

Bulletin of the  
**NATIVE PLANT SOCIETY  
OF OREGON**

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

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VOLUME 24 NUMBER 3

MARCH 1991

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ISSN 0884-599

**OUR 30TH ANNIVERSARY YEAR**

**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. Please contact the trip leader for information about difficulty, mileage, and terrain. Participation is at your own risk. Bring water and lunch. All NPSO activities are open to the public at no charge (other than carpool mileage), and friends, newcomers and visitors are always welcome.

**Notice to field trip chairs and leaders:** The Forest Service and other Federal agencies have set policies limiting group size in wilderness areas to 12. The reason for this is to limit the human impact on these fragile areas. As we are often in the position of asking them to follow their rules and regulations for conservation of our natural resources, it's time for us to do the same. Each group using wilderness must be no larger than 12.

**Blue Mountain**

4 Mar., Mon.

**MEETING.** 7:30pm in Room 130, Morrow Hall, BMCC. Vickie Erickson, Forest Service geneticist on the Umatilla National Forest, will give a presentation concerning tree improvement on the Forest. We will also plan our spring and summer field trips.

**Corvallis**

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For information, call Nancy S. Weber (753-9626).

**Emerald**

9 Mar., Sat.

**FIELD TRIP.** Travel to the upper Suislaw River near Lorane to view the intriguing Oregon fetid adder's tongue, one of our earliest blooming spring wildflowers. *Scoliopus hallii* is a lily family member with a penchant for moist streamside habitats. Depart from South Eugene High School parking lot (NE corner) at 10am. Bring handlens, rain clothes, lunch, drink. Leader: Charlene Simpson (465-1059).

11 Mar., Mon.

**MEETING.** 7pm at the Kennedy Middle School, Bailey Hill Rd. and West 18th. Dave Wagner will talk about "The plants and politics of Alton Baker Park".

30 Mar., Sat.

**FIELD TRIP** to Kentucky Falls, Coast Range in the Siuslaw National Forest to view early spring flora. We will visit both upper and lower falls via a well maintained trail of moderate difficulty. These little known but spectacular falls harbor a variety of riparian flora among rugged outcrops and moss covered boulders. Please bring sturdy walking shoes/boots, hand lens and lunch. Depart from South Eugene High School parking lot (NE corner) at 9am. This will be an all day trip. Leader: John Koenig (935-7677).

27 Apr., Sat.

**FIELD TRIP:** Curry County Redwoods. Joint trip with Siskiyou Chapter. All NPSO members welcome. Representatives of Siskiyou National Forest will take us to Wheeler Creek Redwood RNA, to the Redwood Nature Trail, to the northernmost redwoods on Snaketooth Ridge and to see some fine remaining old growth redwoods on Peavine Ridge. Overnight camping available at Loeb Park and at the Redwood and Winchuck Campgrounds on the National Forest. Meet at Chetco Ranger Station, 555 5th St., Brookings, at 10am. Wear hiking gear and bring lunch and drink. For more information call Rhoda Love, 345-6241.

## High Desert

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For information, call Bill Hopkins (388-7434).

## Mid-Columbia

6 Mar., Wed.

**MEETING.** 7:30pm at the Mosier School. Roger Yerke, from the Portland Metro Zoo, will present the program "Ferns of the Northwest".

3 Apr., Wed.

**MEETING.** 7:30pm at the Mosier School. Bill Weiler, Wildlife Biologist for the Washington State Dept. of Wildlife in Yakima, will present the program "Oregon White Oak: Its Biology, Uses, and Conservation Strategies".

## North Coast

14 Mar., Thurs.

**MEETING.** 7pm at the State Office Building, 3600 Third St., Tillamook. Ron Exeter of BLM will speak on native grasses.

**FIELD TRIP** --to be announced. For more information call Jean Gilbert (842-4801).

## Portland

12 Mar., Tue.

**MEETING.** 7pm at First United Methodist Church, 1838 SW Jefferson St., Portland. Tom Chereck will be showing native plant species of Oregon.

17 Mar., Sun.

**FIELD TRIP** for early flowers of the East Gorge. Leave 8am from the 122nd and Sandy K-Mart lot. 2nd meeting at Hood River Inn at 9:15am. This will be a car caravan heading up Dry Creek Rd. and Chenoweth Rd. Leader is Jerry Igo. For information contact Elizabeth Handler (244-5320). Be prepared for ticks. Note: Our first Sunday Fieldtrip in years. Don't show up Saturday!

30 Mar., Sat.

**FIELD TRIP** to the flowers of Catherine Creek. Leave 8am from the 122nd and Sandy K-Mart lot. 2nd meeting at Hood River Inn at 9:15am. Leader is Barbara Robinson. For information contact Elizabeth Handler (244-5320). Be prepared for ticks.

## Siskiyou

14 Mar., Thurs.

**MEETING.** 7:30pm in Room 171 of the Science Building at Southern Oregon State College. Gerry Capps, geologist for the Medford District BLM, will discuss the geological setting of the Table Rocks and the Rogue Valley and present his findings resulting from recent field studies.

27 Apr., Sat.

**FIELD TRIP:** Curry County Redwoods. Joint trip with Emerald Chapter. All NPSO members welcome. See the writeup under Emerald Chapter above.

## South Coast

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For information on formation of this pending chapter, contact Jim Curran (396-4939).



## Umpqua Valley

14 Mar., Thurs.

**MEETING.** 7pm in Room 216, Douglas County Courthouse Auditorium, Roseburg. A daisy workshop---The *Asteraceae* lead by Russ Holmes. For more information call Mary Carlson (672-3479).

16 Mar., Sat.

**FIELD TRIP.** Explore coastal plant communities. Leave from the BLM parking lot, 777 Garden Valley Rd., Roseburg at 8am. An all-day trip of moderate difficulty (2 mile hike) to Blacklock Point, just north of Cape Blanco. Rendezvous at Sentry Mkt. parking lot in Bandon at junction of Hwys 42s and 101 at 10am. Please call 673-3709 for confirmation or Reg Pullen of the BLM at 756-0100.

30 Mar., Sat.

**FIELD TRIP.** This should be the right time to view endemic plant communities on Southern Oregon's Table Rock. Leave from the BLM parking lot, 777 Garden Valley Rd., Roseburg at 8am. Leader is Jack Hausotter (874-2462).

## Willamette Valley

18 Mar., Mon.

**MEETING.** 7pm at First United Methodist Church, Room 225, 600 State St., Salem. Peter Frenzen, Mt. Saint Helens National Monument Botanist, will give a slide show and talk on revegetation of Mt. Saint Helens after the blast.

## William Cusick

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For information, contact Karen Antell (963-0267).

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### **NPSO 1991 ANNUAL MEETING, JUNE 14-16: MONTHLY UPDATE- REGISTRATION MATERIALS ENCLOSED**

**ANNUAL MEETING PLANS:** Emerald Chapter members under the direction of Charlene Simpson, Annual Meeting Chair, are continuing to work on plans for NPSO's big 30th Birthday Annual Meeting in Eugene, **Friday, Saturday and Sunday, June 14, 15 and 16.**

Rooms are reserved in the University of Oregon dormitories and the Saturday night banquet will be served in elegant Gerlinger Hall, on campus. Banquet speaker will be Dr. Linda R. McMahan of the Berry Botanic Garden speaking on "Conserving Plant Diversity: Challenge for the 90's."

**REGISTRATION MATERIALS:** A registration form has been inserted in this Bulletin. Please fill it out now, enclose your check, and mail to Evelyn Everett, whose address is on the form. Don't forget to look at the back of the sheet and check the field trips of your first, second and third choice. You will receive a confirmation, however you may wish to xerox both sides of your registration form for your own records before mailing it to Evelyn.

**POSTER SESSION:** We are asking each Chapter to bring one or more posters for a Saturday night pre-banquet Poster Session. Suggested poster topics: History of your chapter, R and E plants of your region, chapter activities or field trips, an important chapter conservation project, or any other topic of your choice.

**FIELD TRIPS:** Our Annual Meeting Field Trip Chair is John Koenig (935-7677). John has scheduled 6 attractive trips with outstanding leaders for Saturday, June 15. Please refer to your February Bulletin for descriptions of these trips. Since most will go to fragile areas, **participation is limited.** Reserve your place by sending in your registration form and check today.

**QUESTIONS?** Look for a full Annual Meeting schedule in your April Bulletin. For information about the poster session, call Rhoda Love, 345-6241. If you have general Annual Meeting questions, please call Charlene Simpson, 465-1059, or Jenny Dimling, 343-3242. See you all in Eugene in June!

---Rhoda Love



## STATE BOARD ELECTIONS NEXT MONTH

The Nominating Committee offers the following final list of candidates for the state board and offices. A brief resume is included with each candidate for consideration. Each of the officers have offered to serve another year. Three new Directors will also be elected to the Board this year. Election ballots will be included in the *April Bulletin*.

### BOARD HOPEFULS

**Bill Hopkins** is a research ecologist with the Silvicultural lab in Bend. He has a doctorate in botany from Miami University. He is currently president of the High Desert Chapter. He has been nominated for Board Member at Large by Stu Garrett.

**Warren Pavlat** of Eugene has been a member of the Emerald Chapter since it was first organized. A retired USFS Forester and Range Conservationist Biological Scientist, he has kept involved through Forest Service contracts and volunteer programs. He established the Willamette National Forest Herbarium and still helps maintain it, as well as the Slide Herbarium.

**Carolyn Wright** of Dufer has worked professionally with various Threatened and Endangered plant programs over the past 15 years.

### OFFICERS WISHING TO RETURN

**President Stephanie Schulz.** Stephanie has been a member of NPSO Emerald Chapter for seven years, serving as chapter Vice President and R&E Chair for two years and frequently attending state board meetings. She has a bachelors degree from University of Oregon in Landscape Architecture. She recently did volunteer work for The Nature Conservancy on a wetland/rare plant inventory. Stephanie has worked as a BLM seasonal T/E Botanist. One of her main interests is educating the public about appropriate, ethical uses of native plants in landscaping.

**Vice President Dan Luoma.** A Corvallis Chapter member, Dan served as State President for two years and also as President of his Chapter. He has been the chair of the state Grants & Budget Committee and a Director at Large. Dan recently received his doctorate from the Geography Department at Oregon State University. His thesis was on the ecology of truffles in Douglas-fir forests in the Western Cascades.

**Secretary Sue Yamamoto Vrillakas,** Portland Chapter. Sue is one of those rare people who is good at taking minutes. Rare plants have been a special interest of hers for years. She got a bachelors degree in biology from Lewis & Clark College. Sue assisted Jean Siddall in the Rare Plant Project. For the past 9 years she has been Data Manager/Botanist for The Nature Conservancy.

**Treasurer Diane English,** Emerald Chapter. She and her family have been active members since 1983. She served as president of the her chapter and enjoys learning about native plants. Diane studies biology at the University of Oregon. She has taken classes in bookkeeping and balances her own checkbook religiously.

## OREGON DEPARTMENT OF AGRICULTURE: "ENDANGERED SPECIES PROGRAM" NOTES

The 1991 Oregon State List of Candidate Plant Species is complete. These are species not presently listed as Threatened or Endangered under state law, but which are being reviewed for such status. This list is equivalent to the Oregon Natural Heritage Program "List 1" and reflects data and information gathered at the Rare Plant Conference last fall in Eugene. This list is dated February 7th, 1991, and is not scheduled for another revision until 1992.

During the last NPSO Board meeting in Corvallis, there was apparently some confusion over the preferred name of our program. To lay the matter to rest, we are officially the Oregon Department of Agriculture *Plant Systematics and Conservation Biology Program*.. Unofficially, we answer to any combination of names incorporating "endangered species", "conservation biology", etc. Anyone wishing a copy of the new State Candidate List may use whatever name they wish, as long as they get the address right: ODA, Natural Resources Division, 635 Capitol St. NE, Salem, OR 97310-0110.

---Bob Meinke and Tom Kaye



### CYANIDE HEAP LEACH MINING

In 1991 the Oregon Legislature and the US Congress will be contemplating mining reform legislation. In the last few years more than 50,000 claims have been filed on federal lands in Southeast Oregon in order to mine gold. The cyanide heap leach mining process has many potential environmental problems. Even though the claims are on federal and private lands the mining industry must comply with state permitting systems and regulations. The mining industry lobbyists will want to have as few restrictions as possible in digging up out lands for gold. We must have strict regulations and ample public input about this potential devastation of the vegetation and environment of Southwest Oregon.

House Bill 2244 originated in the Oregon Department of Geology and is presently being studied. This bill provides for an environmental and economic evaluation process in connection with development of mineral resources. The bill also modifies the law with respect to mineral development application fees. The bill does not address revegetation but does call for "environmental evaluation" of the site, rather than just "baseline studies". This bill allows public input in three places in the permitting process. I suggest writing the Agriculture, Forestry, and Natural Resources Committee members who are scrutinizing this bill. Express the need for thorough unbiased scientifically sound environmental analysis of potential mining sites as a part of the permit process. Send the original of your letters to Rep. Walt Schroeder (committee chair), with copies to Reps. Liz VanLeeuwen, Sam Dominy, Bill Dwyer, Tim Josi, John Meek, and Chuck Norris.

Currently the State of Oregon requires no Environmental Impact Statement (EIS) from mining companies. It is up to other agencies to do this. So far only one EIS is being prepared in Oregon in connection with cyanide gold mining, for the Vale District Bureau of Land Management. To express your concerns about cyanide gold mining by asking to be placed on the mailing list for the Grassy Mountain EIS. Write to BLM, Vale District, 100 Oregon St., Vale OR 97918.

Other bills pertaining to cyanide heap leach mining are in the State Legislature this session. One important bill will be the Oregon Environmental Council (OEC) bill. The next *Bulletin* will contain an update on this bill.

What else can you do? Write your congressional delegates and ask for reform and updating of the 1872 Mining Law to include environmental protection provisions. At nearly 120 years of age the laws need to be brought up to date. Write Mark Hatfield and Bob Packwood at US Senate, Washington, DC 20510; Congressman Les Aucoin (1st District), Bob Smith (2nd District), Ron Wyden (3rd District), Peter Defazio (4th District), and Denny Smith (5th District) at US House of Representatives, Washington, DC 20515.

### OREGON RESOURCE CONSERVATION TRUST FUND

The Oregon Resource Conservation Trust Fund was legally created in 1989 but no funding method was made to carry out its provisions. House Bill 2347 proposes to do so. See the following article by Richard Holoch about this effort to make the potentially powerful Oregon Resource Conservation Trust Fund a reality. The NPSO State Board endorsed this legislative proposal at the January Board Meeting.

### OREGON DEPARTMENT OF AGRICULTURE'S ENDANGERED PLANT PROGRAM

The 1991 Legislative session will have many budget cuts in programs. It is imperative that the Native Plant Society show strong support for the Oregon Department of Agriculture's Endangered Plant Species Program. We spent an enormous amount of energy getting this program in place and we must ensure it does not suffer debilitating cuts to its already tiny budget. We need to write letters and call in support of the program before March 10th, when the budget comes up before the Ways and Means Committee. The following points are some of the reasons why we need to continue to strengthen this program:



1. The program is operating efficiently within the Oregon Department of Agriculture and cooperates with the NPSO, federal agencies and state agencies from Oregon and elsewhere. The program has branched out to work with academia on many projects, developed many new lab and field research projects, and has helped co-sponsor the Rare Plant Conference.

2. This program is the only one in Oregon to use a biologically-based approach to rare plant conservation. Research conducted by the ODA program is important for the state in relation to pending natural resource issues for the 1990's, such as cyanide leach mining, grazing, and others. Our state needs a strong program because of the slow federal process for listing plants as endangered or threatened.

3. The funding of this program is woefully small compared to the funding of wildlife T/E programs in our state. The fieldwork is 90% supported by Federal grants and cost/share programs. Only a single full-time position has been budgeted to date. Despite the cuts by Ballot Measure 5 we must request maintaining the core program, and add an additional full-time position. It is vital that we request this additional position for field coordinating, computer work, and developing summer research work. A third position would really help the program carry out its purposes.

Take a few minutes in the next few days to write a letter about the Department of Agriculture's Endangered Plant Species Program. Original copies of your letters should go to the Ways and Means Committee since that is where the budget will be soon approved. Send copies to the Governor, Secretary of State, Director of ODA, Administrator of ODA Natural Resources Division and a copy to Bob Meinke. Do not forget it was Sen. Bill Bradbury who sponsored SB533 in 1987 which led to the creation of this program!

Remember that if we want to have a strong state Rare and Endangered plant program, we must write today!

Esther McEvoy  
Corvallis Chapter  
State Legislative Committee Chair

## ADDRESSES:

Senator Bill Bradbury, Co-Chair Ways and Means Committee  
Representative Tony Van Vliet, Co-Chair Ways and Means Committee  
State Capitol  
Salem, OR 97310

Director,  
Oregon Department of Agriculture  
635 Capitol St., NE  
Salem, OR 97310-0110

Secretary of State Phil Keisling  
State Capitol  
Salem, OR 97310

John Mellott, Administrator  
Natural Resources Division  
Oregon Department of Agriculture  
635 Capitol St., NE  
Salem, OR 97310-0110

*Pyrola asarifolia*  
Drawn by Julie Kierstead





HABITAT CONSERVATION  
AND RECYCLING: THE  
RESOURCE TRUST FUND

What do habitat conservation and recycling have in common? In Oregon, thanks to public opinion and a new piece of legislation, they have each other in common.

A 1988 survey of Oregonians by the Intercept Research Corp. showed that the public favors balancing the impact of industrial activities that harm natural habitat through special revenue assessments to be used for habitat protection. In response to this survey, a unique coalition of conservation and business interests joined forces in early 1989 to find a constructive and sustainable solution to Oregon's growing problems of habitat loss and solid waste.

The result was the Oregon Resource Conservation Trust Fund--a bill that was successfully introduced to the 1989 Oregon Legislature, and signed into law by the governor. The Trust Fund's concept is the first of its kind in the nation, and may well become a model for addressing the nation's growing problems of habitat loss and solid waste.

In approving the Trust Fund, the Oregon Legislature directed the Joint Revenue Committee to explore a funding mechanism and make a recommendation to the 1991 legislative session. This directive has been acted upon in the form of House Bill 2347, introduced into the 1991 Legislature by the Joint Revenue Committee. HB 2347 would complete the task of launching the Resource Conservation Trust Fund in 1992 by establishing a fair, balanced revenue source between Oregon individuals and industries.

The Trust Fund's goal is to establish a \$300 million principal, from which ultimately will be spent only the interest from this dedicated fund to acquire fish and wildlife habitat areas, including rare and endangered plant habitat. Other monies, not used as principal for the Fund, will be spent on local and state parks projects as they involve habitat conservation, and on improving recycling--primarily by developing secondary markets for undervalued recyclable commodities. Local governments, state agencies, schools, private interests and groups (including the NPSO) would all be eligible to apply for Trust Fund project grants.

**Adequate financing for the Trust Fund is crucial. Without effective funding, Oregon will have at best a second-rate habitat conservation program and an increasingly obsolete waste reduction program.**

***To take action supporting the Trust Fund:*** HB 2347 has been referred to the House Environment and Energy Committee (Chair: Fred Parkinson, R-Silverton) for a recommendation and subsequent action by the House Revenue Committee (Chair: Delna Jones, R-Beaverton), before referral to the full House of Representatives. **Write your legislator or elected state official**, urging them to support HB 2347 as a dedicated revenue source for the Trust Fund. A letter can be as brief as this:

Dear {Senator, Representative, or  
elected state official}:  
State Capitol  
Salem OR 97310

Please support HB 2347 as a dedicated revenue source for the Oregon Resource Conservation Trust Fund.

Oregon must act now to conserve habitat and improve recycling, ensuring that our state will be a unique place to live in and visit for generations to come. Thank you.

Sincerely,  
{your name and address}

The coalition of environmental and business interests supporting the Trust Fund has also arranged an opportunity for constituents to send a message to their legislators in support of the Trust Fund's revenue source. Contact Rich Holloch (503-293-2434, 0434 SW Iowa St., Portland, OR 97201) at the Trust Fund campaign office for more information.

Oregon's tradition of leading the nation with new answers to complex natural resource problems needs to continue into the 1990's. Oregon's citizens must use the opportunities of the Resource Conservation Trust Fund to show the nation, once again, that a quality environment is good business for the state's economic future.

Richard D. Holloch  
Project Director,  
Resource Conservation Trust Fund



## CHANGES IN WILDLIFE GRAZING HABITS

From 1984 to the present, I have been observing and cataloging *Pedicularis* communities in the Western Cascades. There has been evidence of wildlife browsing in almost every major stand of parrot's beak (*Pedicularis racemosa*) and elephant's head (*P. groenlandica*). Over the last few years an alarming change has occurred in wildlife grazing habits in two areas of the Willamette National Forest.

Near Box Canyon in the Blue River District there are isolated solid large stands of *P. racemosa*. In 1984 these stands were very dense, eventually covering other herbaceous plants as spring progressed. By late June/early July they would flower with average heights of 5 or more dm (20 in.+). The stands appeared to be a vibrant healthy dominant of the herb layer. Wildlife browsing was evident, but this did not affect the stands as a whole.

Since 1984, browsing has increased both in time and amount. Now plants are eaten in May, long before flowering time. The entire stand is clipped to less than 1 dm (4 in.), and browsing continues all season. By flowering time, the typical stem height is no more than 1 to 1.5 dm (4-6 in.), with every stem clipped at least once. The stand as a whole is altered, with other herbs often growing through. Deer trails leading to the stands are obvious all summer. Although I have seen mostly deer tracks, a herd of twenty elk was seen last year on the way to these stands.

In the Sweet Home District, there are comparable stands of *P. racemosa* between Gordon Lakes and Gordon Meadows. Acres of undergrowth consist primarily of very dense coverage by this herbaceous plant. The area is open to cattle grazing, usually 50 'animal units'. Cattle thoroughly graze these plants like a lawn mower. This makes it impossible to determine the effects of wildlife browsing on these plant stands.

This area has many small unmapped moist meadows typically surrounded by a woodland shrub layer of willows, alders, ect. This often impenetrable layer keeps out both cattle and humans. Sometimes these shrub thickets have no apparent meadow at center; however, a careful observer following deer/elk trails will be lead into hidden communities of marsh marigolds, sedges, and shooting stars.

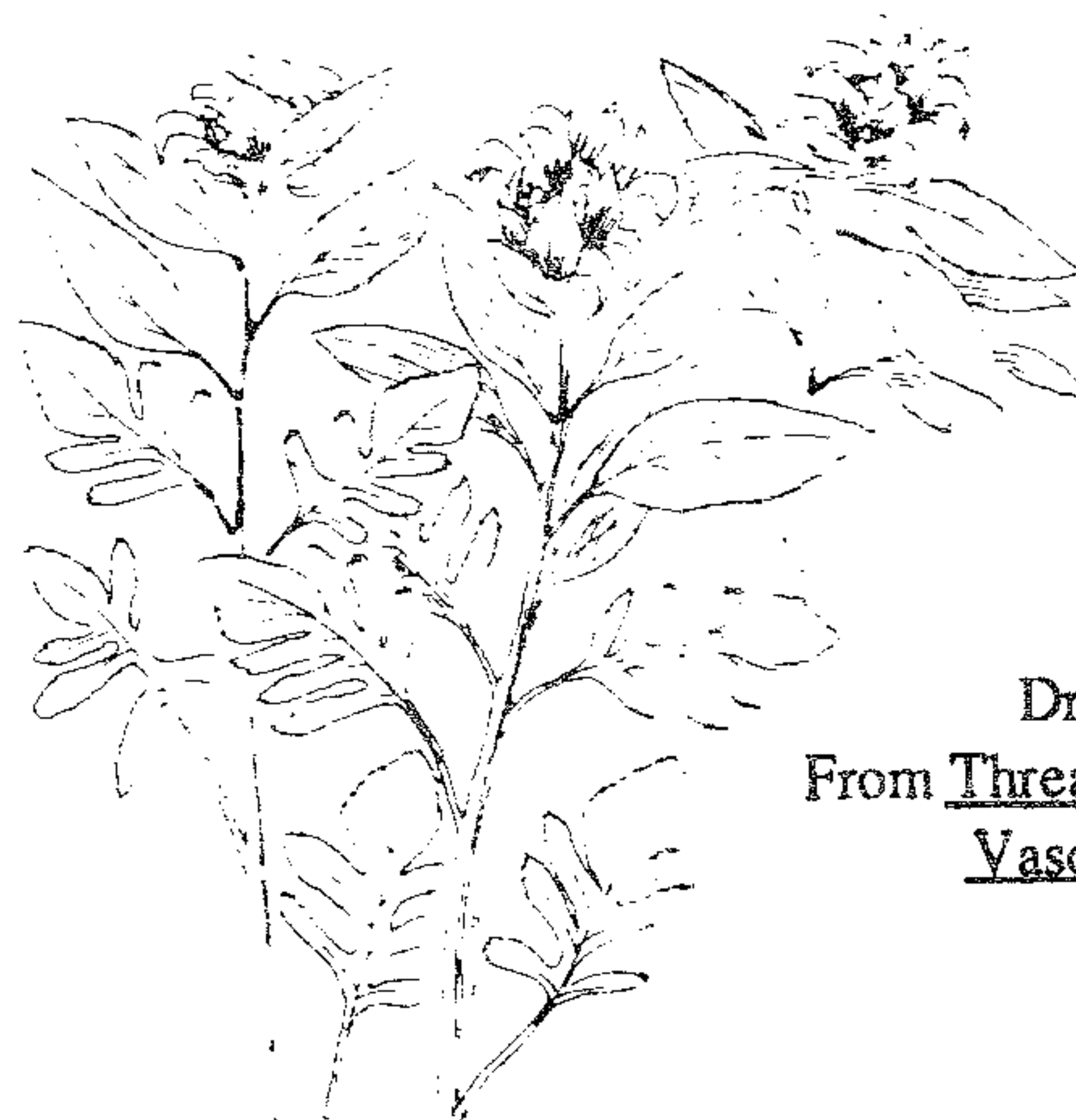
In 1984 large patches of elephant's head (*P. groenlandica*) and rein orchid (*Habenaria dilatata*) flowered for an exciting, colorful display. Wildlife trails would lead to one or two bedding spots, down to the creek for water, and a stroll through the elephant's heads. The animals would eat a few of the budding plants and move on.

In June 1990, there were five to eight bedding spots in two large meadows. One meadow was grazed by deer and the other by elk. Every *P. groenlandica* was eaten down to the basal rosette. Even the small meadows had no flowering stems by the height of the flowering season.

These *P. groenlandica* stands were definitely grazed by wildlife. Cattle are not grazed here until July, and have been at a constant level the past eight years. Many of the stands are inaccessible without walking in creeks or through thick shrubs in standing water. No human prints were seen but our own in seven trips over two months.

This intensification of wildlife grazing in these areas over the past few years is perhaps due to increasing deer, and to some degree elk, populations. Other factors such as the loss of predators and patchwork clearcutting in the area may have contributed. Although this is not the typical fate of all *Pedicularis* stands, incidents similar to these have been reported elsewhere in Western Oregon with other wildlife forages. At this time the *Pedicularis* stands are changed by this grazing, but may not be permanently damaged due to the perennial nature of the plants. More research is necessary to fully understand this trend.

---Howie Brounstein  
Columbine and Wizardry Herbs



*Pedicularis howellii*  
Drawn by Frank A. Lang  
From Threatened and Endangered  
Vascular Plants of Oregon:  
An Illustrated Guide  
By Robert J. Meinke



## BOOK REVIEW FOR CURRENT AND FUTURE NPSO MEMBERS

Since becoming a mother in the spring of 1989, my free time reading has focused on infant and child care literature, and more recently on books for toddlers. Needless to say I have not had the occasion to review much botanical material. However, I have had the opportunity to review a great many juvenile books with my daughter Susanna's assistance. Although at two years of age she doesn't fully appreciate good quality, I'd like to share a real 'find' with my NPSO friends.

Should you ever be in the market for a reasonably priced children's soft cover book (\$4.95) of high quality artwork and sentiment, favoring the lupine, this is it!

### Miss Rumphius

(Story and pictures by Barbara Cooney)

Puffin Books 1985

Winner of the American Book Award

It will make a fine gift for any young person and budding botanist or horticulturist. Along the story line of Johnny Appleseed, and as simply and eloquently done, it tells the story of the 'Lupine Lady'. From her youth, Alice Rumphius accepts three goals for her life: to visit faraway places, to live beside the sea in her old age, and to do something to make the world more beautiful. She planted lupine seeds all around her sea-coast home as her personal effort to make the world more beautiful.

"The illustrations for Miss Rumphius were painted in acrylics with accents of prismacolor pencils on gesso-coated percale fabric mounted on illustration board. The art was camera separated and printed in four colors. The text type is Goudy Old Style and the display type is Goudy Cur-sive."

I invite you to check it out at your favorite bookstore. You may enjoy reading it yourself before passing it on to some lucky youngster.

---Susan Gabay  
Mid-Columbia Chapter

*Wyethia amplexicaulis*  
Mule's ears  
Drawn by Diane Aho

## FIELD TRIP TO THE OREGON RED- WOODS: EMERALD AND SISKIYOU CHAPTERS SPONSOR APRIL TRIP

Rhoda Love has contacted Michael Frazier, District Ranger on the Chetco District of the Siskiyou National Forest, and Ranger Frazier has invited all interested NPSO members on a guided tour of our beautiful Curry County redwoods on Saturday, April 27. This trip is being co-sponsored by Emerald and Siskiyou Chapters, but all NPSOers are welcome to attend. Mr. Frazier has promised to take us to Wheeler Creek Redwood RNA, and to the Redwood Nature Trail up the Chetco River from Brookings. We will also visit Oregon's northernmost redwoods on Rattlesnake Ridge. Then we will drive up the Winchuck to see some glorious old-growth redwoods on Peavine Ridge.

Overnight camping in the Brookings Area is available at Loeb Park, an Oregon State Park, where showers are available. The charge at Loeb Park should be around \$6 to \$8 per night. More primitive camping is also available at the Forest Service campgrounds, Redwood Campground up the Chetco and Winchuck Campground up the Winchuck. At these camps, there should be no charge, or perhaps a minimum charge.

Mr. Frazier says we will be joined on the trip by Phil Hicks, District Silviculturalist and Terry Jiron, Botanist. Siskiyou National Forest Ecologist, Tom Atzet, has also been invited to join us.

Field trip participants should meet at the Chetco Ranger Station, 555 5th Street, Brookings, at 10 am on Saturday morning. Please wear hiking clothes and boots and bring lunch and a drink. For more information, call Rhoda Love at 345-6241.





# BITS AND PIECES

## —News and Information From All Over

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### LEACH BOTANICAL GARDEN CLASS

Portland Chapter member Vance Terrall will give a free volunteer training session at Leach Botanical Garden March 27th at 10am. He will use slides to introduce the beauty to be found everywhere in the Northwest, especially our native flowers.

Leach Botanical Garden sponsors a variety of horticultural and botanical classes, workshops and field trips. Reach the Garden at 6704 SE 122nd Ave., Portland, OR 97238.

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### MALHEUR FIELD STATION EVENTS

Malheur Field Station is a regional educational center whose primary mission is to provide education and research opportunities in the northern Great Basin and Intermountain West. They offer a variety of accredited and non-accredited classes, workshops and fieldtrips. They are located on the Malheur National Wildlife Refuge, 32 miles south of Burns, Ore.

Topics of classes range widely---astronomy, the study of stone tool making, various botanical and ecological subjects, and birds and mammals. These courses are suited to vacation use! Contact the Field Station at HC 72 Box 260, Princeton, OR 97721 (503-493-2629)

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### MT. PISGAH ARBOR WEEK CELEBRATION

The theme is Arboretum Awareness. April 7th through 13th will see a variety of events scheduled daily. Open House, starting at noon on the 7th, features a children's Art poster Exhibit and a display by the Eugene Bonsai Club. April 8th and 9th are days for field trips and wildflower walks. Saturday features training for teachers on use of the Eugene area Arboretum as a natural history resource.

More complete information is available by contacting the Mount Pisgah Arboretum staff at 747-3817.

### THIS SEASON AT TOM MCCALL PRESERVE

The Nature Conservancy is again providing naturalist-guided tours at the spectacular Tom McCall Preserve on Rowena Plateau. This area combines one of Oregon's best wildflower displays with dramatic Columbia River Gorge vistas and landforms created by past catastrophic geologic events. A naturalist will be available at the preserve weekends March 16th through May 26th, 11am through 4pm.

Hikers are reminded that conditions on the plateau are primitive. No restrooms are available, and pets are not allowed. Please preregister for hikes (228-9561).

If you would like to volunteer as a naturalist at Tom McCall, training is available Sat., Mar. 9th at 11am. Call the Nature Conservancy (228-9561) for more details.

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### THE FLORA OF NORTH AMERICA PROJECT

The Flora of North America Project is a collaborative effort of more than 20 major botanical institutions to compile the first comprehensive description of all plants growing spontaneously in the United States and Canada. About 17,000 species of vascular plants grow in this area.

In addition to the twelve volumes of the Flora published by Oxford University Press (the first scheduled to appear in late 1991), all the information will be contained in a computerized database called TROPICOS. The database will be continually updated and maintained as a permanent resource. It will allow users to access the information in a variety of ways, providing answers to such questions as "what spring-flowering plant with yellow flowers and simple leaves occurs in the grasslands of Nebraska?"

The Flora will be useful for reference in a wide variety of fields, and will provide thorough and authoritative information for identifying endangered plant species. Organizational center for the Flora of North America Project is The Missouri Botanical Garden in St. Louis.



**STATE OFFICERS**  
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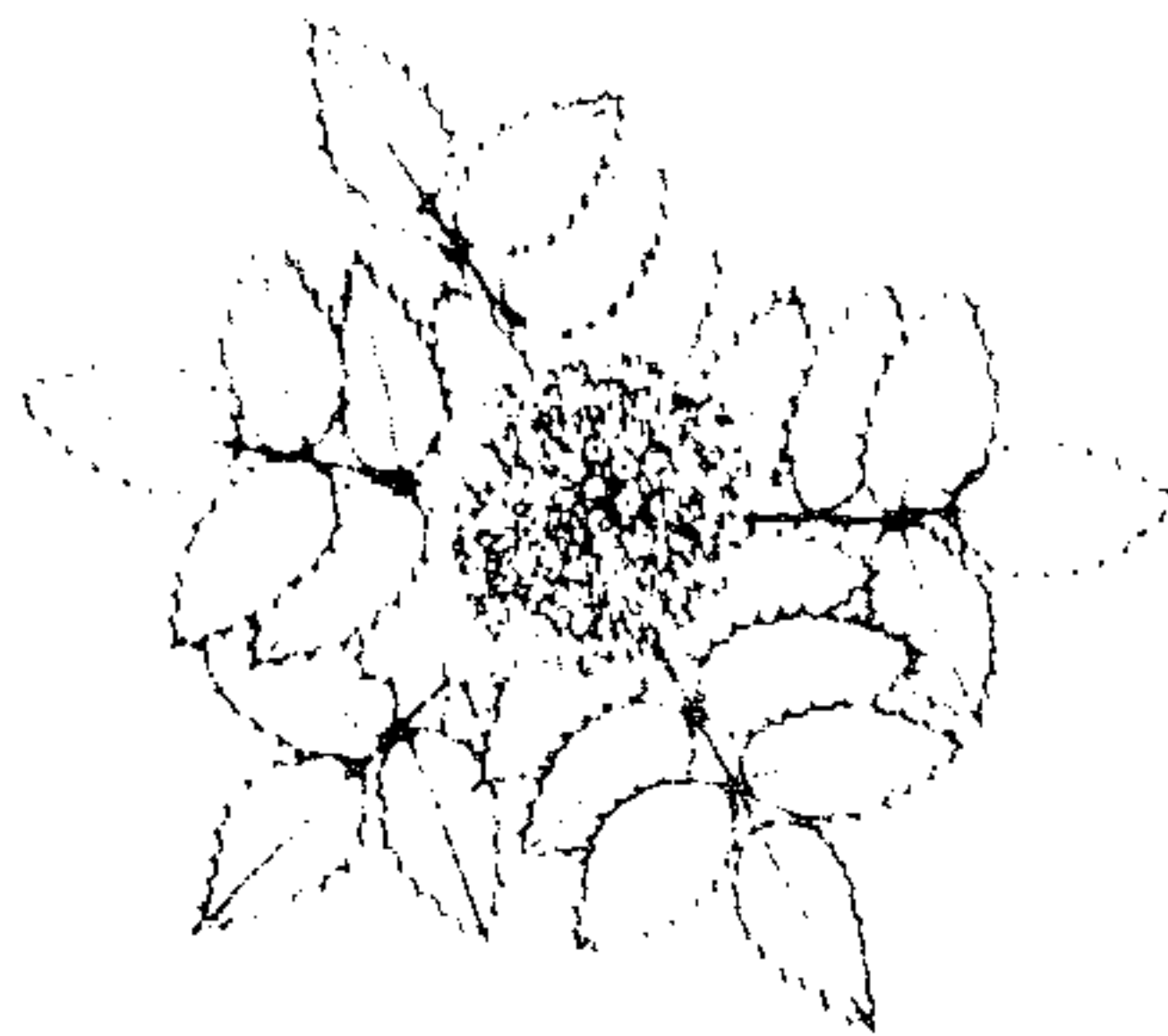
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