Darlingtonia fen, and the Rough and Ready Creek flood plain. A portion of the area was burned by the Biscuit Fire. The hike is an easy 2-3 miles but does have several narrow spots with a steep incline down to Rough & Ready Creek. Meet at Illinois Valley Visitor Center, Cave Junction, half a block from Hwy. 199 on Hwy. 46. Call Armand Rebischke 541-482-2141.

May 3, Saturday, 12–3pm*

Event: Native Plant Awareness Week Spring Wildflower Show. Northwest Nature Shop, 154 Oak St. Ashland. View local blooming wildflowers and ask the experts all your wildflower questions. Come and get free wildflower seeds! Call NW Nature Shop 541-482-3241.

May 10, Saturday

Field Trip: Baker Cypress ACEC and Flounce Rock. Join Marcia Wineteer, BLM Botanist, for a short, very easy hike (around ¹/₂ mile RT) to the Baker Cypress ACEC above Lost Creek Lake. We'll spend about an hour monitoring survival of Baker cypress seedlings that were planted in 2006 and 2007, then look for wildflowers in the vernally wet meadows. Species of interest, in addition to the Baker cypress, include Lewisia triphylla and Paeonia brownii. We'll then drive a short distance to Flounce Rock for panoramic views of the Lost Creek Lake area and a few more wildflower species. Call Armand Rebischke 541-482-2141 for meeting time and place.

Umpqua Valley

April 10, Thursday, 7 pm

Meeting: LNG Pipeline. Updates on the latest developments with the Pacific Connector Gas Pipeline's impacts to native plants, particularly the crinite mariposa lily (*Calochortus coxii*). A regular business meeting will follow the presentation. Agenda includes planning for our upcoming plant sale. Meet upstairs in the Mercy Education Bldg., 2459 Stewart Parkway, Roseburg. For more info call Ron Hatt at 541-863-7026.

April 12, Saturday, 9 am

Work Party: VA Native Plant Garden. Join us for the camaraderie of working together for a good cause, as we spruce up the native plant garden. Bring gardening tools, gloves, water and lunch. Meet at the VA Hospital, in the west side parking lot of the Transitional Care Unit (TCU) off Garden Valley Blvd., Roseburg. For info call Ron Hatt at 541-863-7024.

April 19, Saturday, 8am

Field Trip: Agate Desert. View early spring bloom on the Agate Desert and on Upper Table Rock in the Rogue Valley. Plants to expect are *Downingia yina, Lasthenia californica, Limnanthes floccosa* spp *grandiflora,* and many more surprises. Bring rain gear and a lunch. Meet in the NE corner of the parking lot behind the Douglas County Court House, 1036 SE Douglas Ave, Roseburg, or at the Agate Desert Preserve in White City. For information call Sam Friedman at 541-673-0589.

Willamette Valley

April 9 & 10, W & Th, 7–8:30pm April 12, Saturday, field trip TBA

Class: Wildflower Identification.

Learn how to identify common flowers of forest, field, woodland, and riparian areas in this three-part class. Dr. Morris Johnson, Professor Emeritus at Western Oregon University, will explain the basics of plant identification, focusing on plant families among the 4,000 plants native to Oregon. Classes will be held at Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. Details about the April 12 field trip will be announced in the classes. The program costs \$5 and is open to the public. It is co-sponsored by the Friends of Straub Environmental Learning Center and the Willamette Valley Chapter. To register, please call 503-391-4145.

April 19, Saturday, 9 am-12 pm

Program: Native Plant Garden Tour.

The tour, hosted by the Friends of Straub Environmental Learning Center and the Willamette Valley Chapter, will start at the Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool. Directions to the gardens and plant lists will be provided. There will be guides at each garden. The tour will highlight five different kinds of native plant gardens. These include a small front yard in downtown Salem, an Oak savannah restoration project, an elementary school garden, and the Martha Springer Garden on the Willamette University campus. The tour is free and open to the public. For more info, call 503-391-4145.

William Cusick

All announcements about chapter meetings and field trips are also posted at www.williamcusick.npsoregon.org.

April 24, Thursday, 7 pm

Meeting: Restoring water to watersheds and complexity and stability of riparian ecosystems. Suzanne Fouty will focus on beavers and riparian habitats in the Burnt River watershed. Following Dr. Fouty's presentation, the chapter will discuss how to incorporate more detailed vegetation sampling into the ongoing Burnt River monitoring. Baker County Library, 2400 Resort Street, Baker City.

42nd Annual Glide Wildflower Show

April 26 & 27, 9 am-5 pm Glide Community Building, 20062 N. Umpgua Highway 138

This annual show features hundreds of plants from the diverse habitats of Southwestern Oregon, arranged by family and identified by botanical and common names. Photographs of rare and endangered species are also on display. Special exhibits highlight intriguing aspects of our native flora, and botanists will be on hand to answer visitors' questions. For more information please call 541-496-3323 or visit www.glidewildflowershow.org.

Frequently Asked Questions About the Oregon Flora Project

- Q. I love the Atlas, and use it frequently in my work and recreation. What's new there?
- A. As things now stand, the OFP will run out of money in June—all our staff will then be placed on leave without pay, and the Atlas will be turned off until sufficient funds can be raised to support our activities.



www.oregonflora.org

- Q. Is the Oregon Flora Project disappearing? What about all the botanical resources that have been assembled?
- A. No, we are not disappearing, BUT until we can pay the scientists who are assembling and disseminating these resources, they will not be available.
- Q. This is such a great state-wide resource; why doesn't the State, or Oregon State University (OSU) increase their support of the OFP?
- A. The Flora Project receives NO dedicated support from the State of Oregon or OSU. NO salaries are provided by OSU or the Herbarium. The OFP coordinator (half-time position) is contacting and requesting support from users of the Flora Project resources Most of these users currently do not provide financial remuneration. She will also continue to pursue new collaborations and support from within the University.
- Q. What can I do?
- A. Glad you asked! Here are some suggestions: (1) If you use Oregon Flora Project resources in your work, insist that your employers provide funds to sustain the OFP operations. (2) Contact OSU, state and federal agencies, and state legislators to insist upon financial support and recognition for the OFP.
 (3) Offer your expertise in grant-writing, public relations, fundraising and organizing, and plant identification as a volunteer for the Project. (4) Make a pledge for regular donations to the Flora Project.

Contact information for OSU, the Botany Department, the government and public agencies mentioned above is available on our website, or by calling Linda Hardison, OFP coordinator, at 541-737-4338.

OPB-TV Special on Invasives

The Silent Invasion April 22, Tuesday, 8pm

This season, Oregon Public Broadcasting's *Oregon Field Guide* embarks on a year-long campaign to engage Oregonians in the battle against invasive species. Don't miss this hour-long special on the effects of invasives. Visit the program website at www.opb.org/programs/invasives for more information and find out about volunteer events where you can help out with invasive removal and ecosystem restoration in Oregon.

WREN West Eugene Wetlands Walks

April 9: Willow Creek Natural Area April 23: Stewart Pond

Join us for Wetland Wednesday Wanders! These wanders through many areas in the West Eugene Wetlands are for those who are interested in taking casual walks just to get out and explore. Wanders will occur each second and fourth Wednesday of the month, from 9–10 am. WREN will provide binoculars. Wear shoes that can get wet and muddy. Call 541-683-6494 for more information.

horse-drawn traffic, and how it compares with today's flora. John is an ecologist with the Oregon Natural Heritage Information Center at OSU, \$5.

Annual Spring Plant Sale April 26, Saturday, 11am–3pm

Berry Botanic

11505 SW Summerville Ave., Portland.

To register or to get more information,

April 16, Wednesday, 7–8:30 pm

Cape Horn Spring Beauty Hike

April 17, Thursday, 9 am-4 pm

One of the newest and best of the

Washington Gorge hikes with mead-

ows, lush woods, views and a wealth

of spring wildflowers on a weed-free

ficult footing. Donations welcome!

April 19–20, Saturday–Sunday,

This workshop with scientific illustra-

tor Lynn Kitagawa will include lecture,

demonstrations and supervised draw-

ing sessions. Beginning drawing skills

of botany is needed. \$125. Limit 15

April 23, Wednesday, 7–8:30 pm

Join John Christy to hear about botani-

cal oddities recovered from 100-year-

old publications and specimens docu-

menting Portland's flora in the days of

Urbanizing Flora of Portland,

Oregon, 1806-2006

are recommended; no prior knowledge

Botanical Illustration

8:30 am-4:30 pm

route. 5 miles; moderate with some dif-

Join photographer and biology teacher

Paul Slichter for an enjoyable armchair

visit www.berrybot.org or call

The Seasons of Mt. Adams

forav onto Mt. Adams. \$8.

503-636-4112x102.

Garden

At Montgomery Park, 2701 NW Vaughn St., Portland. More than 20 vendors will offer unusual plants including Pacific Northwest natives, alpines, dwarf conifers and bonsai.

OTHER EVENTS

Mount Pisgah Arboretum

34901 Frank Parrish Rd. (I-5, exit 189 to Seavey Loop Rd.), SE of Eugene. For more information or to register Call 541-747-1504 or visit www.efn.org/~mtpisgah.

Eat Your Weeds! April 5, Saturday, 1–3 pm

Herbalist Sue Sierralupé will lead a guided walk discussing edible plants, sustainable harvesting techniques, and what not to eat. Take part in the preparation of food collected. Lunch is included! Registration required. Fee: \$30.

Trees, Forests, Ecosystems April 12, Saturday, 10am-noon

This in-depth tour of our many econiches is led by Rich Kelly, a BLM forester. Registration required. Fee: \$10.

Kids Work for the Earth April 13, Sunday, 1–4 pm

Kids age 5 and up will plant baby oak trees and learn about the relationships between trees and animals, plants, and humans. Call to sign up. Fee: \$5 per kid; grownups free with child.

Spring Field Botany April 26–27, Sat. & Sun, 10am–3pm

Improve your identification skills and knowledge of our local flora with botanist Tobias Policha. Topics include plant anatomy, family characteristics, and using a botanical key to aid in identification of flowering plants. Be prepared to go outside. Fee: \$55. Registration required.

Tualatin Hills Nature Park

Spring Native Plant Sale & Earthday Celebration April 12, Saturday, 10am–2pm, 15655 SW Millikan Blvd., Beaverton

Select from a wide variety of trees, shrubs and flowering plants. Check the Tualatin Hills Nature Park web site, www.thprd.org for "Spring Native Plant Sale List," and links to native plant information or call 503-629-6350 for more information. Free bag of potting soil with every \$25 purchase. Proceeds go towards future park improvements. Visit free Earth Day Celebration the same day. This year's theme is Wildflowers: Backyards and Beyond. Enjoy activities and displays on our native plants, go for a wildflower walk, and learn the benefits of native gardening.

North Mountain Park Nature Center

620 N. Mountain Ave, Ashland, www. northmountainpark.org. To register visit http://ashlandparks.recware.com or call the Nature Center at 541-488-6606.

Exploring Art in Nature April 3,10,17,24; Thursdays; 3:15–5:15 pm

Explore a variety of flaura, fauna and art media with artist and naturalist Rebecca Slosberg. a graduate student at SOU who has worked from Alaska to Florida leading interpretive programs and environmental education as a National Park Service ranger. \$30 class fee includes all materials.

Wildflower Walk in Lithia Park April 5, Saturday, 1–2:30 pm

Join Jim Duncan for a wildflower walk in beautiful Lithia Park. Jim will help identify spring wildflowers along some hillside trails. Meet at the Ashland Parks office at 340 S.Pioneer. Bring hiking shoes, water and a snack. \$5.

Hald-Strawberry Park Nature Walk April 29, Tuesday, 4:30–6 pm

Explore one of Ashland's less-visited trail areas on an easy-paced, 2-mile hike led by Nature Center Stewardship Coordinator Linda Chesney. Bring hiking shoes, water and a snack. Meet at the intersection of Scenic and Logan Dr. On-street parking is available. Ages 10 and up. \$5.

NPSO Annual Meeting in Eugene, July 11–13, 2008: The Beautiful White Oak Pavilion

by Rhoda Love, Emerald Chapter Annual Meeting Committee

In October I wrote about Emerald Chapter's plans for next July's NPSO Annual Meeting. I discussed the fabulous trips planned by Tanya Harvey, our field trip chair, pointing readers toward our website: www. emeraldnpso.org to see previews of our magnificent wildflower sites in the Western Cascades. Also at this site you can download plant lists for the field trip destinations such as Blair Lake, Fairview Peak, Fuji Mountain, Gold Lake Bog, Grasshopper Meadows, Moon Point, Patterson Mountain, Youngs Rock and others.

This month I want to describe our meeting venue: the gorgeous White Oak Pavilion at Mount Pisgah Arboretum. The Arboretum itself is located east of Eugene and Interstate 5, within the Howard Buford Recreation Area on the east bank of the Coast Fork of the Willamette River. There, the White Oak Pavilion is nestled in a grove of stately, centuries-old white oaks-thus its name. The pavilion was designed by local architect, Fred Tepfer (son of botanist Sandy Tepfer), to blend naturally into its wooded surroundings. Materials used in construction of the pavilion, completed in 2005, include

native western redcedar and Douglasfir; there are large folding doors on four sides that can be opened to views of the oak grove and river and high windows that let in the sun in the daytime and moon- and star-light at night. The Pavilion's 300 square feet can easily hold 200 people, and, since its opening two years ago, it has hosted annual Wildflower Shows and Mushroom Shows, as well as weddings, receptions, banquets, and summer nature camps.

At NPSO's Annual Meeting this July, Friday registration and a Friday evening social—including a wet bar with snacks and chamber music, and a slide show featuring our field trip destinations—will take place in the Pavilion. Saturday morning field trips will leave from Lane Community College; however, when we return from the Cascades, pleasantly tired, hungry, and thirsty, we will return to the White Oak Pavilion for an elegant catered banquet and evening program.

We are very pleased to announce here that our banquet speaker will be Dr. Barbara A. "Bitty" Roy, a plant ecologist from the University of Oregon Biology Department. (Nalini Nadkarni had a scheduling conflict, which will

prevent her from coming to Oregon in July.) Bitty Roy received her PhD from the Rancho Santa Anna Botanic Garden in 1992 and moved to Eugene in 2001. She teaches spring term plant systematics, is a member of Emerald Chapter of NPSO, and assists with our huge Wildflower Show each spring. Bitty has published over 30 articles on subjects related to plant-fungus-herbivore ecology. The subject of her very topical presentation to us will be false brome (Brachypodium sylvaticum), an aggressive new threat to Northwest ecosystems. She hints that this grass's local success may represent a case of "enemy release," in which a foreign invader has left its adversaries behind!

For a preview of the Mount Pisgah Arboretum and the White Oak Pavilion, we invite readers to visit Eugene for our annual Wildflower Show to be held there on Sunday, May18 (as always, the Sunday after Mother's Day) 10 am to 4 pm. In addition to a fantastic display of flowers, you will experience nature walks, great food, music, wine tasting, book and gift sales, and, of course, a chance to view Lane County's wonderful new meeting place, the White Oak Pavilion.



The White Oak Pavilion at Mount Pisgah Arboretum



Dr. Bitty Roy in the field

NPSO Bulletin

NPSO ANNUAL MEETING SCHEDULE AND ACCOMMODATIONS

Friday, July 11			
1:00-4:30 pm	Meet at MPA White Oak Pavilion for optional hikes at Mount Pisgah		
6:00–8:30 pm	Social at White Oak Pavilion*. Finger food trays and a no-host wine/beer bar included (but not dinner).		
8:00 pm	Slide show by Tanya Harvey will preview Saturday hikes.		
Saturday, July 12			
8:00 am	Meet at LCC northeast parking lot. Pick up lunch*. Check in with field trip leader. Be punctual as leaders will not wait for latecomers.		
8:15 am–4:30 pm	Depart from LCC lot for Western Cascades wildflower field trips! NOTE: Return times may vary.		
6:00–6:30 pm	Social at White Oak Pavilion. No-host wine/beer bar available.		
6:30–9:00 pm	Banquet at White Oak Pavilion. Presentation by Dr. Barbara "Bitty" Roy, "Outrunning the Enemies: False Brome in the Pacific Northwest," will follow announcements and new officer inaugurations.		
Sunday, July 13			
9:00–12:00 pm	Quarterly State Board Meeting at LCC Room 115. Others welcome to attend.		
9:00–12:00 pm	Meet at Mount Pisgah Arboretum for optional hikes around Mt. Pisgah		
9:00–3:00 pm	Meet at LCC northeast parking lot for optional day hike (probably to Patterson Mountain)		

* Additional fee required for this item. To add this item, pay on original registration form.

We recommend that you CALL NOW FOR ACCOMMODATION RESERVATIONS! The Olympic Trials will be held in Eugene the weekend before our event. The Oregon Country Fair is the same weekend as our Annual Meeting. Hotels are filling fast and B&Bs are booked a year in advance. Contact the B&B Association to check for possible cancellations. Times given are approximate driving time to Mt. Pisgah Arboretum, about 10 miles (15 minutes) southeast of downtown Eugene. If you want to arrange a private stay with local NPSO members, we suggest that you post your request on the NPSO list-serve.

Area Motels/Hotels

Convention & Visitors Association 800-547-5445, 541-484-5307 ww.visitlanecounty.org

Days Inn (13–15 min.) 1859 Franklin Blvd., Eugene 800-DAYSINN (800-329-7466) Group rates: 10 rooms have been reserved under group code: CGNPSO

Best Western New Oregon Motel (13–15 min.) 1655 Franklin Blvd., Eugene 541-683-3669 or 800-528-1234

Campus Inn (14–17 min.) 390 E. Broadway, Eugene 541-343-3376 or 877-313-4137

Hilton Eugene (15–20 min.) 66 E. 6th Avenue, Eugene 1-800-937-6660

Holiday Inn Express Hotel (13–15 min.) 2117 Franklin Blvd., Eugene 541-342-1243 Motel 6 (8–10 min.) 3690 Glenwood Drive, Eugene 800-4-Motel6 (800-466-8356)

Quality Inn & Suites (10–12 min.) 3550 Gateway, Springfield 541-726-9266

Super 8 (10–12 min.) 3315 Gateway, Springfield 800-800-8000

University Inn & Suite (13–15 min.) 1857 Franklin Blvd., Eugene 541-342-4804 or 800-424-5213

Valley River Inn (15–20 min.) 1000 Valley River Way, Eugene 800-543-8266

Hostels

Eugene International Hostel (12–15 min.) 2352 Willamette Street, Eugene 541-349-0589

Eugene Whiteaker Hostel (17–22 min.) 970 W. 3rd Avenue, Eugene 541-343-3335

Bed & Breakfasts

Eugene Area Bed & Breakfast Assoc. 541-343-3553 www.eugene-lodging.com

Campgrounds

Big Pool (45–50 min.) Fall Creek Road, 14 mi NE of Lowell

Black Canyon (45–50 min.) Hwy. 58, 15 miles E of Lowell

Broken Bowl (45–50 min.) Fall Creek Road, 13 mi NE of Lowell all 3: 541-822-3799, www.hoodoo.com

*Eugene Kamping World RV Park (15–20 min.) 90932 S. Stuart Way, Coburg 800-343-3008

*Richardson Park (35–45 min.) 25950 Richardson Park Rd, Junction City 541-682-2000 http://ecomm.lanecounty.org/parks.

*Advance reservations required.

FIELD TRIPS FOR ANNUAL MEETING: JULY 12, 2008

All field trips will leave from Lane Community College northeast parking lot. Pre-ordered box lunches can be picked up at this time. Please arrive promptly by 8 am. Leaders will not wait for latecomers. We will try to return by 4:30 pm. Carpooling is encouraged but is not arranged by NPSO. For those wishing a ride, a gas reimbursement of \$10 per passenger to the driver is suggested. Dress appropriately for weather. Visit www.EmeraldNPSO.org for more detailed information about these trips.

1. Bearbones Mountain. Leader: Jenny Lippert. Moderate, 2.5 miles RT, 1000' elev. gain. This short but steep trail leads to an old lookout site with lots of terrific rocky habitat and a great view. Some rare species usually seen farther south can be found here including *Ceanothus prostratus*, *Phacelia verna* and *Pellaea brachyptera*. It is also one of the most southerly sites for *Castilleja rupicola*. Expect to see later bloomers like 3 species of *Eriogonum*, *Luina hypoleuca* and *Piperia unalascensis*.

2. Blair Lake. Leader: Rob Weiss. Easy, 1 mile or so. There is much to be seen in the lush meadows by this beautiful lake. Expect 3 bog orchids, *Sisyrinchium, Pedicularis bracteosa,* columbines, and the uncommon *Packera subnuda* [*Senecio cymballarioides*]. The many shrubs here include 2 *Sorbus,* 5 *Vaccinium,* 2 *Lonicera,* 4 *Ribes* and 2 *Spiraea* and their hybrid. This is also an excellent place to look for butterflies.

3. Fairview Peak. Leader: Bruce Newhouse. Easy. 2.3 miles RT, 600' elev. gain. While it's possible to drive to the lookout and great view atop Fairview Peak, you'd miss many of the terrific plants that cover the slopes. Walking up the road allows you to enjoy the many belly flowers and butterflies as well as the masses of colorful *Ipomopsis aggregata*, *Linum lewisii*, *Orthocarpus imbricatus* and *Linanthus nuttallii*.

4. Fuji Mountain or Mount June. Leader: Dave Predeek. Moderate to strenuous, 3 miles RT, 1000' elev. gain. This short but steep hike to an old lookout site at 7144' is the easiest access to floral treasures of the High Cascades like *Minuartia obtusiloba, Polemonium pulcherrimum, Hulsea nana*, and the rare *Silene suksdorfii* and *Potentilla villosa*. The view is second to none but not for those with a fear of heights. Bugs may be a problem. If the heavy snowpack hasn't melted in time, we'll head instead to Mt. June, another short but steep trip to great flowers at a much lower elevation.

5. Gold Lake Bog. Leader: Dave Wagner. Moderate, 2 miles round trip plus mucking around in wetland. Carry a second, dry pair of walking shoes or wear rubber boots. Be prepared for intense mosquito attention. Gold Lake Bog is home to at least five species of insectivorous plants, including three bladderworts likely to be in bloom and masses of great sundew, also bog birch and several potamogetons. Rare and interesting mosses and liverworts will be a highlight of this trip.

6. Grasshopper Meadows. Leader: John Koenig. Moderate, 2.8 miles RT, 900' elev. gain. This peaceful trail begins in an unusual incense cedar/grand fir forest. It quickly opens up to a giant sloping meadow with large patches of *Linum lewisii*, *Ipomopsis aggregata*, *Lilium columbianum*, *Lupinus latifolius*, and *Penstemon procerus* in July. The edge of the meadow is lined with areas of rocky cliff with *Eriogonum umbellatum*, *Castilleja hispida* and *Heuchera merriamii*. This is a great place to look for butterflies, grouse and Peregrine falcons as well. 7. Groundhog Mountain. Leader: Tanya Harvey. Easy, roadside. At least 8 wetlands as well as outcrop and meadow habitat can be found in this area. We'll pick several to stop at and look for wetland specialties such as *Drosera rotundifolia*, many *Carex*, 3 *Platanthera* species, and the rare *Epilobium luteum*. Butterflies and hummingbirds are abundant here especially in the rockier areas where *Monardella odoratissima*, *Ipomopsis aggregata*, *Eriogonum marifolium*, and many composites grow.

8. Hells Half Acre. Leaders: Gail Baker and Clay Gautier. Moderate, 3.2 miles RT, 700' elev. gain. Our destination is a large sloping meadow ringed with beargrass. Moisture funnels down the center into a wetland with *Dodecatheon jeffreyi, Pedicularis groenlandica* and later *Kyhosia bolanderi* and *Parnassia cirrata*. On the way, we'll see old growth conifers, a wetland with *Oxalis trilliifolia* and several smaller meadows with *Calochortus subalpinus* and *Polemonium carneum*. If there's time, we'll check out masses of *Heuchera chlorantha* and *Platanthera dilatata* along the nearby floriferous roadside.

9. Hemlock Butte Wetland. Leader: Loren Russell. Easy, roadside. We'll visit several easily accessed wet meadows and a dry meadow just west of Diamond Peak. Plants seldom seen in Lane County like *Allium validum* and later *Gentianopsis simplex* and *Lilium pardalinum* can be found here. Hybrid spiraeas, willows and other shrubs, 3 species of bog orchids and many different conifers also provide interest.

10. Moon Point. Easy, 2.2 miles RT, 200' elev. gain. Butterflies love the lush meadows filled with *Erigeron aliceae*, *Valeriana sitchensis*, and *Solidago canadensis*. Seven species of *Ribes* can be found. A somewhat difficult dip at the end of this otherwise level trail leads to a viewpoint clifftop with *Erigeron cascadensis*, *Castilleja rupicola* and a wonderful "bonsai" ponderosa pine. Rare plants and ones more common to the south include *Asarum wagneri*, *Orobanche pinorum*, *Silene bernardina*, *Veratrum insolitum*, and *Agastache urticifolia*.

11. Patterson Mountain. Moderate, 4.6 miles RT, 500' elev. gain. This trail leads through majestic old growth forest to a large wet meadow and a dry meadow, and ends at a viewpoint rock outcrop. We should see a variety of plants including *Veratrum californicum*, *Camassia leichtlinii, Sidalcea cusickii, Piperia unalascensis, Castilleja miniata, Sisyrinchium angustifolium, Penstemon rattanii* and *Montia chamissoi*.

12. Youngs Rock. Leader: Sabine Dutoit. Moderate to strenuous, 3.5 miles RT, 1400' elev. gain. This trail climbs a scenic ridge through dry forests of grand Ponderosa pines, oaks and Douglas-fir dotted with many small meadows, to the base of Youngs Rock, a 300' monolith. Many unusual plants can be seen including 2 rare *Piperia* and many non-chlorophyll orchids and monotropes including lots of *Monotropa uniflora*. Several *Clarkia* and *Madia* should be also be in bloom.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name	DUES include monthly <i>Bulletin</i> and <i>Kalmiopsis</i> when pu Membership is for the calendar year. New memberships			
Address	July 1 include the following year.	enfonce after		
City State Zip+4	New Renewal			
Phone E-Mail	$\Box Student - $12 \Box Regular - $18 \Box Family - $$			
Chapter (if known)	☐ Sustaining – \$50 ☐ Patron – \$100 ☐ Life Meml	-		
Is this a change of address? If so, please write your old address here:	Subscription Only (Bulletin and Kalmiopsis) – \$18 Only for those who wish to subscribe, but do not want to have full membership status.			
Address	CONTRIBUTIONS to NPSO are tax deductible.			
/100/035	Jean Davis Memorial Scholarship Fund	\$		
City State Zip+4	Leighton Ho Memorial Field Botany Award Fund	\$		
Please make checks for dues and contributions payable to:	Rare and Endangered Plant Fund	\$		
NATIVE PLANT SOCIETY OF OREGON	Friends of the Oregon Flora Project	\$		
Send completed form and full remittance to:	Membership in the Native Plant Society of Oregon is oper	n to all.		
Clayton Gautier, NPSO Membership Chair 3927 Shasta View St. Eugene, OR 97405-4442	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.			

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Send change of address notices and membership requests to: Native Plant Society of Oregon Clayton Gautier, Membership Chair 3927 Shasta View St. Eugene, OR 97405-4442

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TIME DATED MAIL

New NPSO Secretary Needed!

NPSO will soon need a new State Secretary. This is a great opportunity to learn what the different chapters and committees of NPSO are doing. This is also a great experience for someone interested in how a small non-profit organization operates. Responsibilities include attending and participating in State Board meetings as a voting member, organizing and distributing Board meeting reports and minutes, and assisting the NPSO President in developing Board meeting agendas. A large time commitment is usually not required. If you are interested in the position, please contact the current secretary, Harold Zald, at harold.zald@oregonstate.edu or the NPSO President David Lebo at president@NPSOregon.org.

Conservation and NPSO

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Is there a tangible threat to native plants in these projected developments? One such is already known. According to Ron Hatt, past President of the Umpqua Valley Chapter, the proposed route of the Pacific Connector Gas Pipeline goes "right through" the Bilger Creek population of Calochortus coxii, the Crinite mariposa lily. a state Endangered and a Federal Species of Concern. A botanical survey conducted by Siskiyou BioSurvey LLC in August 2007 showed that the route would also go directly through populations of Lupinus sulphureus ssp. kincaidii, Kincaid's lupine, a state Endangered and Federally Threatened species.

As NPSO President David Lebo remarked in his letter on this situation to Governor Kulongoski, "it would be a tragic mistake if elements of Oregon's native flora were lost or severely diminished by the development of energy resources whose need has not been conclusively shown to be crucial to Oregon's energy future."

Governor Kulongoski has stated recently that proposals having to do with the importation and infrastructure of LNG be deferred until there is thorough analysis of Oregon's future energy needs from non-renewable sources, and in *The Oregonian* on March 8, 2008, U.S. Rep. Peter DeFazio was quoted as stating that Oregon should hold veto power over plans that did not adequately take into account local concerns.

For more information about the proposed pipeline project visit www. umpqua-watersheds.org/local/Pipeline. html.