

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 26 Number 1

January 1993

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ISSN 0884-599

## **State News**

Jan 9th, Sat.

**State Board Meeting:** 10 am at Leach Botanical Garden, 6704 SE 122nd Avenue, Portland. Hosted by the Portland Chapter. Directions: from I-84 take the 122nd Street exit and drive south to the garden. From I-205 take Foster Road exit and drive east to 122nd and turn right onto 122nd. Go 1/4 mile to Leach Garden parking lot, which is across the Johnson Creek Bridge. All members are invited.

## **Chapter News**

### **Blue Mountain**

Jan. 4th, Mon.

**Meeting,** 7:30 pm in Room M130 of Blue Mountain Community College. We will elect officers and Marilyn Lieuallen will give her presentation of "Wildflowers of the Oregon Trail". For more information call Jerry Baker at 566-3381.

### **Corvallis**

Jan. 11th, Mon.

**Meeting,** 7:30 pm at the Unitarian Fellowship, 2945 NW Circle Blvd., Corvallis. Speaker Paul Hammand will discuss "Conservation of Endangered Butterflies on Native Grasslands in Western Oregon". For more information, call Keli Kuykendall at 758-8409.

### **Emerald**

Jan. 11th, Mon.

**Meeting** at 7 pm. Dr. Joy Belsky will give a slide/lecture titled: " 'Holistic range management'; its science doesn't bear close inspection." The holistic paradigm is a popular but flawed world-wide grazing management scheme.

Jan. 11th, Mon.

**Lane County Rare Plant List Update.** 7:00pm. University of Oregon Herbarium. Examine the local impacts of the recently freed national rare species listing "log jam". Contact Tom Pringle, 484-0669 to participate or share specific information.

### **High Desert**

Jan. 26th, Tues.

**Meeting,** 7 pm at the Central Oregon Environmental Center. "The Great Basin of the Last 12,000 years" by Dr. Rick Miller of Oregon State University.

Feb. 23rd, Tues.

**Meeting,** 7 pm at the Central Oregon Environmental Center. "Ecology of Oregon Grasslands: What We're Not Hearing From Our Land Managers" by Dr. Joy Belsky, Range Ecologist for Cornell University.

## **IMPORTANT NOTES FOR 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 or chapter representative about difficulty, mileage and terrain to be expected on field trips. Bring water and lunch. Participation is at your own risk. All NPSO field trips are open to the public at no charge (other than carpool mileage), 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 wilderness areas to 12. The reason for this is to limit human impacts on these often fragile areas. Each group using wilderness areas must be no larger than 12.



## **Klamath Falls**

For information on the pending formation of this chapter, contact Bruce Rittenhouse (888-9328).

## **Mid-Columbia**

Jan. 6th, Weds.

**Meeting**, 7:30 pm at the Mosier School. Jerry Igo, Mid-Columbia Chapter President, will present "Showy Wildflowers of Oregon", a new video especially suited for cold winter nights.

Feb. 3rd, Weds.

**Meeting**, 7:30 pm at the Mosier School. John Kallas of the John Inskeep Learning Center will present a program on edible weeds.

## **North Coast**

For information, call Jim Winslow at 842-2246

## **Portland**

Jan. 12th, Tues.

**Meeting**, 7 pm at the First United Methodist Church, 1838 SW Jefferson Street, Portland at . Paul Slichter will present a slide show on the plants found around Broken Top, South Sister, and the Tam McArthur Rim.

Watch your February NPSO *Bulletin*. for an announcement of our Winter Study Weekends on Saturdays Feb. 6th, 13th and 20th, 10 to noon in Portland.

## **Siskiyou**

Jan. 21st, Thur.

**Meeting**, 7:30 pm in Room 171, Science Building, Souther Oregon State College. Bill Haight, Fisheries Biologist for the BLM, will present a program on the Jenny Creek Restoration Project. The public is invited. For information, call Linda Knight at 488-3608.

Jan. 23rd, Sat.

**Herbarium Workday & Potluck Lunch**, 9 am to 4 pm, in Room 214 of the Science Building at Southern Oregon State College (enter via the east entrance of the building, near the greenhouse). SOSC has 15 boxes of Forest Service herbarium specimens, collected in SW Oregon in the early part of this century. We will examine these specimens, update names, check current SOSC collections, and decide which specimens will become part of the college herbarium and which will be distributed to other herbaria. Very little keying will be done. Participants need no special expertise. Bring your potluck dishes and drinks for lunch. Disposable tableware will be provided. Even if you can't stay all day, we will have a task you will enjoy. For information call Wayne Rolle (776-4316) during normal business hours.

Jan. 28th, Thur.

**Conservation Committee Meeting** at Darlene Southworth's home at 496 Beach Street, Ashland. Bring any topics for consideration.

## **South Coast**

For information on the pending formation of this chapter, contact Bruce Rittenhouse (888-9328).

## **Umpqua Valley**

Jan 14th, Thur.

**Meeting**, 7:30 pm in Room 311 at the Douglas County Courthouse, Roseburg. Steve Erickson will present a program on Ramp Canyon. For information call Russ Holmes at 672-4635.

## **Williamette Valley**

Jan. 25th, Mon.

**Meeting**, 7 pm in Room 225 of the First United Methodist Church, 600 State Street, Salem. **Please Note, this meeting is on a fourth Monday of the month so we can avoid a holiday conflict!** This will be our Annual Member's Slide Show or "Member's Melody". Please bring ten of your recent best slides or UFO's (unidentified flowering objects) for us to enjoy and / or help identify. For more information, call Kathy Connelly at 327-1212.

Feb. 22nd, Mon.

**Meeting**, 7 pm in Room 225 of the First United Methodist Church, 600 State Street, Salem. **Please Note, this meeting is on a fourth Monday of the month so we can avoid a holiday conflict!** Margie Willis will give a slide show on "Tropical Fruits and Flowers". Margie has participated in research and has travelled extensively in Central America. For more information, call Kathy Connelly at 327-1212.

Mar. 15th, Mon.

**Meeting**, 7 pm in Room 225 of the First United Methodist Church, 600 State Street, Salem.. Jerry Igo, an active Mid-Columbia Chapter NPSO member, will present a video on "Showy Wildflowers of Oregon". For more information, call Kathy Connelly at 327-1212.

## **William Cusick**

Jan. 12th, Tue.

**Meeting**, 7 pm at the ESD Office, 2100 Main Street, Baker City. Randy Alanko, a member of the Penstemon Society, will present a program on penstemons of northeastern Oregon.

The previously announced Hells Canyon llama trip has been rescheduled to April 23rd to April 25th in order to fall on the weekend. For information, contact Berta Youtie at 962-3903.



## Welcoming Our New Members....

The following are the new NPSO members from October 4th to November 1st, 1992:

### Blue Mountain Chapter

Heidi Dobson  
Valerie Geertson

### Corvallis Chapter

Nancy Crocker  
Nancy Post

### Emerald Chapter (Eugene)

Dale & Margaret McBride  
Anna Mokler  
Marie Street  
Kathy Thompson  
Jenny Ulrich

### High Desert (Bend)

Evelyn M. Brown  
Al & Cindy Pagel

### Mid-Columbia (Mosier)

Lance & Janis Holmberg

### Portland

Robert A. Davies  
Everett Dial  
Gary J. Simantel

### Willamette Valley (Salem)

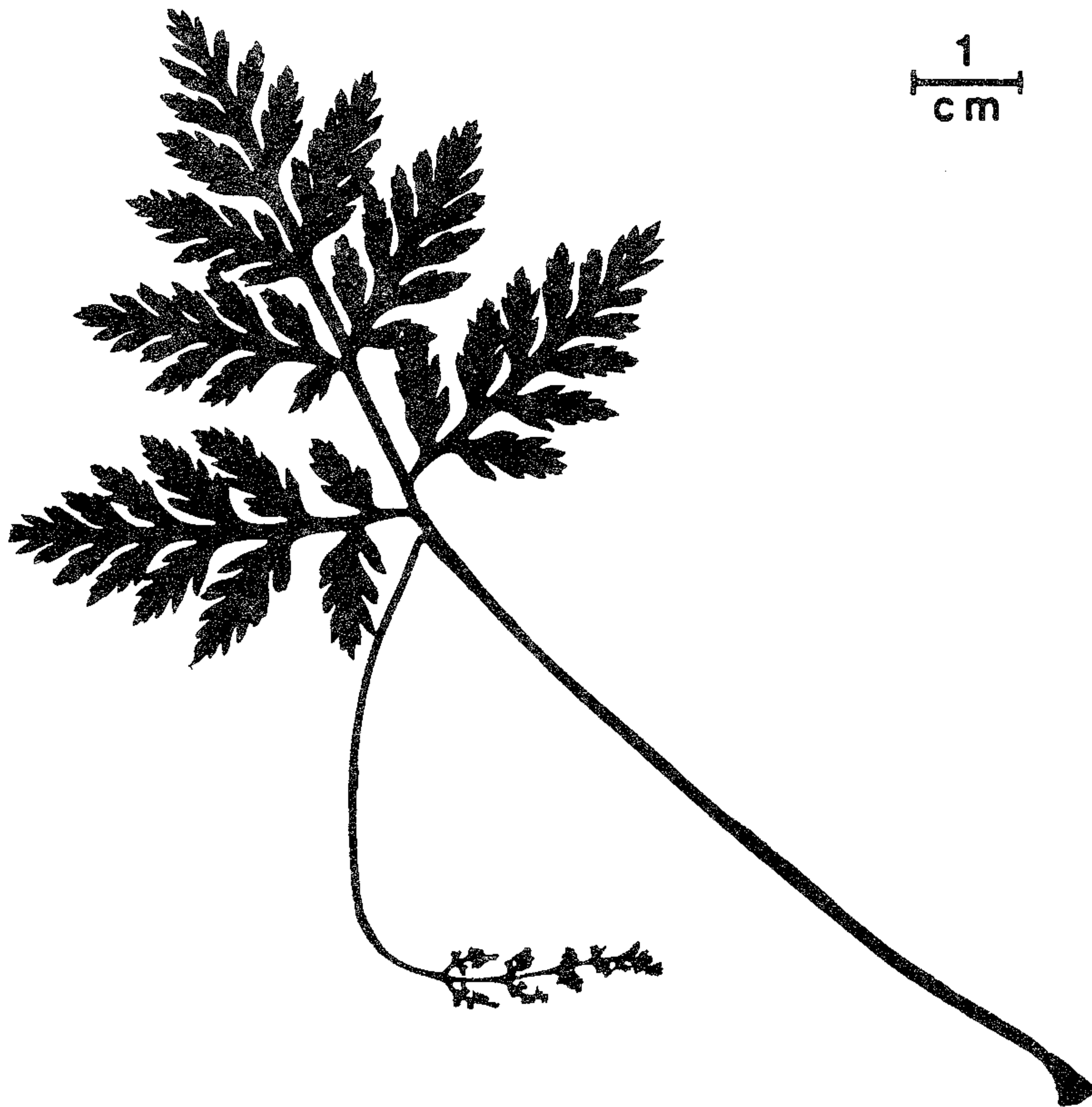
Jim Border  
Susan Yamanaka

### William Cusick (Northeast Oregon)

Deb Martin  
Bonnie Rux

### New Chapter Officers for Corvallis Chapter:

President: Duncan Thomas  
Vice-President: Keli Kuykendall  
Treasurer: Dan Luoma



## THE PLANT PUZZLE

*Sponsored by the Siskiyou Chapter*

Do you recognize this native plant? The first person to give the correct scientific name will win a prize.

Send your guess on a postcard to:

Peter Zika  
4230 NW Clubhouse Place #1  
Corvallis OR 97330

Danna Lytjen of Corvallis solved the November puzzle. Her choice of four plants native in both western Oregon and in Baja: *Eschscholtzia californica* (California poppy), *Sarcodes sanguinea* (snowplant), *Abronia umbellata* (pink sand verbena) and *Salicornia virginica* (glasswort).



## THE NATIVE PLANT SOCIETY IN THE NEW YEAR

As we enter 1993 the Native Plant Society of Oregon (NPSO) is entering a new phase of activity and commitment towards our mission of conserving, enjoying and studying the native flora of Oregon. We have several important conservation issues facing the Society that may require a new approach to ensure the protection of rare elements in our flora.

The first of these issues is our involvement with four other conservation groups in the suit against the US Fish and Wildlife Service for the listing of seven desert plant species threatened by gold mining. We as the Native Plant Society need to be involved in this suit as we are the most respected and qualified organization of advocates for our native flora. As Stu Garrett mentions in his column, we are not committed at this time as a party in the lawsuit but we are keeping our options open. The California Native Plant Society has been very successful with this approach and has removed the log jams preventing the protection of the rarest plants in California. The US Fish and Wildlife Service has settled all suits of this type out of court and we intend to work with them to provide the protection guaranteed to these rare plant taxa under the Endangered Species Act.

The second issue we will be dealing with early in the new year is the establishment of a NPSO grazing policy. Again, this is an issue at which I feel it is important for us to take a closer look.

We will be discussing both these issues at our Board meeting in January. If you have strong feelings on either of these issues, I strongly encourage you to either attend the meeting or let your chapter president or myself know your feelings. As we celebrate the return of the sun at solstice, the Christmas holiday and watch the turning of the New Year, I wish you a joyous season celebrating the diversity that is unique in Oregon.

—Lisa Croft  
NPSO President

## NPSO—ODA INTERNSHIPS AVAILABLE

The Oregon Department of Agriculture Conservation Biology Program (ODA) and The Native Plant Society of Oregon (NPSO) expect to co-sponsor two internship positions for summer 1993 field work. The internships last approximately two weeks during which the intern works with ODA staff conducting research on endangered plants, often in remote parts of the state. Participants must be willing to travel, camp overnight, hike and work outdoors, often in inclement weather. Scheduling of the internship is somewhat flexible, and participants receive a \$300 stipend from both ODA and NPSO. By September 1993, each intern must write a description of their research activities to be published in the NPSO *Bulletin*.

In addition, ODA hopes to offer a **2 TO 3 MONTH** internship position in 1993. This position will acquaint the intern with several threatened and endangered species and all aspects of field research. The participant will receive a stipend of \$800 per month, and be expected to accompany ODA field staff on a regular, full-time basis. Funding for these positions is not yet secured, but we expect to have final confirmation no later than March 1993.

Anyone may apply. If you are interested, please contact:

Tom Kaye or Bob Meinke  
Oregon Department of Agriculture  
Plant Conservation Biology Program  
635 Capitol NE  
Salem OR 97310  
(503) 378-3810



## EASTSIDE CONSERVATION REPORT

The Eugene Rare Plant Conference was held on November 7th with over 100 attendees from the Native Plant Society of Oregon (NPSO) and various agencies. Over 170 plant species were considered and a number of additions, deletions, and changes were made in the rare plant list for Oregon. Jimmy Kagan of the Natural Heritage Database did an excellent job as moderator. The Database folks are ready to pass on the task of hosting the biennial conference and printing the book which is Oregon's official listing of rare species. The NPSO has offered to take over the job. The next meeting will be held the first weekend of November, 1994 in Bend and will be sponsored by the High Desert Chapter.

As our members are aware, cyanide heap leach mining for gold is being planned for Oregon. The planned Grassy Mountain Mine in Malheur county has just been taken over by Newmont Gold, Inc., which is the largest gold producer in the USA. When the price of gold rises, this mine WILL become a reality. Others will surely follow. In light of this prospect, the NPSO and four other conservation groups petitioned the US Fish And Wildlife Service (USFWS) to list under the Endangered Species Act of 1973 seven of eastern Oregon's rarest plants (*Amsinckia carinata*, *Astragalus sterilis*, *Eriogonum crosbyae*, *Ivesia rhypara* var. *rhypara*, *Mentzelia mollis*, *Mentzelia packardiae*, and *Senecio ertterae*) which are threatened by this mining as well as by grazing, recreation (motorized and non-motorized) and other activities. The petition was submitted in October, 1991. The document has been highly praised by everyone who has seen it as well-written and based on sound science. The USFWS found it to be "substantial" at all levels of review within the agency. Unfortunately, they have missed the statutory one year deadline to respond to our petition and show no evidence that they plan to list these rare species. There are unsubstantiated rumors that the Bureau of Land Management and USFWS will try to replace the listing of several of these species with conservation agreements.

In consultation with NPSO President Lisa Croft and others, we have decided that this response is insufficient, and further action on behalf of these plants is needed. Therefore, in conjunction with co-petitioners Portland Audubon Society, Oregon Natural Desert Association, Concerned Citizens for Responsible Mining, and Oregon Natural Resources Council, we have authorized a Eugene attorney with experience in these matters to file a 60 day notice of intent to sue the Department of the Interior for missing the one year deadline. This filing doesn't constitute a suit and doesn't commit us to be a party to one. It simply maintains our option to do so. The NPSO Board will discuss further action at its next Board meeting. I feel that NPSO should pursue these listings vigorously. Please make your feelings known to Lisa, your Chapter President, or me. On a positive note, more habitat for *Astragalus tyghensis* is being protected from domestic livestock grazing partly as a result of NPSO concerns. The Tygh Valley milk-vetch is an Oregon endemic which is found on State Park lands along the White River in Tygh Valley. Sites and survey plots for this plant within the park were being heavily impacted by grazing. Calls and letters by NPSO to the State Parks Department helped to bring about a project which will fence this public land from cattle and help conserve the rare milkvetch. The Parks Department was cooperative and pro-active on this issue and they are to be commended.

—Stu Garrett  
Eastside Conservation Chair

### TO OBTAIN A SUMMARY OF THE RARE PLANT CONFERENCE

The biennial conference on Oregon Rare Plants was held on the University of Oregon campus in Eugene on November 7th, 1992. A total of 171 plant taxa were reviewed by plant experts and enthusiasts from Oregon and other states. A summary of the conference results can be obtained by writing the Oregon Natural Heritage Program, 1205 NW 25th, Portland, OR 97210. Please include a self-addressed, stamped envelope.



## "WHERE CAN I BUY NATIVE PLANTS AND SEEDS?"

The answer to this commonly-asked question can be found in a neat little publication entitled Hortus Northwest: A Pacific Northwest Native Plant Directory and Journal. Although some NPSO members use this book regularly, others don't know of its existence. The current edition contains several articles of interest, a listing of northwest native plant and seed sources, and a cross index of nurseries listed for each available species. In other words, if you have a particular plant you are looking for, you can look up the plant, and the nurseries which carry the plant and / or seeds for starting it are listed. In my experience, the nurseries that send you the seeds give you no instructions on seed preparation or planting, so you're on your own. To assist with these questions, try Arthur R. Kruckeberg's superb book Gardening With Native Plants of the Pacific Northwest: An Illustrated Guide, available at bookstores or from the University of Washington Press, Seattle.

To order *Hortus Northwest*, contact Dale Shank at 266-7968 or PO Box 955, Canby OR 97013.

—Bruce Newhouse  
Emerald Chapter

## WILD AND SCENIC RIVER UPDATE

The Salmon and Sandy Wild and Scenic Rivers Environmental Assessments have been completed and published by the Salem District Bureau of Land Management (BLM) and the Mount Hood National Forest. For both rivers the botanical / ecological resources have been found to be "outstandingly remarkable". This means that these river stretches are unique or very unusual in the region, and from a management standpoint need to be handled with care.

The Salmon River flows through a wide variety of life zones from its headwaters to its mouth, ranging from high alpine life zones at its headwaters on Mount Hood to westside Douglas-fir forest types along the lower river. Along the way, the river flows through communities including a large subalpine meadow complex, important riparian areas, narrow basalt canyons, and old-growth Douglas-fir forests. The number of and variety of life zones and plant communities in a relatively short stretch of river are remarkable in comparison with several other rivers in the four county area.

The Salmon River is located to the west of the Cascade Range and to the south of the Columbia River Gorge. From its origins on Mount Hood at Palmer snowfield, the river flows for 33 miles, through the Salmon-Huckleberry Wilderness and through eight miles of mixed BLM, Clackamas County and private lands, to its confluence with the Sandy River at Brightwood. The entire river is designated a Federal Wild and Scenic River.

The botanical / ecological resource of the lower Sandy River are considered "outstandingly remarkable" values because of the diversity of vegetation (plant species and communities), the presence of a unique low elevation old growth forest ecosystem, and its important scenic and wildlife values.

The Sandy River is located just south of the Columbia River Gorge, and empties into the Columbia River just northeast of Troutdale. A 12.5 mile stretch of the river from Dodge Park to Dabney Park is designated as a Federal Wild and Scenic River. The same stretch of river is designated as a State Scenic Waterway as well.

For further information, contact Paul Norman, ZigZag Ranger District, Mount Hood National Forest (503-666-0700) about the Salmon River, or Bob Ratcliffe, Salem District BLM (503-375-5669) about the Sandy River.

—Larry R. Scofield  
District Botanist  
Salem District BLM



## WHAT IS A NATIVE PLANT?

The following is from *The Plant Press*, Newsletter of the Arizona Native Plant Society, Summer 1992.

Does that seem like a dumb question? We all know without a doubt that a saguaro is a native plant while a salt cedar is not. Native plants are plants that belong here and we have united to protect them. Native plants are like love or sleep. If you are the type that has to define them, you obviously don't know what they are.

If you have ever tried to write an ordinance dealing with revegetation issues, you have probably had the embarrassing experience of discovering that you aren't so sure after all. Let's look at some attempted definitions:

1. Native plants are the "common plants generally found in an area". These include palo verde, desert marigold, mesquite saguaro, ponderosa pine, tumbleweed, lovegrass—whoops.
2. Native plants are "those plants that arrived in our area on their own and were not introduced by man". This raises problems of knowing what plants were actually introduced by man, especially pre-Spanish man. Perhaps mescal or a yucca was cultivated by the Hohokam. Does anyone have a good species list from 1066 or 1492?
3. Native plants are "those plants that arrived in an area on their own and were not introduced by man in the last 100 years". Isn't this one a bit eurocentric? What is botanically different about plants introduced by Anglos as opposed to O'odham? Or is the difference the number of generations?

Now let's look at the dictionary definition of a native. "Being such by birth or origin." If we used that definition, an exotic plant would become native in the second generation, just as a native Arizonan is one born here even if the parents came from Peoria. (Although the only real Native Americans are those whose ancestors arrived here before the conquest.) That doesn't work.

How about "Originating, growing or produced in a certain place; indigenous as opposed to exotic or foreign". That has all the problems of the definition above, except it does not include those "introduced from outside". Since a lot of southern Arizona species arrived within the past 10,000 years, they wouldn't technically be indigenous. Actually, "indigenous" is probably closest to what we really mean, but would you prefer to belong to the "Indigenous Plant Society"?

"Who cares?" you say. "I know what I mean." Sure, but put that into an ordinance. Try telling someone in the construction business that they must revegetate with native plants, without telling him what natives are. And try taking him to court for the crime of planting a non-native, without being able to prove that plant really is non-native—to do that you need to know what a native is.

Of course you could just list them, but that brings up another problem. Any list is bound to exclude someone's favorite species unless it is many pages long. And one has to have good reasons putting plants on a list or leaving them off. I actually saw a list of native plants for Pima County which included the Canary Island Palm. Who an I to say that's not now native?

One legal attempt to define native referred to plants naturally found within a certain number of feet of the property in question. Plants may be native to riparian areas, but not surrounding lands. And that would mean that creosote flats would have to be revegetated with creosote where the landscaper might have preferred saguaros.

I think you get the picture. Now the Society has a position on revegetation and a strong statement of principles, it would help to know what we are talking about. If anyone has found a good working definition of "native plant" please send it to the Editor for further consideration. This right answer could make you a winner, especially if you're a "native" Arizonan.



## BITS AND PIECES

NEWS AND INFORMATION FROM ALL OVER

### YEW INVENTORIES IN

Both the US Forest Service and the Bureau of Land Management (BLM) have completed inventories of Pacific yew for Oregon and Washington. The counts showed that Forest Service land and BLM land in Oregon contain over 50 million yew trees. Though they favor old growth, yews were also found in clearcuts and dry rocky south slopes.

The BLM sampled 820 plots on their 2 million acres of yew habitat, finding an average distribution of over 5 trees per acre. The Forest Service surveyed 1,875 sample plots in seven National Forests covering perhaps 7 million acres in both states, averaging less than 6 trees per acre.

About 1/6th of these are large enough to harvest, and half or more grow in special management areas like wilderness, riparian areas, recreational sites and spotted owl set asides. Perhaps 10% (5 million) of the trees inventoried are potentially available for harvest. It has been stated that it takes 6 hundred-year-old yews to treat one cancer patient. Simple arithmetic shows that enough taxol could be produced to treat less than one million cancer patients. Demand within the United States would consume this supply in perhaps three years. The United States has about 1/20th of the world's population, so world demand could consume the inventory in a few months. And re-growth to the same size will take 100 years. Yew also grows to smaller size and in lesser abundance in northern California, Idaho and western Montana and is also present on private lands.

The BLM sold 270,000 pounds (green weight) of yew bark in 1992 at 30¢ per pound. Illegal rustling of yew bark has practically stopped. Only one contractor, Hauser Northwest, is allowed to collect it, and only one company, Bristol-Myers-Squibb, is allowed to study the product. The drug company hopes to gain approval for commercial sale of taxol in 1993. Effectiveness of taxol has been shown against several forms of cancer.

### LAKE DISTRICT BLM BOTANIST POSITION OPEN

The Lake District Bureau of Land Management will advertise a botanist position in the next month. The position will involve special status species monitoring and project clearances. Pay will range from \$22,500 to \$27,700, depending on experience.

For more information or to obtain a copy of the announcement, contact Robert Lund at (503) 947-2177.

### WINTER GARDENING SERIES

The Organic Gardener's Association and the Friends of Salem Public Library are co-sponsoring a winter gardening series this season which will present a good deal of information on native plant use. The speakers should be of interest to NPSO members. All three programs will be Saturdays in the Anderson Auditorium of the Salem Library at 2 pm.

On Jan 23rd NPSO member Wilbur Bluhm will give a slide presentation on gardening with native plants.

On Feb. 20th Frank Morgan will speak and show slides on ecological land use. He and his wife earn their living from a one acre market garden while they preserve on their farm an adjacent section of Willamette Valley prairie.

The March 13th program will cover organic / low-spray roses, including old garden roses and species roses.



**STATE OFFICERS**  
 DIRECTORS..... Bill Hopkins, Jerry Igo, Warren Pavlat, Margie Willis, Carolyn Wright, Peter Zika  
 PRESIDENT..... Lisa Croft..... 699 W. 2nd, Prineville 97704; 447-5270  
 IMMEDIATE PAST PRESIDENT . Stephanie Schulz..... 652 W. 10th St. #1, Eugene 97402; 485-1868  
 VICE PRESIDENT..... Dan Luoma..... 2912 NW Arthur Ave., Corvallis 97330; 758-8063  
 SECRETARY..... Bruce Rittenhouse..... 1170 Michigan, Coos Bay 97420; w-756-0100; h-888-9328  
 TREASURER..... Nancy Wogen..... 205 Templeton, Brownsville 97327; 466-5195

**STATE COMMITTEE CHAIRS**  
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 MEMBERSHIP ..... Jan Dobak..... 2584 NW Savier St., Portland 97210; 248-9242  
 WILDFLOWER POSTERS ..... Jennifer Dimling..... PO Box 920, Eugene 97402; 343-3242  
 NOTECARDS ..... Nancy Fredricks..... Box 127, North Bonneville, WA 98639; (509)-427-8778

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 HIGH DESERT (Bend) ..... Cindi O'Neil..... 22100 Sweetgrass Dr., Bend 97701; 389-3085  
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 NORTH COAST ..... Jim Winslow..... 8750 Valley View Dr., Tillamook 97141; 842-2246  
 PORTLAND ..... John King..... 3320 SW 100th Ave., Portland 97225-2940; 292-6539  
 SISKIYOU ..... David Kennedy..... 8394 Wagner Creek Rd., Talent 97540; 535-6383  
 UMPQUA VALLEY (Roseburg) Ted Schattenkerk..... 3805 Hwy #42, Winston 97496-9546; 679-6953  
 WILLAMETTE VALLEY (Salem) Kathy Connelly..... 12611 Centerwood Rd. SE, Jefferson 97352; 327-1212  
 WM. CUSICK (LaGrande) ... Bob Ottersburg..... PO Box 885 LaGrande 97850; 963-4907

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**GUIDELINES FOR CONTRIBUTORS**

The NPSO *Bulletin* is published monthly as a service to NPSO members and the public. Contributions of all types are welcome.  
**DEADLINE: Copy is due with the editor by the 10th of each month.**  
 Submissions can be in any form. Author's name & affiliation are at the end of the article. Double space between paragraphs. For special materials (e.g., plant keys) choose an appropriate format, keeping in mind that readers may wish to carry your article pasted inside their favorite field guide. Formatting assistance is available from your editor. All *Bulletin* articles now go into the new NPSO database via computer. Camera-ready copy is not used, with rare exceptions.  
**Computer output:** The editor prefers articles submitted on Macintosh or IBM disks, or via modem. Contact the editor for details.

**Illustrations:** Line drawings, prints, and high contrast B&W prints are useable. Some Macintosh graphics can be used also. Contact the editor about our current needs, or send them along with your article.  
**Credits:** If the item is not original, name and date the source. For original items, identify the author and indicate, for news items, if a by-line is desired. Indicate whether the item is to be used in its entirety or excerpted at the editor's discretion.  
**Scientific Names:** Nomenclature should follow *Flora of the Pacific Northwest*, by Hitchcock et al., when appropriate. Use both scientific and common names if possible. *Italicize* genus and species, or underline.  
**Return of Originals:** Submissions are not returned unless requested.

Membership in the Native Plant Society of Oregon is open to all.  
**Membership applications, renewals, and changes of address (include old address and zip code) should be sent to the Membership Chair.**

**NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM**

Name \_\_\_\_\_ Chapter (if known) \_\_\_\_\_  
 Address \_\_\_\_\_ **Is this a change of address?**  
 If so, please write your *Old Address* here: \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip+4 \_\_\_\_\_ - \_\_\_\_\_  
 Phone (Home) \_\_\_\_\_ (Work) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

\* **DUES** include monthly NPSO *Bulletin*. Full membership is for a calendar year, January through December. New memberships enrolled during September through December are charged a reduced "Quarter Membership" rate.

- |                                 |             |   |   |
|---------------------------------|-------------|---|---|
| ( ) New                         | ( ) Renewal | ( ) Quarter Membership (Sep.-Dec.) \$3.00 | ( ) <i>Bulletin</i> Subscription only \$12.00 |
| ( ) Student.....\$ 8.00         |             | ( ) Sustaining.....\$ 30.00               |   |
| ( ) Regular.....12.00           |             | ( ) Patron.....100.00                     |   |
| ( ) Family Membership.....18.00 |             | ( ) Life Member .....500.00               |   |

\* **CONTRIBUTIONS:**  
 Leighton Ho Memorial Award Fund..... \$ \_\_\_\_\_  
 Rare and Endangered Plant Fund..... \$ \_\_\_\_\_

\* All contributions to the Native Plant Society of Oregon, a non-profit organization, are tax deductible. Please make checks for dues and contributions payable to NATIVE PLANT SOCIETY OF OREGON. Send completed form and full remittance to:

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