

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

To increase the knowledge of members and public in identification  
and conservation of the native plants of the Pacific Northwest

Volume 20 No. 1

January 1987

ISSN 0884-5999

1987 The Year of the Oregon Endangered Species Act

**CHAPTER NEWS**

**Blue Mountain**

19 Jan., Mon.

Meeting, 7:30 pm. in room 130, Morrow Hall, Blue Mountain Comm. College. Bob Mountain of the U.S. Forest Service will talk about the STATUS AND MANAGEMENT OF SENSITIVE PLANTS IN THE UMATILLA NAT'L. FOREST.

16 Feb., Mon.

Meeting, 7:30 pm. in room 105, Morrow Hall, BMCC. Bring slides of plants not identified. We will also plan field trips for 1987.

**Corvallis**

12 Jan., Mon.

Joint dinner meeting with Society of American Foresters. Peter Frenzen, O.S.U. reseacher, will present a program on RECOVERY OF PLANTS AND ANIMALS FOLLOWING THE 1980 ERUPTIONS OF MOUNT ST. HELEN'S, WASH. Meet at North's Chuckwagon, 9th St. Corvallis, 5:30 pm. social hour, 6:30 pm. dinner and 7:30 pm. program. Buffet dinner \$5.50. Everyone please RSVP to Lou Berger, F.R.L. 754-2244 by noon, Mon. the 12th, if you plan to attend dinner and/or program.

**Emerald**

12 Jan., Mon.

Meeting, 8:00 pm. Amazon Community Center, 2700 Hilyard, Eugene. Reports Session on several recent Environmental Symposia followed by a slide presentation on South Warner Wilderness, a botanically and geologically seductive area.

The reports mentioned above will cover the following Symposia:

1. The Future of Land Management in Oregon: The 40th Anniversary of the BLM.
2. Rare and Endangered Plants: A California Conference on their Conservation and Management, and The Oregon Rare Plant Conference.
3. The Big River Old Growth Preserve. How the NPSO can contribute to establishing and promoting the value of the Park.

9 Feb., Mon.

Meeting, 8:00 pm. Amazon Community Center. The Western Conifers Reasearch Cooperative: A Program Overview and Description of Research in the Pacific Northwest. Richard Olson, Program Director, will describe the current efforts being made by the Environmental Protection Agency (EPA) to determine the presence of acid rain in the west and its effects.

**High Desert**

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For information, contact Stuart Garrett (382-2681).

**Mid Columbia**

7 Jan., Wed.

Meeting, 7:30 pm. at the Mosier School. Slides to be shown following a brief lesson on fern identification.

**North Coast**

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For information, contact Richard Smith (842-4324).



## Portland

- 13 Jan., Tues. Meeting, 7:00 pm. First United Methodist Church, 1838 SW Jefferson, Portland. Charlene Holzwarth will speak and show slides of Sierra Leone, West Africa, where she worked with the Peace Corps.
- 31 Jan., Sat. Workshop, WINTER STUFF, an indoor field trip. Bring hand lense. 10:00 am. First United Methodist Church. Louise Godfrey and Esther Kennedy.
- 7 Feb., Sat. Workshop, HABITATS and preliminary strategy session for the Plant Show in June "Flowers in the Forest". 10:00 am. First United Methodist Church.

## Siskiyou

- 8 Jan., Thurs. Meeting, 7:30 pm. in room 171, Science Building, SOSC, Ashland. Dr. Darlene Southworth will give a slide presentation on Botany in Australia. She will discuss vegetation and kinds of research being done in Australia, as well as the research she was recently engaged in at the University of Melbourne. For more information, call 482-4513.

## Willamette Valley

- 19 Jan., Mon. Meeting, 7:30 pm. in the Carrier Room, First United Methodist Church, Salem. Special two part audio-visual presentation on EARTH-MASS by Alan Minor and WALKER CREEK WETLANDS by Wendall Wood of ONRC.

## Wm. Cusick

- - - - For information, contact Rachel Sines (963-0674).

### W E L C O M E N E W M E M B E R S

CORVALLIS  
Phillip Hayes  
Patsy Miller

EMERALD  
Curtin Mitchell  
Bruce Schaffer

MID COLUMBIA  
Sheila Dale

PORTLAND  
Andrew Rice  
Barbara Taron

SISKIYOU  
Guy Davis  
Doris Hoover  
Dr. Paul Lemon

WILLAMETTE VALLEY  
Janet Skirrow

### 1987 ANNUAL MEETING

Mark your calendar on May 9-10 for this meeting in the Columbia Gorge. Prime time for Gorge wildflowers. Headquarters will be at the Menucha Retreat and Conference Center on the Larch Mountain Road. Details and registration to be in upcoming issues of newsletter.

Virginia Diegel  
Portland

### NOMINATING COMMITTEE REPORT

The Nominating Committee announces its preliminary list of candidates for the 1987-1988 election year. Board of Directors positions:

President: Dan Luoma, Corvallis Chapter  
Vice President: Marjorie Willis, Willamette Valley Chapter  
Secretary: Charlene Holzworth, Portland Chapter  
Treasurer: Marge Ettinger, High Desert Chapter  
Board Members at Large: (three positions to fill)  
Mary Mason, Portland Chapter  
Dave Gross, Mid Columbia Chapter  
Richard Smith, North Coast Chapter  
Russ Holmes, Emerald Chapter  
Esther McEvoy, Corvallis Chapter

Brief capsule resumes for each candidate will appear in the February Bulletin and the election ballot will come out in the March issue. A hearty thank you to all the candidates for their willingness to serve and thanks as well to the folks on the Nominating Committee for developing such a fine slate. More nominations will be accepted and welcomed up to January 10th by contacting Susan Kofahl at 478-3576, Box 151, Mosier, OR 97040.

### NPSO BOARD MEETING SATURDAY, JANUARY 10, 1987

The first meeting of the NPSO Board for 1987 will be held on Saturday, January 10 in Corvallis.

PLACE: Forestry Sciences Lab  
3200 Jefferson Way  
Room # 2 (Large Conference Room)

TIME: 11 am to 3 pm

Bring a sack lunch; beverages provided.

Please write or call President Rhoda Love with your agenda items or concerns before January 1. All NPSO members are welcome to attend any board meeting.



A SUMMARY OF LEADERSHIP POSITIONS - PLEASE CONSIDER SERVING NPSO

WHAT IS THE GOVERNING BODY OF THE NATIVE PLANT SOCIETY OF OREGON?

Composition

*Elected Positions*

Four statewide officers: President, Vice-President, Secretary, and Treasurer.

Immediate Past President

Six Directors-at-large

Presidents of all affiliated local chapters

*Appointed Positions*

State Conservation Chair

State Legislative Chair

State Membership Chair

R/E Chair

Bulletin Editor

Description of Duties for Elected Positions

*President*

Presides at Board Meetings which are held three times a year, and any other general membership meeting as may be called for. This includes gathering and organizing agenda items. Acts as spokesperson for the Society. Handles various telephoning and correspondence according to need. Current President estimates time spent in an average month on Society business to be approximately eight hours. Serves one-year term.

*Vice-President*

Presides at meetings in the President's absence, and performs additional functions as required. Minimal telephoning and correspondence. Current Vice-President estimates less than two hours per month average spent on Society business. Serves one year.

*Secretary*

Keeps minutes during all meetings of the Board and any statewide membership meetings. Also prepares other directives, documents, or correspondence as are needed and authorized by the Board or President. Current Secretary states she spends about eight hours after each Board Meeting organizing the minutes in report form for the next meeting and in brief summary for the next issue of the Bulletin. Serves one-year term.

*Treasurer*

Maintains accounts of the Society's transactions. Makes deposits as well as disburses funds as ordered by the Board. Remits portion of membership dues to local chapter treasurers. Makes periodic maintenance payments to the Bulletin. Accepts and records funds from the Poster and Notecard promotions. Arranges for audits as required for State charitable tax status and for the annual Statewide Meeting. Prepares reports for each Board Meeting. Current Treasurer estimates her time commitment about two to three hours each month for each Board Meeting. Current Treasurer estimates her time commitment to be two to three hours each month with slight increase around the annual Statewide Meeting. Serve one-year term.

*Board Members - Directors-at-Large*

Attend Board Meetings; provide input, vote on issues of concern. Three new directors are elected every year to serve two year terms. Travel and attendance at board meetings require about three days time per year.

*It should be emphasized that the amount of time spent in any officer capacity is most dependent upon the individual's own interest level and time frames rather than any rigid structure or formal expectations.*

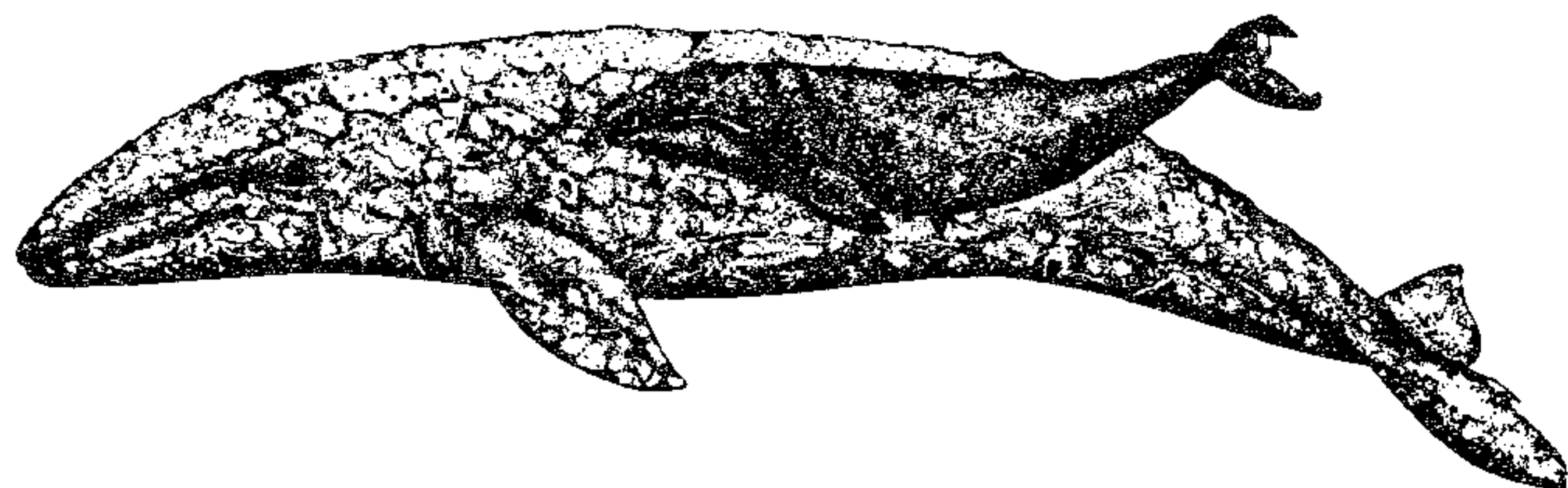
Nomination and Election Timeline

Nominating Committee members canvas their local memberships for willing candidates prior to December 1st. Preliminary slate of candidates presented in January Bulletin. Amended slate of candidates (include additional candidates as well as brief capsule resume of each candidate) presented in February Bulletin.

Official voting ballot goes to the membership in the March Bulletin. Votes to be returned by April 1st and counted by Ballot Committee. New officers installed at the annual Statewide Meeting. In 1986 this will be held June 14th and 15th in Corvallis.

*Susan Kofahl*

*Nominating Committee Chair*



*Gray Whale*  
*(Family Eschrichtiidae)*

WHALE WATCHING CRUISES WITH ONRC

Oregon Natural Resources Council is sponsoring whale watching cruises to observe gray whale migrations along the Oregon Coast every Saturday from January 10 to March 28, 1987.

The two hour cruises depart from the Embarcadero Dock, Newport, Oregon at 1 p.m. A naturalist from the Marine Science Center will accompany each tour to provide information on the gray whale and answer questions. Advance registration is required, \$15 per person. Gift certificates are available.

For more information and reservations write or call ONRC at 1161 Lincoln Street, Eugene 97401. Telephone (503) 344-0677.



PRESIDENT'S LETTER . . .

RARE PLANT LEGISLATION

A number of the sessions at the California Native Plant Society-sponsored "Rare and Endangered Plants: A California Conference on their Conservation and Management" dealt with state legislation for rare plant protection. This subject is extremely important and topical for us in Oregon and in NPSO at this time. Our Oregon state legislators are gathering in Salem this month and, as all Bulletin readers should realize, NPSO, with the help of other conservation groups, will be submitting an Oregon Endangered Species Bill.

For my column this month, I would like to report, from the California Conference, a few facts and figures about rare plant legislation that you, our members, might use in letters to state congresspersons and senators during this 1987 Legislative Session:

(1) In the western United States, Oregon lags well behind a number of other states in our protection of rare plants. Western states which already have comprehensive plant protection laws on the books are: California, Nevada, Arizona, New Mexico and Texas. The Washington Native Plant Society introduced an Endangered Species Bill last year and will try again for passage this year. Oregon's bill will be introduced for the first time this year. Twenty-five states now have rare plant protection laws.

(2) It is particularly shocking that Oregon has no rare plant law, because of all the contiguous 48 states, OREGON RANKS THIRD IN NUMBER OF RARE AND ENDANGERED PLANTS. Within our state boundaries grow 7% of all the rare species in the United States!

(3) California is undeniably the leader in plant protection at the present time. In California, rare plants have the best legal protection in the U. S. California has at least three laws which protect her rare plants: The Native Plant Protection Act of 1977, The California Environmental Quality Act of 1983, and The California Endangered Species Act of 1984.

(4) California was the first state to pass a single act which protects both rare plants and animals, as well as the first state to pass legislation to protect habitats. If our Oregon bill passes, Oregon will be the second state with such full coverage.

(5) In California, in compliance with the above legislation, the California Department of Fish and Game is the agency responsible for plant protection. The Department of Fish and Game protects plants under their "non-game" provisions. The program is funded partly through the California "Environmental License Plate" fund, and through the California Non-game income tax check-off. The protection of endangered species and habitats through

non-game check-off is well justified. In California, a study showed that 60% of the people who visited game preserves, were there for non-game activities such as bird-watching and enjoyment of the habitat!

The California Native Plant Society, our sister society in our neighboring state to the south, has played a lead role in the passage of all three pieces of strong legislation which now give California's native plants the best protection in the U. S. NPSOers, let's take our cue from the California folks, and get solidly behind our Society's efforts to pass the Bill that Esther McEvoy and her committee have been working on so long and hard. Write to Esther for a copy of our Bill, and then write to your representatives and visit them in Salem. It is time to protect Oregon's rare plants in the Steens, in the Gorge, in the Siskiyou, in the Willows, in your favorite spots! Let's save our rare species before they vanish forever!

Flowers forever!  
Rhoda Love, President



United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
BURNS DISTRICT OFFICE  
74 S. Alvord Street  
Burns, Oregon 97720

Native Plant Society of Oregon  
1960 NW Lovejoy No. 2  
Portland, Oregon 97209

Dear Ms. Anderson:

I know the Native Plant Society has a continued interest in the listed endangered Malheur wire lettuce on the BLM Burns District. I hope the following information can be published in one of your Newsletters to keep your members up-to-date on this plant.

"Stephanomeria Update"

Stephanomeria malheurenensis (Malheur wire lettuce) is one of two listed endangered species which occur in Oregon. It was discovered in 1966 and is of scientific value as having evolved from S. exigua ssp. coronaria through reproductive, not geographic, isolation at the only known site for the plant. For identification, the taxa are best separated by seed characteristics.

Extensive genetic studies have been conducted at University of California, Davis. Some field studies were done in the early 1970s. Since 1979, numbers of Stephanomeria spp. at the site have declined - cause unknown.

On July 5 Marge and Richard E. Ettinger (High Desert Chapter) reported finding two flowering Stephanomeria plants at BLM's South Narrows Area of Critical Environmental Concern (ACEC) - the site where S. malheurenensis evolved. The BLM Botanist from Burns located two sites with a total of nine plants. The sites, both anthills, were fenced with chicken wire to exclude possible rabbit grazing. The plants were later identified from seed as S. exigua ssp. coronaria, the parent taxon of the endangered S. malheurenensis.

S. malheurenensis was last seen on the site in 1982. S. exigua ssp. coronaria had last been seen there in 1984. That S. exigua was found in 1986 offers some hope that S. malheurenensis may again be found naturally.

For a month during summer 1986, Carla Davidson of the College of Idaho worked in a cooperative arrangement with BLM and F&WS gathering background data on weather and completing a general map of vegetation of the ACEC.

Activity regarding S. malheurenensis will increase in 1987. BLM and F&WS are cooperatively planning field and laboratory studies of factors influencing survival of the species. Dr. Gottlieb of the University of California Davis, who discovered S. malheurenensis, provided seeds and information on germination and establishment. F&WS is funding laboratory studies on allelopathic (toxic plant chemicals) characteristics of cheatgrass and on competition of sagebrush with Stephanomeria. The Berry Botanic Garden will raise seedlings to be transplanted in April into rodent-proof enclosures on the site. Arrangements will be made for a student to conduct a field study on competitive effects (if any) of cheatgrass, sagebrush and rabbitbrush. The results of the planting and study effort should provide a better understanding of how to manage the site to favor S. malheurenensis and should provide a new crop of seeds to continue existence of the species.

Sincerely,

Joshua L. Warburton  
District Manager



## Legislative Notes

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FEDERAL NEWS: Congress adjourned in October without reauthorizing the ESA. Yet, the continuing resolution funding the endangered species program during FY 1987 is quite good.

STATE NEWS: As I write this article our Endangered Species Conservation Bill is being worked into final draft form. In January the Legislative Council will have worked our draft into a bill with a number.

Thank you, one and all, for comments and help on the bill so far. We will incorporate many of the comments into this final draft. Our efforts have been assisted by many within the NPSO including Julie Kierstead, Rick Brown and Rhoda Love. Andy Kerr and Wendall Wood of Oregon Natural Resources Council have been most helpful.

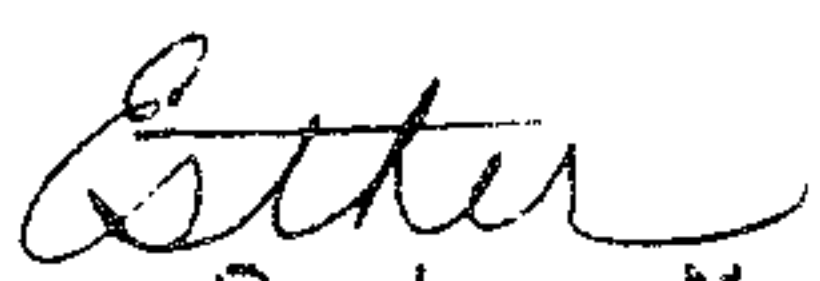
Members of the Corvallis Chapter of Audubon have been helping with the brochure and have attended many of the legislative meetings. Representative Karl Hostika, who supports our work, has given us a legislative aid who will draft our bill. A special thank you to our representative from Eugene! Caryn Throop from Bend is helping us with legislative procedures and tactics. Also I must mention that a special thank you goes to all the friends who have attended the past legislative committee meetings.

Now as our bill approaches the legislative session in January the hardest task of all is before us. We must work together to convince our representatives that Oregon must protect its endangered native flora and fauna. You should begin to contact your representatives and ask them to support our efforts.

In January we will have a brochure, slide show and fact sheet ready to help wage our campaign.

NEXT LEGISLATIVE COMMITTEE MEETING:  
\* SATURDAY, JANUARY 17, 1987, 10 a.m.-2p.m.  
\* STRATEGY FOR GETTING OUR BILL PASSED  
\* SALEM LIBRARY, 585 Liberty St. SE, Salem

The Draft Environmental Impact Statement (DEIS) for the Siuslaw National Forest is out. Comments are due by February 15, 1987. Our comments will help select the best alternative for managing the Siuslaw National Forest for the next 10 to 15 years. A list of potential Research Natural Areas has not been addressed in any alternative. It is extremely important to have input on this section of the DEIS. Have you been to any of these proposed RNAs? Cummins/Gwynn Creeks, Threemile Creek, Tenmile Creek, Sand Lake, Reneke Creek? Do you know of any places that warrant RNA status that are not included in the plan? For more information contact your local Forest Service office.

  
Esther Gruber McEvoy  
State Legislative Chair

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### PORTLAND CHAPTER MEMBERS - PLEASE NOTE

Since more than one quarter ( $\frac{1}{4}$ ) of Portland Chapter membership rarely appears at a meeting, I thought it would be worthwhile to communicate with the entire membership through a note in the Bulletin.

The New Year brings our chapter to an extremely busy six (6) months, which I am hoping will give all of us an opportunity to participate in and to enjoy the scheduled activities. Of course we shall have our usual winter workshops and field trips, and if you haven't been to recent meetings, there are other functions of which you need to be aware.

In the spring we shall be planting Barrett's penstemon (*P. barrettiae*). Plants grown at the Berry Botanic Garden from cuttings and seeds taken from the area where they grow along the Columbia River on the site for the new navigation lock (see your July Bulletin) will be used. As Julie Kierstead has written: "on-site conservation of endangered plants in their natural habitats is always the best and safest strategy, and .... transplantation is a last resort, (in) the case of Barrett's penstemon at Bonneville - rerouting the lock construction was not an option".

We have been asked by The Nature Conservancy to give a day to pulling knapweed (*Centaurea*) on the Tom McCall Preserve at Rowena. This noxious plant is described in the November Bulletin.

The Portland Chapter is to host the 1987 State NPSO Annual Meeting and banquet.

The native plant show titled "Flowers of the Forest" will be presented by our chapter in June.

Obviously all of these events require people to make them happen and the latter two functions necessitate much planning. Virginia Diegel is chairperson of the Annual Meeting Committee and Jeanne Huffstutter chairs the Plant Show Committee. They will need help.

Another matter is membership. If you have a friend who is interested in the NPSO purpose (see the front page of this Bulletin) give them the membership form (see the last page of this Bulletin) or a gift membership.

Herb Armentrout  
President, Portland Chapter



## More Wildflower Interest, Less Conservation

The great surge in popularity of wildflowers over the past decade has resulted not only in a greater public awareness of our country's native plant heritage, but also in an intense demand for these garden-worthy specimens. Most native plant organizations promote the appreciation of wildflowers in order to conserve them and their habitats. However, it may be that their popularity endangers these plants in the wild as gardeners and nurserymen dig them to satisfy increased public demand. Perhaps, the conservation part of "wildflower promotion" deserves greater emphasis and clarification.

Why is native plant conservation so important? The value of these plants in the wild far exceeds their aesthetic appeal to mankind. Each wild plant is an integral component of its habitat and ecosystem. Ecologists estimate that when a plant species vanishes, as many as twelve other dependent plant or animal species also become extinct. Humanity depends directly and indirectly on many various species for air, food, shelter and medicines. If the present rate of extinction continues, the earth could be uninhabitable for people in only a century.

Unfortunately, a "healthy" American economy means a rise in land development. The resulting habitat destruction often destroys colonies of many native plants. Collecting from the wild for gardening enjoyment exacerbates the problem. The only ethical reason for digging plants in the wild is to rescue them from certain habitat destruction in order to transplant them into safe and suitable havens.

Some professional and amateur horticulturists practice "ethical collecting" -- thinning colonies and using this stock to propagate progeny for distribution. However, ethical collecting should be practiced only by individuals with an extensive knowledge of native plant biology, only on colonies which can quickly replenish their numbers, and only for purposes of propagation. These wild colonies must be carefully monitored over time in order to allow an ample recovery period. Indeed, too many colonies of wildflowers like Trillium, Lady's Slippers, and Woodferns have been wiped out by collectors who consider themselves ethical.

People who appreciate wildflowers must also conserve wild stands and habitats. Is there a way to satisfy today's wildflower demands which is ethical? The answer is an emphatic yes; it is called propagation. Plant propagation is accomplished through a variety of horticultural techniques which cause plants to reproduce themselves, often in abundant numbers. These techniques include seed germination, rooting cuttings, division, and tissue culture. Most wildflowers are propagated easily by one method or another. Often gardeners can acquire seeds from botanical gardens and native plant organizations across the United States.

Many nurseries still buy and sell wild-collected wildflowers. Customers always should ask the



nurserymen how they acquire the wildflowers they sell, and buy only propagated material. This practice will shift the demand toward propagation, so that conservation will become more economically profitable. Some plants, like Pink Lady's Slippers and other wild orchids, never should be purchased from nurseries for two reasons: first, there is no known method for propagating these plants; therefore, they are bound to be wild-collected. Second, these plants seldom survive the trauma of digging, storage, shipping and transplanting beyond one or two years. Buying these plants equates with paying for their destruction! Most nurseries are aware of this fact, so those which sell these plants obviously care more about short term profit than conservation ethics.

The New England Wild Flower Society (and the Native Plant Society of Oregon) constantly urges its membership to purchase propagated wildflowers instead of collected wildflowers. Propagated plants have much healthier root systems, and generally survive handling with much better long-term results.

The ethical solution for acquiring native plants for our gardens is to buy only propagated material, or to propagate our own. Otherwise, we stand to lose a critical part of our natural heritage, and quite likely - much, much more.

*Continued on next page*



SUGGESTED READING FOR HOME GARDENERS

Browse, Philip M. Plant Propagation. Simon & Schuster, Inc., New York, NY, 1979.

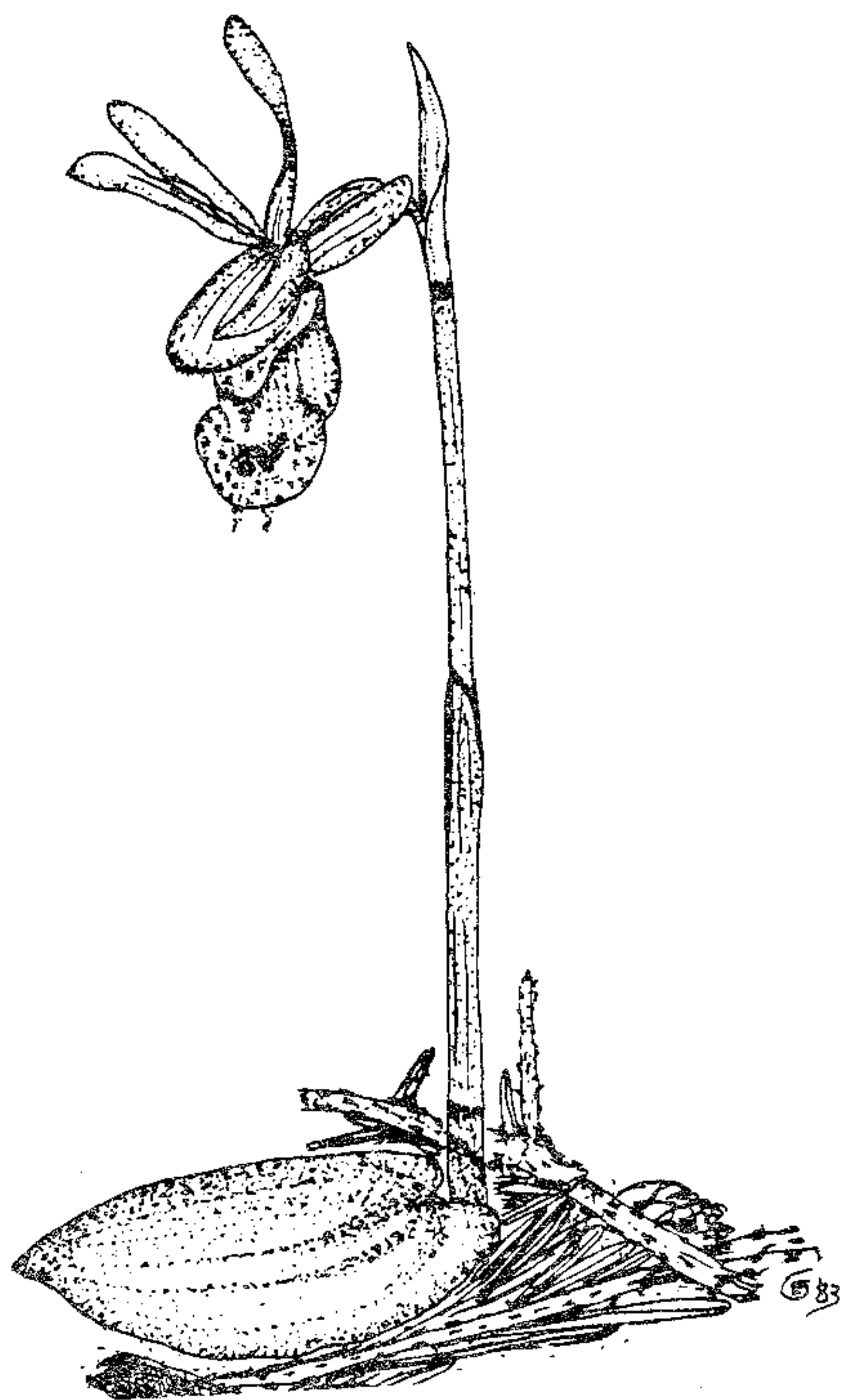
National Council of State Garden Clubs. Directory of Resources on Wildflower Propagation. Missouri Botanical Gardens, St. Louis, MO, 1981. (Available from National Council Headquarters, 4401 Magnolia Ave., St. Louis, MO 63110 for \$3 to pay for postage and handling.)

Phillips, Harry R. Growing and Propagating Wild Flowers. Univ. of North Carolina Press, Chapel Hill, NC, 1985.

James A Young & Cheryl G. Young. Collecting, Processing and Germinating Seeds of Wildland Plants. Timber Press, Portland, OR, 1986.

David Longland, Director of Garden in the Woods, the New England Wild Flower Society's botanical garden in Maine

(This article appeared in the November, 1986, issue of The Columbine, newsletter of the National Council of State Garden Clubs, Inc.)



drawing by Julie Kierstead



RARE PLANT CONFERENCE HELD IN EUGENE

Autumn always seems to be marked by meetings and conferences, and this one has been no exception. The weekend of October 18-19 was given over to the Oregon Rare Plant Conference, held in Eugene and attended by botanists from the Bureau of Land Management, U.S. Forest Service, The Nature Conservancy, Native Plant Society of Oregon, and several colleges and universities.

The first day of the conference was devoted to adjusting the status (recognized degree of endangerment) of various species for which new information has become available since the last status review. These conferences are usually held every two years.

A few examples of status changes:

Arabis suffrutescens var. horizontalis, Crater Lake rock cress, was this summer confirmed extant, so its status changes from "possibly extinct" to "endangered throughout range".

Sullivantia oregana, Oregon sullivantia, changes from "threatened in Oregon but more common elsewhere" to "threatened throughout range" because the Washington Natural Heritage Program now considers it threatened in that state.

Lomatium nelsonianum, Nelson's lomatium, is being dropped from the "endangered throughout range" category to no status whatsoever on the basis of Dr. Lincoln Constance's opinion that it is not a valid species but is rather a mixed bag of Lomatium hallii and L. dissectum. Dr. Constance is a well-known authority on the systematics of this complex genus.

In all more than a hundred status changes were debated and agreed upon, more or less. The next edition of Rare, Threatened, and Endangered Plants and Animals of Oregon, published by the Oregon Natural Heritage Data Base and due out early next year, will reflect the changes.

Sunday was spent on other topics germane to the subject of native plant conservation, such as a discussion of upcoming state legislation, updates on U.S. Fish & Wildlife contracts and the Berry Botanic Garden's propagation and storage of rare Northwest plants, tips on writing Species Management Guides, and an overview of Oregon State Parks' plant protection efforts.

The conference was sponsored by the University of Oregon, Oregon Natural Heritage Data Base, and the Berry Botanic Garden. About 45 people attended.



# Job announcements

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**A N N O U N C E M E N T**  
**1987 INTERNSHIPS**

The Nature Conservancy  
Oregon Field Office  
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**Lower Table Rock Internship** - The Table Rock Intern will be responsible for carrying out management and research activities on Upper and Lower Table Rock near Medford, Oregon. Responsibilities will include vegetation and rare plant monitoring, public education and preserve maintenance. The internship is jointly sponsored and supervised by The Nature Conservancy and the Bureau of Land Management. It will run from approximately March 20 - June 20th. Applicants must have a strong familiarity with the flora of southwestern Oregon (including an ability to identify grasses), vegetation sampling methods and environmental education. The intern will receive a salary of \$725/month.

APPLICATION DEADLINE: FEBRUARY 10, 1987

**Forest Ecologist Internship** - The forest ecologist intern will be responsible for establishing long term monitoring and conducting research to evaluate preserve design and analyze management problems related to windthrow and fire suppression on four preserves. Applicants should have a strong background in forest ecology, fire ecology, and sampling techniques and the ability to work independently. The intern will be required to camp during a majority of the internship. The internship will begin in May/June and will last three months. The intern will receive a salary of between \$7500 - \$1000/mo depending on experience.

APPLICATION DEADLINE: MARCH 30, 1987

**Cascade Head Internship** - The Cascade Head Intern will be responsible for carrying out management and research activities on our Cascade Head Preserve, near Lincoln City. Primary duties will include vegetation sampling, public education and preserve maintenance. The position will run from June 20th through September 20th. Applicants must have a strong familiarity with the flora of the Oregon coast (including ability to identify grasses) and sampling methods. Background in entomology is also desired. The intern will receive a salary of \$675/mo plus housing.

APPLICATION DEADLINE: MARCH 30, 1987

**Field Botanist/Ecologist Intern** - The field botanist/ecologist intern will assist TNC staff with research and long term monitoring on preserves throughout the state. The position will run from May through July. Extensive botanical experience is not required but the intern must be enthusiastic and willing to put in long hours sampling vegetation plots. The intern will spend large blocks of time in the field camping out. The intern will receive a salary of \$500/mo.

APPLICATION DEADLINE: MARCH 30, 1987

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Applications must include a resume, two letters of reference and a cover letter that provides more detailed information on your academic and professional experience. For more information contact:

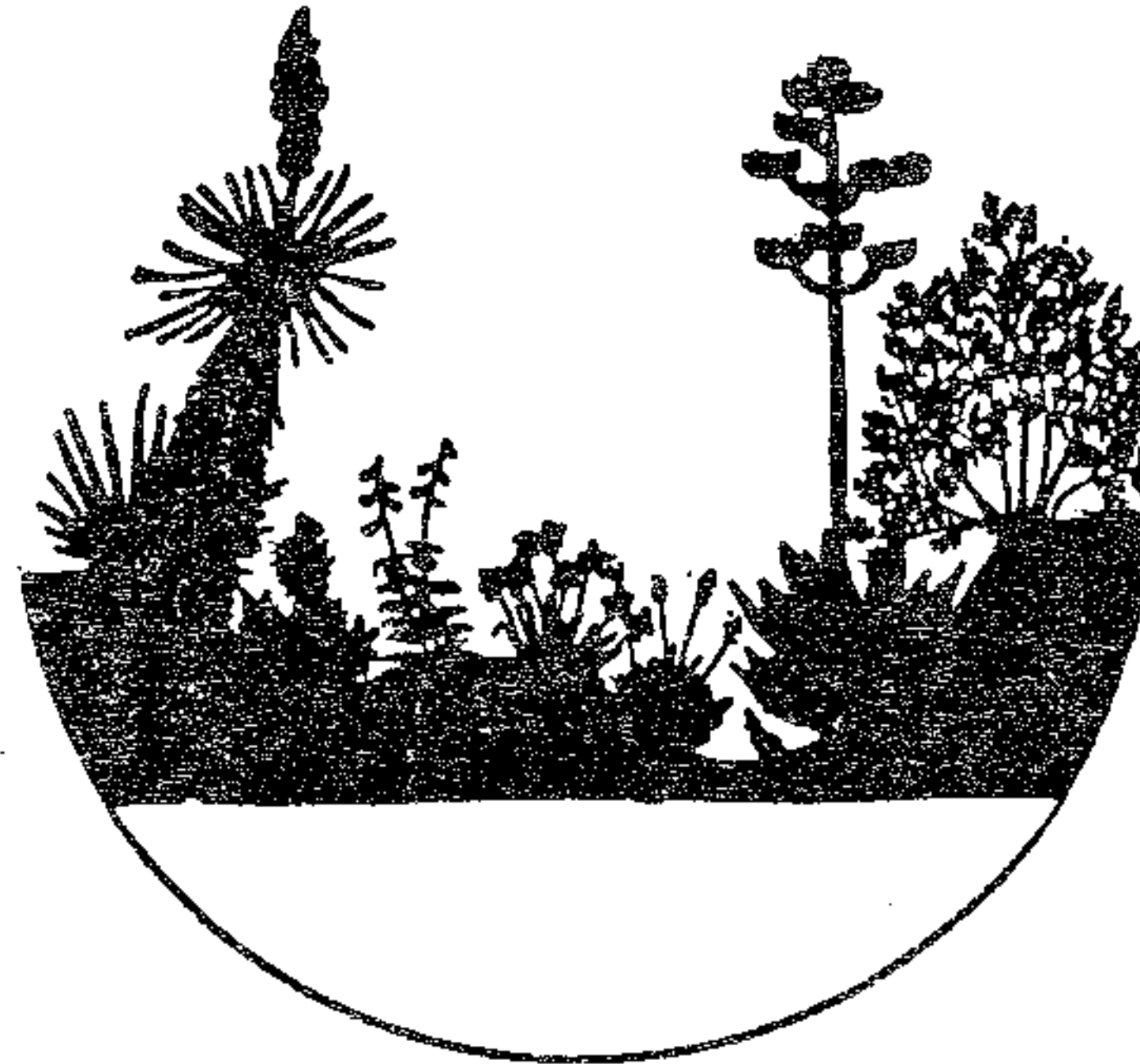
Catherine A. Macdonald  
Oregon Land Steward  
The Nature Conservancy  
1234 NW 25th  
Portland, Oregon 97210  
(503) 228-9561

## NEW RELEASE DATE

The new release date for the BLM Supplementary Wilderness EIS is January 23. Hearings will be held in mid-March. To receive a copy, write to:  
BLM Public Affairs  
P.O. Box 2965  
Portland, Oregon 97208

## NATIVE PLANT SOCIETY of NEW MEXICO

announces



## SOUTHWESTERN NATIVE PLANTS SYMPOSIUM

June 18-19, 1987

Albuquerque, New Mexico

### SPONSORSHIP AND PLANNING:

The Native Plant Society of New Mexico is the host organization. The symposium will convene in Albuquerque, New Mexico on the campus of the University of New Mexico June 18-19, 1987. Other supporters include the New Mexico State University Cooperative Extension Service, the NMSU Agricultural Science Center at Los Lunas, and many professional and trade organizations.

### THE THEME:

Because of climate, precipitation, soils and topography, the native floras in the Southwest offer exciting potential for research and development. Those same variables create distinct and sometimes fragile ecosystems that demand appreciation and preservation. The symposium strives to bring together people who share common interests in southwestern plants. Topics to be covered include: Conservation, Landscaping, Propagation, Ethnobotany and Economic and Commercial Uses. Participants will range from scientists and scholars to horticultural professionals and interested amateurs.

### THE PROGRAM:

Invited speakers, symposia, contributed papers, panel discussions and poster session make up the busy program. One morning will be devoted to a choice of field trips to vegetation communities of the Albuquerque area or to native plant gardens. Social activities will include a speakers reception. Exhibits and displays will also be provided.

### CALL FOR PAPERS:

Anyone who wishes to participate is encouraged to submit proposals for papers, slide programs, panel discussions or poster presentations. Send a one-page abstract of your proposal by January 15, 1987 to: Program Committee, Native Plant Society of New Mexico, P.O. Box 934, Los Lunas, NM 87031.

### PROGRAM & REGISTRATION INFORMATION

Symposium program information which will include registration forms and information on fees, field trips and other scheduled activities will be mailed to all who respond to this announcement. To receive this, you must complete and return the form (or facsimile) shown on this announcement.

### ENQUIRIES:

For further information write Southwest Native Plant Symposium, NPS-NM, P.O. Box 934, Los Lunas, New Mexico 87031. Telephone inquiries should be made to Lisa Johnston (505) 865-5608.

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The NPSO Bulletin is published monthly. Copy is due by  
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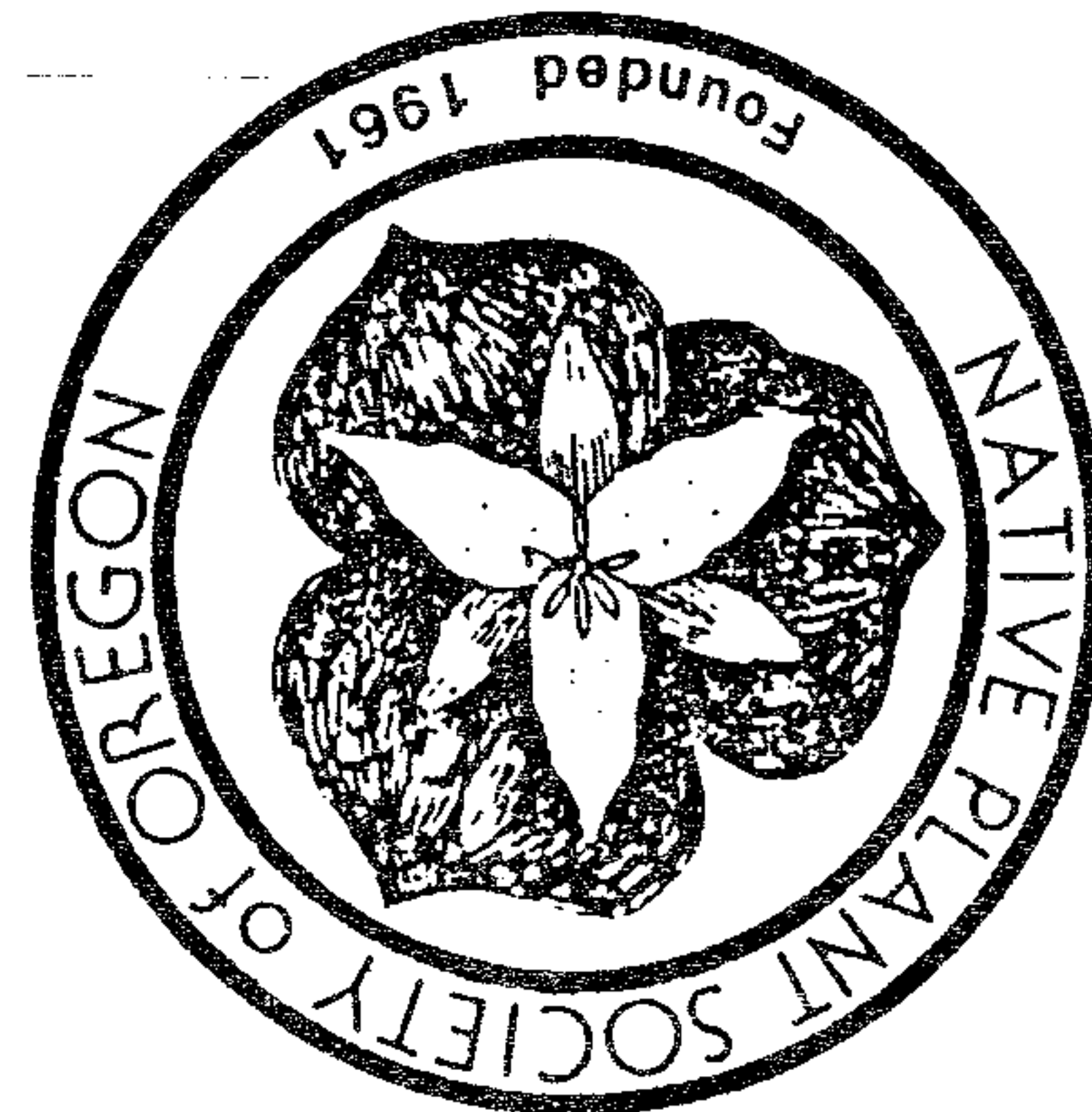
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