



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of Oregon's native vegetation

VOLUME 33, No. 4

APRIL 2000

New Bulletin Editor!

Tanya Harvey takes over this month as our new *Bulletin* editor, replacing Richard Greenough. NPSO owes a heartfelt thanks to Richard for his expertise these last few months. Things have been running very smoothly!

Tanya brings to us a background in graphic design and fine art. She is a lover of wildflowers, wild animals and wild places, and frequently explores the central Cascades and the rest of Oregon for enjoyment, as well as for her art.

The *Bulletin* deadline remains the 10th of the month for the following month's issue. If you have items to submit, continue to send them to the Editor at bulletin@NPSOregon.org. To streamline the input process please use the NPSO chapter name in the subject for calendar items, and the article name otherwise.

A New Look and a New Name?

It's a new millennium, and perhaps a good time to talk about change! The look of this month's *Bulletin* reflects some of the talents of our new editor. Other changes may be possible in the future depending on printer capabilities, but the new look is being "floated" for your evaluation and feedback.

Tell us what you think, and why: do you like the changes? Did you like the "old look" better? Are there some other changes you would like to see?

In addition to the new look, a new

name is being considered, possibly one that will reflect something to do with the 'nature' of our group. A couple of the first suggestions are:

Oregon Sunshine, Oregon Native Plant News, NPSO News.

Do you have any other name ideas? Do you like any of these? Do you have any suggestions for a new logo or revamping the current one? If you have comments about any of these ideas, please send them to the Editor at bulletin@NPSOregon.org.

Annual Meeting at Malheur Field Station June 23-25

Mark your calendar now for the Annual Meeting! Plan to be in Harney County June 23, 24, and 25 at the Malheur Field Station south of Burns. The weather should be great and the flowers bountiful! Friday during the day is being set up as the every-other-year Rare Plant Meeting for Oregon (see page 38). Friday evening will be an informal gathering. Saturday night will include our annual banquet, installation of officers, and dinner speaker/entertainment. Everyone will be able to depart Sunday morning.

We will essentially have the Field Station to ourselves. It will be easy on your pocketbook with breakfast, lunch, and dinner costing under \$20 per day. Dorm accommodations should run under \$20 per person per night RV hookups are available. Charges are \$18 per person per night for dorms with trailers and RV hookups available. NO PETS. Meals are \$20.00 for 3 meals including sack lunch.

For Meals and Lodging contact the Malheur Field Station, HC 72, Box 260, Princeton, OR 97721, phone and fax: 541-493-2629, email: mfs@burnsnet.com

The Malheur Field Station is an old government training camp. Accommodations are simple, clean and not luxurious. There are beds, but bring your own bedding and towels. Basic cooking equipment is provided in some of the dorms and all of the trailers. Also recommended are bug spray, sun screen, flashlight and drinking water. Water at the station is safe, but many find it has a mineral taste.

For Annual Meeting Registration: send name, address, and \$5 fee to Stu Garrett, 1501 NE Med Center Dr, Bend, OR 97701. Please indicate first and second choices for field trips.

For registration form and Field Trip information see page 43.

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2000 Oregon Rare, Threatened and Endangered Plant Conference

The Oregon rare, threatened and endangered plant conference will be held on Friday, June 23rd at the Malheur Field Station, located approximately 30 miles south of Burns, within the Malheur National Wildlife Refuge. The NPSO annual meeting will follow on the next two days, Saturday and Sunday, June 24th-25th. Registration for the T&E conference will be from 8:30-9:00 am; the conference will start at 9:00 am and last until about 5:00 pm. There is a tentative registration fee of \$5.00 per person, which is separate from the registration charges for the NPSO meeting. Any and all people are welcome to attend.

The main purpose of this conference is to update the status of Oregon's

rare vascular plants, using as the starting point the plant list from the 1998 booklet, *Rare, Threatened and Endangered Species of Oregon*. This list is also available online at www.heritage.tnc.org/nhp/us/or

Please submit any recommendations you have for additions, deletions, corrections or any other comments before June 1 to:

Sue Vrilakas,
Oregon Natural Heritage Program
821 S.E. 14th Ave.
Portland, OR 97214
phone: (503) 731-3070 x 338
fax: (503) 230-9639
e-mail: svrilakas@tnc.org.

A summary of these pre-conference recommendations will be posted on the

Web page (see above for Web address). Results from the conference will be posted on the Web page for further review. Additional comments may be made after the conference up to the time of re-publication of the next version of the booklet, *Rare, Threatened and Endangered Species of Oregon*, sometime mid-2001.

Attendees are responsible for arranging their own lodging and meals. For further information and making reservations, please contact the Malheur Field Station directly at (541) 493-2629. In consideration for the Field Station's staff need for advance preparation, please do not wait until the last week if you wish to stay or eat there.

Siskiyou Field Institute

The Siskiyou Field Institute (SFI) will offer numerous field courses and workshops for adults and youth from June 16-30. Last year over 350 people participated in SFI programs, which focus on the natural history of the Siskiyou, and the greater Klamath Region. The majority of SFI programs are based out of Cave Junction in the Illinois River Valley.

This year's multi-day programs include the following courses: Trees of the Western Siskiyou, Glorious Graminoids: Sedges, Rushes & Grasses of the Siskiyou, Conservation Biology in the Field, Shrubs of the Siskiyou, Fire Ecology, Forest Ecology of the Klamath Mountains, Geo-ecology of the Klamath-Siskiyou Ecoregion, Recognizing & Keying Plant Families, Nature Writing, Carnivorous Mammals of the Klamath Bioregion, Introduction to Siskiyou Geology, Wilderness First Responder and a Vocational Bird-watching Series. Some of these courses will be available for college credit through Southern Oregon University.

One day workshops include: Serpentine Plant Ecology, Native Seed Collection and Propagation, Botanizing Bolan Peak/Lake, Botanizing the

Crest Trail, Speleology of Caves, Wild Medicine: Ecologically Balanced Medicine Making, Geoecology of Oregon Caves National Monument, Glacial Ecology, Siskiyou Trails: A Natural History, and Salmon Snorkeling.

For youth there will be workshops on ethnobotany, reptiles and amphibians, animal tracking, nature drawing and writing, exploring habitats, and insects.

On June 17, SFI will host a banquet with a keynote presentation on "Ethnobotany of the Siskiyou" by Donn Todt, whose SFI 1999 ethnobotany course received rave reviews from participants. On the evening of June 16, SFI will present talks by Kelpie Wilson on "Biodiversity Mapping in the Klamath-Siskiyou," and Pat Higgins on "How Computer Technology Can Help Save Pacific Salmon." The annual Illinois River Festival, which features educational activities and performances that highlight the natural and cultural history of the region, will take place during SFI on June 24.

There are numerous options for lodging and camping. We have rented the Sis-Q-Meadows Camp on Rough and Ready Creek, where bunk space,

camping and meals will be available. Camping and lodging are also available at local campgrounds and motels.

We hope you'll be able to join us! A full brochure of course descriptions and other events will be available in late February. If you are not on our mailing list and would like more information please contact

The Siskiyou Field Institute
PO Box 220
Cave Junction, OR 97523
(541) 592-4459
email: institute@siskiyou.org
www.siskiyou.org.

POSTAL NOTICE

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They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

State

April 8, Saturday

Next Board Meeting in Ashland.

June 23-25

Annual Meeting: Malheur Field Station. See article on front page.

Blue Mountain

April 10, Monday

Meeting: "Vernal Pools, and other odds and ends" a slide show by Ruth Rouse. 7 pm at the Small Business Development Center, SE 1st and Dorian, Pendleton.

April 29, Saturday

Field Trip: Jerry Baker will lead a trip to see lower elevation wildflowers; location will depend on what's blooming where. We'll meet at the NE corner of Safeway parking lot in Pendleton at 8:00am. Let Jerry know if you're coming: 541-566-2244, or jrbaker@ucinet.com.

Cheahmill

March 30, Thursday

Meeting: Monarch Butterflies and Their Host Plants, a slide talk by Robert Michael Pyle. Robert is the author of several books, including *Chasing Monarchs*, *Audubon Field Guide to the North American Butterflies*, *Where Bigfoot Walks*, and *Thunder Tree*. His first book, *Wintergreen*, won the John Burroughs Medal for Distinguished Natural History Writing. 7 pm, Jonasson Hall, Linfield College

April 15, Saturday

Field Trip: Airport Park. Leader: Marilyn Karbonski. A valley bottom mixed-species forest park where *Erythronium revolutum* and *Trillium parviflorum* will be in bloom. Meet at

park at 10:00am. For more info, call Marilyn at 503-852-7230.

April 16, Sunday

Field Trip: mid-Columbia Chapter's wildflower show and Tom McCall Preserve. Join us for our annual trip to view the mid-Columbia Chapter's wildflower show followed by a moderate hike at The Nature Conservancy's Tom McCall Preserve at Rowena Dell in the Columbia Gorge. Views and flowers are spectacular at this time of year! Meet at 8:00am at the Linfield Ave. entrance to Murdock Hall at Linfield College. For information and to pre-register, call Kareen Sturgeon at 503-472-0866.

April 22, Saturday

Work Party: McMinnville Public Library. Join us in planting more perennials in the Native Plant Garden at the McMinnville Public Library to ready the garden for the upcoming garden dedication ceremony on May 21, 2000. Start at 9:00am. For more information call Dave Hanson at 503-843-4338.

April 27, Thursday

Cheahmill Chapter Social Informal gathering to share ideas about our favorite subject—native plants.

May 25, Thursday

Meeting: Native Plants—In the Past Tense, a slide talk by Ann Trieu. Ann is currently working on her PhD in anthropology at Southern Illinois University at Carbondale. Her specialty is paleoethnobotany, which is an interdisciplinary field combining archaeology and botany. In this presentation she'll use archaeobotanical evidence to discuss how humans and plants interacted in the past, relying on work she's done on several archaeological sites along the Columbia River. 7:00 pm, Carnegie Room, McMinnville Public Library

Corvallis

April 10, Monday

Meeting: Dr. Kenton Chambers will talk on "Early Botanical Explorations on Onion Peak, Clatsop County". Meet at 7:30 pm at the Avery House, Avery Park, Corvallis. For more information please contact Gaylee Goodrich at 753-9227.

May 8, Monday

Meeting: Bonnie Hall on "The Art of Botanical Illustration". Note change of meeting place! We will meet at Room 2087, Botany Coffee Room at 7:30 pm, Cordley Hall, Oregon State University, Orchard Avenue and 27th street. Please enter the building on the west door next to the horticulture garden. For more information please contact Esther McEvoy at 754-0893.

Emerald

April 8, Saturday

Field Trip: Sweet Creek. An easy walk beside cascading Sweet Creek in a beautiful Coast Range valley settled in 1879 by Oregon Trail pioneer Zarah Sweet. We'll see *Erythronium revolutum*, the pink coast fawn lily, and much more. Meet South Eugene High School parking lot, 9am. Bring lunch and dress for weather. Drivers will need trail head parking permits. Co-leaders: Phil Warner, 345-5380 and Charlene Simpson, 465-1059.

April 22, Saturday

Field Trip: Undeveloped Kinney Park 5 miles south of Eugene on Gimpl Hill Road. The park includes a wetland, pine/oak savannah, and a Douglas fir forest. Purpose of the field trip is to develop a species list for the area. Meet South Eugene High School parking lot, 9am. Led by John Koenig and Dave Predeek. For more information, call Dave, 345-5531.

April 24, Monday

Meeting: "Carbon dynamics of Oregon's forests: potential for a new industry?" 7:30pm Room 109, Science Building, LCC main campus. Oregon's forests have a great potential to sequester carbon, yet we have never thought about managing them for this purpose. Given the need to reduce atmospheric carbon dioxide, this is about to change. Dr. Mark Harmon of Oregon State University will review the science needed to understand the carbon dynamics of forests, and describe how, by altering current forest management practices, forests in the region could help remove some of this unwanted carbon dioxide. Directions: Due to construction around the LCC Science building where our meetings are held, you will have to follow a new access route. Park in the south corner of the east parking lot, walk toward the Center Building, then approach and enter the Science building from the north.

April 29, Saturday

Field Trip to Raindance Ranch in the Coast Range near Monroe. The former Gospel Swamp is being turned into a "born-again wetland". In consultation with the Dept. of Fish & Wildlife, owners Warren and Laurie Halsey are restoring their 270 acre ranch to benefit wildlife and native vegetation. We will visit 4 ecosystems: wetland, meadow, riparian forest, and upland forest. Wildflowers should be at their peak. 5 mile moderate hike. Meet at South Eugene High School parking lot at 9am. Bring lunch and binoculars and dress for rain. For more info, call Peggy Robinson, 744-0439.

May 6, Saturday

Field Trip: Tour of the 1999 Mt. Pisgah burn. We will try to determine the effects of last summer's fire on native vegetation. Are there any new species we can add to the Mt. Pisgah list? Fairly strenuous hike. Meet South Eugene High School parking lot, 9am. Led by Dave Predeek. For more information, call Dave, 345-5531.

May 15, Monday

Meeting: "Cowbells, Churchbells, and Harebells: Botanizing and Hiking in the Swiss Alps". 7:30pm Room 109, Science Building, LCC main campus. Dr. Kareen Sturgeon of the Biology Department at Linfield College will present a slide show on how geology, climate, and topography conspire to produce one of the richest botanical regions in Europe.

May 21, Sunday

Event: Mt. Pisgah Arboretum Wildflower Festival. Come see a spectacular variety of native species collected from throughout Lane County. 10am - 4pm.

High Desert

March 28, Tuesday

Meeting: At 7:30pm at the Central Environmental Center, 16 NW Kansas St., Bend.

April 25, Tuesday

Meeting: Rare Plants of Central Oregon. Stu Garrett will present a program "Rare Plants of Central Oregon". He will show slides of our local rare species and update members about the latest information about them and ongoing efforts to conserve them. At 7:30pm at the Central Oregon Environmental Center, 16 NW Kansas St., Bend. Call Stu for details 389-6981.

Klamath Basin

For information on the Klamath Basin Chapter, call David Lebo at 883-8393.

Mid-Columbia

April 1, Saturday

Field Trip: Catherine Creek. See the shooting stars and much more. This hike is in conjunction with the Columbia Gorge Discovery Center. Call Dave Weiss at 541-296-8600 to sign up.

Limit 20. Meet at the Discovery Center (First exit in The Dalles eastbound and follow signs) at 10:30am. Leader: Barbara Robinson.

April 2, Sunday

Field Trip: The Fulton Canyon area, plant survey of a poorly botanized area, for the Atlas project. Bring your copy of Hitchcock for keying out plants. Meet at 9:30am in front of the Discovery Center (exit 82 off I-84) and follow signs.

April 5, Wednesday

Meeting: Amazon in the Iquitos. 7:30pm at the Discovery Center Theatre, first exit in The Dalles off I-84 eastbound, and follow signs. Our own Mary Jean Sargent will give a slide show on her recent boat trip on the Amazon in the Iquitos, Peru area, and an exciting walk in the jungle canopy.

April 9, Sunday

Field Trip: Survey for Atlas project. Place and time to be announced.

April 16, Sunday

Event: Our Annual Plant Show in Mosier. 10am - 4pm. We have labeled flowers from all over the Mid-Columbia region, and people to answer your questions. The flowers in the area are peaking, the cherry orchards should be blooming, and the Mosier firemen will feed you at their annual Smorgasbord, so come out and have a great day!

April 29, Wednesday

Field trip: The Dalles. Hike on private land near The Dalles through a dense field of balsamroot and lupine to three large vernal ponds with camas and other wetland plants. Help us make a plant list! Meet at 10:00am at the Columbia Gorge Discovery Center (Exit 82 off I-84, and follow signs). Call Barbara Robinson at 541-296-5334 for more information.

April 30, Sunday

Field Trip: Survey for Atlas project. Place and time to be announced

May 3, Wednesday

Meeting: Mushrooms and other fungi. At 7:30pm at the Discovery Center Theatre (Exit 82 off I-84, and follow signs) Mushroom enthusiast and Mycological Society member Maggie Rogers will give us a presentation on mushrooms and other fungi in our area.

North Coast

For information on the North Coast Chapter, call Christine Stanley, (503) 436-0161.

Portland

April 1, Saturday

Field Trip: East bank of the Deschutes River north of Sherar's Bridge. *Viola trinervata* and *Phoenicaulis cheiranthoides*, plus lots of other delightful plants; canyon wren and ospreys; spectacular scenery. Car botanizing with easy walking. 240 miles round trip driving (paved) plus 20 miles on gravel road. This is a long day trip: leave Portland 7:30am, return 6pm or later. Call Jan and Dave Dobak, leaders, 248-9242 for meeting place and information.

April 2, Sunday

Field Trip: Oregon Flora Project survey for Mid-Columbia chapter. Meet at the Discovery Center at The Dalles at 10am. For more info. see Mid-Columbia chapter calendar.

April 11, Tuesday

Meeting: Determining Conservation Priorities for Oregon's Rarest Plants. Bob Meinke, Plant Conservation Biology Program Leader for the Oregon Department of Agriculture, will present a program on "Determining Conservation Priorities for Oregon's Rarest Plants". The meeting will be held in the Fireside Room (#355) of the First United Methodist Church located at 1838 SW Jefferson St., in Portland. The room is open at 6:30pm for socializing and the meeting will begin at 7pm.

April 16, Sunday

Field Trip: Weldon Wagon Trail.

We'll join trip leader Beth Magnus as she takes us on a trail above Indian Creek with good views of the White Salmon River Valley. We'll be looking for a wide variety of *Lomatium*, *Viola sheltonii*, *Cypripedium*, Big Headed Clover, and many others. This trip can be as much as 7 miles R/T but we'll only go as far as we like. There is a 1,500ft. elev. gain. Leave at 8:30am Gateway/NE 99th Ave. Park and Ride, at the southeast corner of parking lot. Second meeting place will be at the Hood River McDonalds just before the Hood River Bridge at 9:45am. For more info. please contact Greg Stone 233-4761 or Beth at 226-7919.

April 22, Saturday

Field Trip: Work Party for Earth Day.

We will join Jonathan Soll of the Nature Conservancy to help with their restoration project and protect the rare *Delphinium leucophaeum*, by pulling up Scotch Broom along the Willamette River adjacent to Little Rock Island in West Lynn. A canoe trip to the island for lunch is in store. Rain or shine, so dress appropriately and bring work gloves, and a canoe if you have one! Tools and life jackets will be supplied. Meet at 9am at the West Lynn Boat Ramp off of Exit 6 from I-205. For detailed directions or more info. contact Greg Stone at 233-4761. Hope to see you there!

April 23, Sunday

Field Trip: Seven Mile Hill. Happy Easter!! Trip leader Russ Jolley will be searching for wildflowers and Easter eggs, so bring the kids, but not too little. We have about a 1,200ft. elev. gain for spectacular views of fields of Balsamroot and the Valley of The Dalles. We'll also be looking for *Astragalus hoodianus*, *Lupinus latifolius* var. *thompsonianus*, and several *Lomatiums*, and hopefully an occasional sweet surprise! Leave 8:30am from the Gateway/NE 99th Ave. Park and Ride, southeast corner of parking lot. Second meeting place is at exit 82 from I-84 east, (Chenoweth), at the

Texaco station at 10am. For more info. contact Greg Stone at 233-4761 or Russ at 286-2350.

April 29, Saturday

Field trip: The Dalles. Hike on private land near The Dalles through a dense field of balsamroot and lupine to three large vernal ponds with camas and other wetland plants. Help us make a plant list! Leave 8am from Gateway/NE 99th Ave. Park and Ride, southeast corner of parking lot. Second meeting place at 10am in front of the Columbia Gorge Discovery Center, (exit 82 off I-84 east, follow signs). For more info. contact Greg Stone at 233-4761 or see Mid-Columbia chapter entries.

May 7, Sunday

Field Trip: Columbia Hills. We'll meet trip leader Russ Jolley as he leads us from the top of Dalles Mt. Road to search for *Penstemon gairdneri*, *Eriogonum douglasii*, *Draba douglasii*, *Lewisia rediviva*, and many others. Hike is 5mi. R/T with 500ft. elev. gain. Leave 8am from Gateway/NE 99th Ave. Park and Ride, southeast corner of parking lot. Second meeting place at microwave tower at the top of Dalles Mt. Rd. off of SR14 at MP84.5, then go approx. 8 miles. For more info. contact Greg Stone at 233-4761 or Russ at 286-2350.

May 14, Sunday

Field Trip: Bald Butte. Happy Mothers Day! Join trip leader Beth Magnus as she takes us to the beautiful meadows and oak woods of the Mt. Hood foothills, south of Hood River Valley. We hope to see *Calypso bulbosa*, *Luina nardosmia*, maybe *Collomia grandiflora*, and many others, including the showy balsamroot. Although this trail is 8.4 miles R/T with a 2,300ft. elev. gain, it is up to the group as to how far we feel like going. Leave 8:30am from the Gateway/NE 99th Ave. Park and Ride, southeast corner of parking lot. We'll arrive at trailhead about 10am. For more info. contact Greg Stone at 233-4761 or Beth at 226-7919.

Siskiyou

Warnings: Be prepared for hiking. Sturdy boots are advisable for moderate hikes, but canvas shoes may suffice on others. Spring weather may be wet, cold, and stormy; summer weather can be hot with intense sunshine. Bring a lunch and water. The trip sponsors and land owners hold no liability; all trip participants will be required to sign a disclaimer. None of the trips are all-access (on trails suitable for wheelchairs). For more information, call the trip leader or Don Heinze at (541) 955-7247.

April 1, Saturday

Field Trip: Limpy Creek. 10:00am. Leaders - Linda Mullens and Maria Ulloa. Call Maria at the US Forest Service (531) 471-6500. A beautiful example of both serpentine wetlands and serpentine dry lands which is located very close to Grants Pass. Meet at the US Forest Service Office at 200 NE Greenfield Road in Grants Pass. Easy 1 mile hike.

April 8, Saturday

Field Trip: Rough and Ready. 10:00am. Leaders - Linda Mazzu at the BLM, (541) 618-2200 and Anita Seda. See the serpentine botanical gem that conservationists are trying hard to save in hopefully its most beautiful time. Rare plants such as Waldo rock cress, Douglas' monkey flower, and Siskiyou Mountains pennycress may be seen along with a huge host of other non-rare wildflowers. Meet at the Illinois Valley Visitor's Center in Cave Junction. Easy 2 mile hike.

April 15, Saturday

Field Trip: Star Flat. 9:00am. Leader - Don Heinze (541) 955 7247. A myriad of rare or once-considered rare plants such as California Lady's Slipper, California pitcher-plant, large-flowered rush lily, Del Norte sweetpea, Waldo rockcress and Siskiyou Mountains pennycress along with other not rare but beautiful lilies and orchids in an intriguing serpentine fen. Meet at the south side of the Selma Market parking lot in Selma. Easy 2-3 mile hike.

April 15, Saturday

Work Party: Whetstone Savannah Preserve. Here's your chance to put your muscle where your heart is! We will be pulling curly dock and wild oats at The Nature Conservancy's Whetstone Savannah Preserve, 9:00am til 12 Noon. Meet at the BLM parking lot in Medford. Wear waterproof footwear and bring a sturdy digging tool, if you have one. Stewardship Coordinator/Field Ecologist Molly Sullivan will be on hand to lead the effort and answer questions about the vernal pool/ white oak savannah ecosystem at the site. Questions? call 770- 7933

April 16, Sunday

Field Trip: Agate Desert. Leader - Molly Sullivan (at The Nature Conservancy, (541) 770-7933). This is one of the only places on earth where Agate Desert lomatium, a candidate for federal listing as a threatened/endangered plant, is to be found. The desert has other rare plants such as white brodiaea, wooly meadowfoam, and Agate Desert meadowfoam; the latter two which are found around its fascinating vernal ponds. Often there is a spectacular bloom of non rare wild flowers at this time of year. Blooming plants may include but are not restricted to popcorn flower, goldfields, miniature lupine, elegant brodiaea, native clovers, and carnas. Meet at 9:00am at the BLM parking lot, 3040 Biddle Road in Medford. Easy one mile hike.

April 20, Thursday

Meeting: Rhoda Love will present "The Grand Old Man of Northwest Botany: Louis F. Henderson 1853-1942". 7:30pm, Room 171 of the Science Building, Southern Oregon University, Ashland. For more info, call Susan E. Nyoka, 482- 2509.

April 22, Saturday

Field Trip: Lower Table Rock. 10:00am. Leader - Barbara Mumblo. See dwarf wooly meadow-foam, a rare plant found nowhere else on Earth, along with many other wildflowers in a

unique geological setting. Moderate 3-4 mile hike on good trails. Reservations are required—call Barbara at the USFS (541) 770-2349. Relatively easy 4 mile hike, but some may find the last 500 yards difficult.

April 29, Saturday

Field Trip: Illinois River Canyon. Leaders - Don Heinze (541) 955-7247 and Steve Marsden. 9:00am. Along with many other flowers, we will see the most accessible stand of *Kalmiopsis* (namesake of the Kalmiopsis Wilderness Area) and a population of western sopora, both rare plants that were originally found by and named for one of Oregon's best known pioneer botanists, Lilla Leach. USFS trail permit is required. Meet at the right (south) side of the Selma Market parking lot in Selma. Easy 2-3 mile hike on a good trail, but the slope from the trail to the Illinois River is high and precipitous.

Umpqua Valley

April 13, Thursday

Meeting: Bring your own flowers for display and discussion. Business portion of the meeting will include the election of officers. Douglas County Court House, Room 310, 7:00pm. Call Richard Sommer at 673-3709 for more information.

April 29, Saturday

Field Trip: Trip up the North Umpqua River with stops at the Glide Wildflower Show, Apple Creek to see *Cypripedium fasciculatum*, and Panther Creek to see *Kalmiopsis fragrans*. Meet in the BLM parking lot, 777 NW Garden Valley Blvd., at 8:00am. Call Russ Holmes at 672-4635 for more information.

Willamette Valley

Apr. 8, Saturday

Field Trip: To Corvallis, and the OSU Herbarium where we will assist the Herbarium staff in sorting,

preparing and mounting plants for filing. If anyone is interested in entering data for the Oregon Plant Atlas Project, Scott Sundberg, Coordinator of the Oregon Flora Project will be on hand to get you started. Please call Judy Oliver (503) 371-8709 to reserve your place and get further details. This is a great opportunity to learn and provide valuable assistance, all at one time!

April 17, Monday

Meeting: George Schoppert will present a program at our monthly meeting. Meeting starts at 7pm in room 225, at the First United Methodist Church, 600 State St., in Salem.

William Cusick

for information on the William Cusick Chapter call Frazier Nichol at (541) 963-7870.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. Trips may be strenuous and/or hazardous. Participation is at your own risk. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Bring water and lunch. 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.

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.

NPSO Annual Meeting Field trips

for Saturday, June 24 at Malheur Field station
(may be subject to change!)

Malheur Wirelettuce/Narrows ACEC ~ Nora Taylor

This Area of Critical Environmental Concern protects the site of one of Oregon's rarest plants, *Stephanomeria malheurensis*. We will visit the exclosures and help to survey the area for more plants. It looks like a good spring for this plant, which doesn't appear every year. Easy hiking under 2 miles.

The Nature Conservancy's Borax Lake Preserve ~ Dick Vandershaff

The Borax Lake Preserve is located in the spectacular Alvord Desert under peaks of Steens Mountain. See unusual salt-loving vegetation and the rare Borax Chub. Easy hiking under 2 miles.

Ethnobotany ~ Lucile Housley

Lucile is one of the most knowledgeable people on Native American uses of our endemic plants. Join her on a easy hike under 2 miles.

The Politics of Steens-Alvord Protection ~ Mark Armstrong

The Steens has been in the news recently and decisions will be made about long term designations. Join a long-term BLM employee and learn the issues involved. Easy hiking under 2 miles.

North Steens Loop Botany ~ Rick Hall

Rick is very knowledgeable about the plants of the Steens. He hopes to make it up the Steens Loop to look at the flora.

Fire Ecology South Steens Loop ~ Jeff Rose

The south Loop road provides access to areas that have been managed by fire. We will go with Jeff of the BLM to understand the issues and processes. Moderate hiking under 5 miles.

Ponderosa Pine Forest ~ Jennifer Barker

Jennifer will lead us to an old growth pine forest to see the flowers and understand this ecosystem. Moderate hike under 4 miles.

NPSO Annual Meeting Registration Form

Name _____

Address _____

City _____ State _____ Zip _____

Field Trip 1st choice _____

Field Trip 2nd choice _____

Mail this form or send info with \$5 registration fee to:

Stu Garrett, 1501 NE Med Center Dr, Bend, OR 97701

Summer 2000 Internship Opportunities in Native Plant Conservation

This summer the NPSO and Oregon Department of Agriculture (ODA) will be jointly sponsoring three internship positions, offered to provide hands-on experience in conserving some of Oregon's rarest and most imperiled native plant species.

Interns will work with staff members of the ODA Plant Conservation Biology Program, and affiliated Oregon State University Department of Botany graduate students, on a variety of conservation projects taking place throughout the state. Some of the potential projects for this summer include:

- hybridization studies and conservation of *Oenothera wolffi*, a threatened southern Oregon beach species;
- reduction of seed predation and research on introgression in *Sidalcea nelsoniana*, a rare Willamette Valley wildflower;
- conservation of *Pleuropogon oregonus*, Oregon's rarest grass;
- monitoring and recovery efforts for *Plagiobothrys hirtus*, an endangered wetland plant of the Umpqua drainage;
- re-introduction of *Perideridia erythrorhiza*, a rare southern Oregon native with edible roots;
- mycorrhizal/soil relationships in, and seed collection for, *Astragalus applegatei*, an endangered wild pea of the Klamath Basin.

Internships will last six weeks, beginning in mid-June (exact starting date somewhat negotiable), and will be based out of Oregon State University in Corvallis. Each intern will receive an educational stipend of \$2,500, half provided at the beginning of the summer, and the other half upon completion of the season and submission of a one-page written account of the internship experience for publication in the

NPSO *Bulletin*. Interns will also receive overnight travel allowances when working out of town. In addition to the monetary stipend, interns will gain experience in the basic principles of study design and data collection, an understanding of issues, techniques, and approaches in conservation biology, training in the use of dichotomous keys, floras, and lab equipment, and familiarization with Oregon's incredible floral diversity.

Positions may require extensive overnight travel, operation of state vehicles, camping, working in remote areas, and potential exposure to harmful animals and plants, and harsh terrain and climate. Desirable internship candidates will possess a sincere interest in, and enthusiasm for, Oregon's native flora and its conservation. Preference will be given to applicants with education and/or experience in biology, and those with demonstrated aspirations to advance their personal development in the field of conservation biology. Internship applications will consist of college transcripts (unofficial copies acceptable), a résumé, two letters of recommendation, and a one-page written essay on how the intern expects to contribute to, and benefit from, the summer conservation biology experience.

Completed application materials should be mailed to:

Dr. Robert Meinke,
Department of Botany and Plant Pathology,
Oregon State University,
2082 Cordley Hall,
Corvallis, OR 97331-2902.

Applications must be received by April 17, 2000. Additional questions about the internship or application requirements should be directed to Steven Gisler (ODA) at 541-737-4420 (gislers@bcc.orst.edu).

Davis Scholarship Available

The Jean Davis Memorial Fund is again offering a Scholarship for the 2000-2001 school year in the amount of \$1000. This will be given to a full-time student enrolled in plant systemics or plant ecology in the state of Oregon. We are looking for undergraduates who have completed two years of College work.

To receive more information and an application, which must be submitted by May 30th, please call or write to:

Harriet Schoppert
11265 Phantom Ln. SE
Stayton, OR 97383-9606
(503) 859-2613

Eastside Conservation Chair Needed!

The Native Plant Society of Oregon is looking for a new Eastside Conservation Chair. Stu Garrett has been in this position for several years, and is moving on to other tasks—creating a space for an enthusiastic volunteer (or two!) who wants to work on behalf of NPSO on conservation issues. Recent examples are providing input for long-range conservation strategies for Steens Mountain, as well as providing occasional analysis and input regarding US Forest Service, BLM and State of Oregon policies affecting native plant habitats east of the Cascades.

If this interests you, contact Stu at garrett@coinet.com or Bruce Newhouse (President) at newhouse@efn.org

Mount Pisgah Arboretum Wildflower Festival: "Gardening with Native Plants" May 21

by Gail Baker, Assistant Professor, Lane Community College

Planning has begun for this year's Festival located at the Mt. Pisgah Arboretum just out side of Eugene along the coast fork of the Willamette River. Here is what is organized so far.

The beautiful Bleedingheart, *Di-centra formosa*, will grace the poster announcing the event. This species is a native plant in our area and can be found in low elevation moist woodlands from British Columbia to California. At the Arboretum a large population is in the Watergarden area. It is easy to grow, naturalizes well, and commonly found in nurseries. A more detailed profile of this plant will be available at the Festival.

A special highlight of this year's festival will be the Nursery Section. Local nurseries will have an exhibit area

and representatives on hand to answer questions about gardening with native plants. A selection of native plants offered by each nursery will be on display. Current efforts are also being made to invite authors of books about gardening with native plants to the Festival. At the very least, a variety of books on native plant gardening will be offered for sale. As usual you can depend on the traditional favorites of the show. The large display of native plant species, an exhibit of poisonous and medicinal plants, the interpretive nature walks, the plant sale, information booths and food booths, entertainment, children's activities and much more.

The Wildflower Festival is the result of a cooperative effort between Arboretum staff and volunteers, members



Wildflower Festival

of the Native Plant Society of Oregon, and faculty and students at Lane Community College. The Festival will take place Sunday, May 21 from 10:00 - 4:00. The suggested donation is \$3 for individuals, \$6 for families. For more information call (541) 747-3817 or check the Mt. Pisgah Arboretum web site at www.efn.org/~mtpisgah.

Glide Wildflower Show ~ April 29-30

The 34th annual Glide Wildflower Show opens the last weekend in April at the Glide Community Building in Glide, Oregon. Hundreds of plants from southwestern Oregon are arranged and identified by botanical and common names. Included are exhibits and specimens of wildflowers, trees, shrubs, lichens, liverworts, mosses, ferns, and grasses. Photographs of rare and endangered species are on display.

The show is held at the Glide Community Building, 17 miles east of Roseburg off Highway 138. The suggested donation is \$2 per person. Early admission for photographers only Saturday and Sunday 8-9am. Regular hours are Saturday and Sunday 9:00am to 5:00pm. Monday May 1 is for school groups, by prearrangement. The show is sponsored by community volunteers and the Glide Community Club. A floral book and an identification guide will be available for a nominal charge. For more information call (541) 496-3616.

Spring Field Botany Workshop

Fri.-Sun., April 28-30, 9am - 3pm
Taught by Dr. Rhoda Love, retired
LCC Botany Professor.

Learn to identify and recognize common wildflowers of the Willamette Valley. Includes discussion of botanical terms, plant family characteristics, and scientific names. Learn to "key" plants using *Flora of the Pacific Northwest* by Hitchcock and Cronquist. Explore plant community ecology in at least 3 different habitats to understand the relationships between floral elements and ecological requirements.

Sponsored by Mount Pisgah Arboretum and based at the Emerald People's Utility District building on Seavey Loop Road with daily field trips. Participants provide own lunch, *Flora of the Pacific Northwest* book, hand-lens and field notebook. Fee: \$100 (\$90 MPA/NPSO members). Limited space. Registration required. Call MPA Education Program for more information or to register: (541) 747-1504.

Flowers of the Columbia Gorge: CD Now Available

We have been producing interactive plant keys for the past five years, and are now engaged in adding color images to the keys. The first key with color images for all the species is now available for the 1031 flowering plants (except grass-like plants) of the Columbia Gorge. It runs on a CD in either Mac or Windows for \$39.95. Those already having our keys for the Gorge may get a free upgrade with images for \$6.00 shipping/handling. We expect to have fully illustrated keys for all of the seven states we cover by this time next year. For more information or to order contact:

Bruce Barnes
Flora ID Northwest
flora@ucinet.com
<http://www.ucinet.com/~floranw>
phone: (541) 278-2222
FAX: (541) 276-8405



Friends of the Oregon Flora Project

Dr. Linda Hardison has assumed leadership of the Friends, bringing a number of new and exciting fund-raising ideas. The Flora Project continues to make progress. This year Scott Sundberg and staff will design an online version of the Asteraceae Checklist. A demonstration of the electronic Plant Atlas and a Checklist of the Oregon sedges, rushes, lilies, and orchids is also being prepared. Under the leadership of Wilbur Bluhm, NPSO State Atlas Coordinator, an increased effort will be made to gather additional plant site records for mapping. The Friends continues to operate under the sponsorship of NPSO as we work to raise funds for the new Flora and Atlas of Oregon vascular plants.

Membership in the Friends has now grown to over one hundred donors. We are very pleased to note that many of these generous contributors have been willing to donate regularly to the Project. We have an active committee which meets monthly at OSU. Currently we are revising our flier and will make the new version available in quantity for spring flower shows and other events. We are designing a poster to be displayed at the Botanical Society of America meeting in Portland in August. We have sent information about the Oregon Flora Project to all members of the Washington Native Plant Society via their newsletter, and hope to attract new members and donors from our sister organization to the north. If you would like to join our committee, please contact Dr. Linda Hardison at: (541) 745-5770 or at the Friends address:

Please make checks payable to:

Native Plant Society of Oregon

and mail to:

Friends of the Oregon Flora Project

P. O. Box 402

Corvallis, OR 97339-0402

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS (to 6/2000)	Dan Luoma, Ben Fawver, Steven Jessup
DIRECTORS (to 6/2001)	Dave Dobak, Esther McEvoy, Veva Stansell
PRESIDENT	Bruce Newhouse.....2525 Potter., Eugene, OR 97405; (541) 343-2364
IMMEDIATE PAST PRESIDENT	Michael Igo.....PO Box 603 Mosier, OR 97040
VICE PRESIDENT	Michael McKeag.....7461 SW 184th Pl., Aloha, OR 97007-5740; (503) 642-3965
SECRETARY	Rhoda Love.....393 Fulvue Drive, Eugene, OR 97405; (541) 345-6241
TREASURER	Eric Wold.....2055 Shiloh Street Eugene, OR 97401-7237; (541) 431-7388

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SISKIYOU	Jim Duncan and Elaine Plaisance.....692 B St., Ashland, OR 97520-2026; (541) 482-7629
UMPQUA VALLEY (Roseburg)	Richard Sommer.....240 Vineyard Lane, Roseburg, OR 97470; (541) 673-3709
WILLAMETTE VALLEY (Salem)	Walt Yungen.....2020 Center St. NE, Apt. 32, Salem, OR 97301; (503) 581-9511
WM CUSICK (La Grande)	Frazier Nicholc/o Dick Kenton, 1805 U Ave., La Grande, OR 97850; (541) 963-7870

STATE COMMITTEE CHAIRS

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CONSERVATION, EAST SIDE	Stu Garrett.....1501 NE Medical Center Dr., Bend, OR 97701; (541) 389-6981
CONSERVATION, WEST SIDE	Steven L. Jessup208 Harrison St., Ashland, OR 97520-2920; (541) 552-6804
LEGISLATIVE	Position vacant
MEMBERSHIP	Jan Dobak.....2584 NW Xavier St., Portland, OR 97210-2412; (503) 248-9242
BUDGETS AND GRANTS	Dan Luoma.....3740 NW Harrison, Corvallis, OR 97330; (541) 752-8860

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KALMIOPSIS EDITOR	Linda Ann VorobikRR 1 Box 1964, Lopez Island, WA 98261-9528; (360) 468-3188
WEBMASTER	Michael McKeag7461 SW 184th Pl., Aloha, OR 97007-5740; mmmckeag@teleport.com

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

Send completed form and full remittance to:
Jan Dobak, NPSO Membership Chair
2584 NW Savier St.
Portland, OR 97210-2412

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

- ☐ New ☐ Renewal
☐ Student - \$12 ☐ Regular - \$18 ☐ Family - \$24
☐ Sustaining - \$50 ☐ Patron - \$100 ☐ Life Membership - \$500
☐ Subscription Only (*Bulletin* and *Kalmiopsis*) - \$18 Only for those who wish to subscribe, but do not want to have full membership status.

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund	\$ _____
Leighton Ho Memorial Field Botany Award Fund	\$ _____
Rare and Endangered Plant Fund	\$ _____

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.

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 (503) 636-4112 or check out their website at <http://www.berrybot.org>.

April 22, Saturday Tom McCall Point Wildflower Hike

Join Betsy Becker on her annual hike to this beautiful site, owned by the Nature Conservancy. This moderate hike, 3 miles roundtrip and about 1000 feet of elevation gain is well worth the effort. A variety of habitats to explore: native grasslands, rocky rims, Oregon oaks (and some poison oak, too!). We hope to see desert parsley, lupine, balsam root, Indian paintbrush, fritillarias, and shooting stars. Participants will be notified of meeting time and location. Betsy Becker 8:30am - late afternoon \$8/(\$5 members) Limit: 10

May 3, Wednesday Geology and Botany of Camassia

The Camassia Nature Area, only 26 acres, supports an extraordinary diversity of habitats: oak-madrone woodlands, ponds, and stunning wet-meadows. On this hike, with geologist Dick Thoms, learn where the dark gray basalt bedrock came from and how it became exposed. We'll also look at the unique flora of this site, including the stunning camas which should be blooming. Be prepared for muddy trails, some poison oak, and a few hundred feet of elevation gain. Dick Thoms and Andrea Raven. 1:00pm - 5:00pm \$8/(\$5 members) Limit: 15

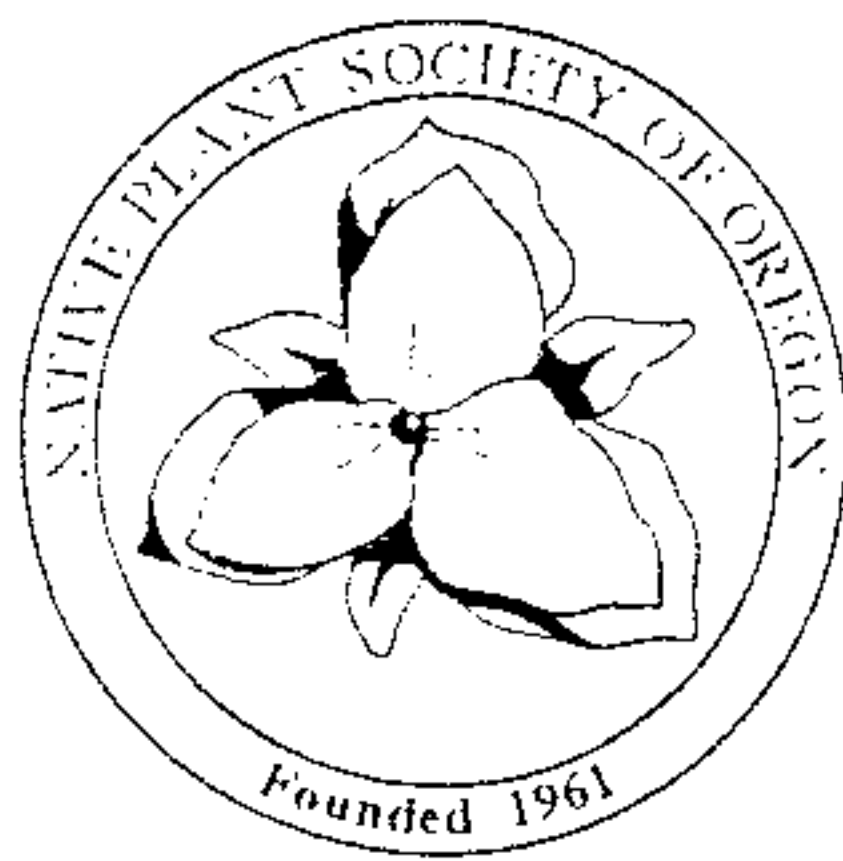
May 6, Saturday Meet the Natives, Up Close and in the Garden

Is it in your nature to naturescape? Do native plants beckon mysteriously when your nursery cart rolls by? Satisfy these yearnings and urges for more in-

formation and inspiration with a delightful day of garden touring tailored just for you. Lisa Albert, Eve Heitman, Michael McKeag, Linda Robinson, and Gudrun Weber open their native/naturescaping garden worlds for you to enjoy and investigate. 10:00am - 4:00pm \$25

May 19, Friday Native Plant Workshop

This all day workshop (box lunch provided) explores the unique place Pacific Northwest plants occupy in garden lore, landscape design, and the hearts of gardeners. Pot up and take home loads of starts from Berry's native plant collection. Learn techniques to acquire seeds and cuttings from the wild and the garden in order to maintain a wide selection of native landscaped habitats. Linda McMahan and Gael Varsi. 10:00am - 4:00pm \$35/(\$32 members) lunch included Limit: 16



Send change of address notices
and membership requests to:

Native Plant Society of Oregon
Jan Dobak, Membership Chair
2584 NW Savier St.
Portland, OR 97210-2412

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<http://www.NPSOregon.org>

Email Discussion List Login

<http://www.telelists.com/cgi-bin/lyris.pl?enter+npso>

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with the Officers
and Committee Chairs listed on page 46.

Membership Inquiries Only

Jan Dobak
2584 NW Savier St.
Portland, OR 97210-2412

New Bulletin Mailing Committee Volunteers Needed

With a new editor in Eugene area, printing and mailing of the *Bulletin* will also move to Eugene. A Mailing Committee is needed!

There should be at least three people, or couples, who can participate regularly in this task, so that no one needs to do the job more than once in three months. This also allows scheduling flexibility.

The monthly task requires picking up the printed Bulletins from the printer, adding two tape seals to each, attaching address labels, and delivering filled mail-trays to the Springfield Post Office at Gateway. This activity occurs about the third week of each month; a commitment to timeliness is essential.

If volunteers cannot be found for this task, NPSO will have to contract with a commercial mailing company. This will cost NPSO about \$2000 per year. For this amount of money, NPSO could fund, jointly with Oregon Dept. of Agriculture, an additional summer internship for research on Oregon flora, or a variety of other activities. Which we do is up to you, the members.

Anyone willing to help with this task, please contact the *Bulletin* editor at bulletin@NPSOregon.org.