

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 25 NUMBER 10

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OCTOBER 1992

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Native Plant Society of Oregon PO Box 902, Eugene OR 97402  
Membership inquiries: Jan Dobak, Membership, 2584 NW Savier St., Portland OR 97210-2412  
For more society information, see the inside back cover.

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. Each group using wilderness must be no larger than 12.

## CHAPTER NEWS

### Blue Mountain



For information call Jerry Baker (566-2244).

### Corvallis

10 Oct., Sat.

**WORKSHOP:** Seed and cutting propagation of native plants 10 am to noon. If interested, call Loren Russell (752-7558).

12 Oct., Mon.

**MEETING. NEW LOCATION:** Unitarian Fellowship at 2945 NW Circle Blvd. Corvallis. At 7 pm there will be a conservation issues meeting. At 7:30 pm Manuela Huso will talk on purple loosestrife in Oregon and its biological control. Call Esther McEvoy for information (754-0893).

### Emerald

12 Oct., Mon.

**MEETING.** Junior Robertson will give slide show & discussion on East Alton Baker Park charter amendment. 7 pm. at Morse Ranch Park. From downtown Eugene, take Willamette St. S. to Crest Dr. (Rt. thru. "Y" for Donald, between 32 & 33rd. Ave. E.). Turn right (W.) on Crest and proceed about 4 blocks. Turn right into Wayne Morse Ranch Park parking lot. Walk east to the white farmhouse.

24 Oct., Sat.

**WORK PARTY.** Amazon Park native prairie restoration. Bring shovels, gloves for digging tall fescue. Dress for work, rain or shine. Seeds & bulbs from eight local native populations will be provided. Meet on the Amazon bike path, northwest of the Amazon Community Center, 2700 Hilyard, Eugene, 10 am.

9 Nov., Mon.

**MEETING.** Tom Kaye on Monitoring Lane County's federally listed rarities: Bradshaw's lomatium and tall bugbane. Slide show & panel with Jennifer Dimling and Nancy Wogan, local USFS & BLM botanists. 7 pm at Morse Ranch Park. From downtown Eugene, take Willamette St. S. to Crest Dr. (Rt. thru. "Y" for Donald, between 32 & 33rd. Ave. E.). Turn right (W.) on Crest and proceed about 4 blocks. Turn right into Wayne Morse Ranch Park parking lot. Walk east to the white farmhouse.

More information? Call Bruce Newhouse (president 343-2364) or Ethen Perkins (programs 345-3944).

## High Desert

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For information call Cindi O'Neil (389-3085).

## Mid-Columbia

7 Oct., Wed.

**MEETING:** 7:30 pm at the Mosier School. Ed Guerrant, Conservation Director of the Berry Botanic Garden, will present the program "Reintroduction of Native Plant Species as a Conservation Tool". It will feature *Penstemon barrettiae* and *Stephanomeria malheurensis*.

## North Coast

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**FIELD TRIP:** To be announced.

27 Oct., Tues.

**MEETING:** 7pm at the Carl Rawe Meeting Room in the Tillamook PUD, 1115 Pacific, Tillamook. Jerry Igo of the Mid-Columbia NPSO Chapter will give a presentation on showy wildflowers of Oregon.

## Portland

13 Oct., Tues.

**MEETING:** 7 pm at the meeting room of the Washington Park Zoo, near upper end of parking lot at Gate G, Portland. [Note the change of place for this month only.] Joy Belsky will give a presentation, with slides of her climb up Tanzania's Mt. Kilimanjaro, starting with tropical rainforest and ending at the glaciers at the top. She will discuss the evolutionary pressures resulting in the unusual adaptations of plants to high altitudes at the equator. Joy recently moved to Portland after 12 years of research in Tanzania and Kenya for Syracuse and Cornell Universities.

## Siskiyou

15 Oct., Thurs.

**MEETING:** 7:30 pm in Room 171, Science Building, Southern Oregon State College. Public invited. Program to be announced. For information call David Kennedy (535-6383).

## South Coast

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

## Umpqua Valley

8 Oct., Thurs.

**MEETING:** 7 pm in Room 311 of the Douglas County Courthouse.

17 Oct., Sat.

**FIELD TRIP:** To see mushrooms and other fungi and discuss the roles they play in the forest community. Leave at 7:45am from the BLM parking lot, 777 Garden Valley Rd. For information, call trip leader Jack Hausotter (874-2462).

## Willamette Valley

19 Oct., Mon.

**MEETING:** 7 pm in Room 225 of the First United Methodist Church at 600 State Street (corner of Church & State), Salem. Frank Kolwicz, past Willamette Chapter President and a professional photographer, will present a program on "Plant Photography".

16 Nov., Mon.

**MEETING:** 7 pm in Room 225 of the First United Methodist Church at 600 State Street (corner of Church & State), Salem. Mike Fahey will present a program on "Flowers and Seeds of the Columbia Gorge".



16 Nov., Mon.

**WORKSHOP:** Bruce McCune, professor of botany at Oregon State University, will lead a Lichen Workshop at Silver Falls State Park. Meet at 9 am at the cabin behind the Main Lodge Building in the Park.

## William Cusick

6 Oct., Tue.

**MEETING:** 7:00pm ESD Office, 2100 Main Street, Baker City, Oregon. Paula Brooks will present a slide show on trees and shrubs of northeast Oregon.

10 Oct., Sat.

**FIELD TRIP:** 10am Oregon Trail Interpretive Center, Virtue Flat, East of Baker City. Alan Bahn, a range scientist with the Soil Conservation Service in Baker City will lead a tour of the vegetation at the interpretive center.

17 Oct., Sat.

**WORK PARTY:** 9am Gangloff Park, west edge of LaGrande along the old highway. This will be a cleanup day, preparation of the site for planting natives and salvage of plants from a highway construction site. Contact Kent Coe (962-7049) or Lucinda Heber (963-9214).

24 Oct., Sat.

**WORK PARTY:** 9am Gangloff Park, LaGrande. Planting of new materials. Contact Bob Ottersberg 963-4907.

### Welcoming Our New Members...

Here's our new members from May 31st thru August 1st:

#### **Corvallis**

Chris Gardner  
Katherine Hunt  
Aaron & Sara Liston  
Carolyn Pearson

#### **Emerald**

Dawn Meckleson

#### **High Desert**

Leslie Gecy  
Cynthia & John & Ayla Glenn  
Mary Morton  
Robert Nobile  
Barbara E. Russell  
Linda C. Weaver  
Mary Alice Willson

#### **North Coast**

Jeri Hise  
Byron D. Ruppel

#### **Portland**

Beverly Bach  
Joy Belsky  
Edwin Chinn  
Julie Gates  
Carolyn McAlear  
Rick & Nora Miller  
Magdalen Rebholz  
Kitty Wheeler  
Kathleen Wilson

#### **Siskiyou**

Dianne Louise Keller  
Linda Knight

#### **Umpqua Valley**

Jody & Dan DeLand  
Anna Slemmer

#### **Willamette Valley**

Susan R. Hall  
Josh & Barbara Reese  
Art & Sandi Reinke  
Janvier Slick  
Patricia A. Wheeler

#### **William Cusick**

Donna & Mike Higgins



## RARE PLANT FIELD STUDY

### *LOMATIUM GREENMANII*

Known only from alpine meadows and rocky outcrops on the top of Mt. Howard and Ruby Peak in Oregon's Willowa Mountains, *Lomatium greenmanii* (Greenman's desert parsley) was the subject of a June 1992 field study developed and directed by Tom Kaye of the Oregon Department of Agriculture (ODA) and co-sponsored by the US Forest Service. Thanks to a grant-in-aid by the Native Plant Society of Oregon, I was able to assist the ODA research team as a field botany intern, an exciting opportunity to contribute to rare and endangered plant research.

The study site on Mt. Howard is set in an incredibly beautiful location at 8,256 feet overlooking the Eagle Cap Wilderness, the near perfect glacier moraines of Willowa Lake, and Hells Canyon to the east. Our field team experienced probably the best and the worst of field conditions, including clear skies interspersed with freezing temperatures and snowstorms, as we established transects and measured plant size and density. A tramway takes thousands of visitors each year up a 4,000 foot ascent in small gondolas to this spectacular location. The unique habitat for *Lomatium greenmanii* occurs in profusion only on the Mt. Howard summit, and the impact of such frequent human visitors was the main interest of our field research.

*Lomatium greenmanii* is listed as threatened by the State of Oregon and is a candidate for federal listing under the Endangered Species Act. In 1988 Tom Kaye began monitoring *L. greenmanii* and studied plant characteristics along five transects located in areas of low, medium and high human disturbance levels. In a cooperative effort between ODA and the Willowa-Whitman National Forest, facilitated by botanist Marty Stein, the 1992 research included setting up an extensive and long-term monitoring system to be incorporated into ongoing federal work on the species. The results will provide accurate information to assist the Forest Service in routing trails and improving the visitor interpretation system so that *L. greenmanii* is protected from future disturbance.

Our work on Mt. Howard included reestablishing the previous five monitoring transects, surveying and mapping the *L. greenmanii* populations onto an aerial photo, and setting up seven new transects in representative areas. Tom also collected pollinators for comparison with the those collected in

the 1988 study. *Lomatium greenmanii* is a low-growing perennial generally less than 10 cm in height with moderately dissected leaves, a broad caudex, and umbels of tiny yellow flowers borne on scapes. As observed previously, we found *L. greenmanii* specimens in high impact areas to be generally more stunted, less reproductive, and more scattered than those from untrampled areas.

We set out to work June 26th with the Forest Service staff. Our attempt to drive to the top of Mt. Howard was unsuccessful due to impassably wet roads, so we commuted in the gondola to our work site. Using photos of the old transect locations, we scoured the ground trying to locate steel spikes left behind in 1988 to mark the sites. The problem caused by human trampling was immediately evident. We observed a network of planned and unplanned trails, bare of vegetation for up to 6 feet, and a tendency for visitors excited by the wondrous view and alpine flora to wander everywhere, unaware that a rare plant often lay at their feet.

The top of Mt. Howard consists of several hundred acres of gentle slopes with alpine meadows, tundra, and some rocky outcrops which fall off sharply to the valley below. We observed scattered whitebark pine, heather, lupine, grasses and many other species, as well as pesky chipmunks, rabbits, and deer all in close proximity. *Lomatium greenmanii* was observed in both meadow and rocky locations throughout a large portion of this area. One of our first challenges in data collection was isolating single plants, since individuals of the species often grow closely intermingled. Relatively large patches of *L. greenmanii* with numerous long scapes were observed in remote areas away from the tram buildings.

During the next few days our field team, including Matt Carlson, Lupin Loel, and Angie Ruzicka, collected data concerning plant size and density of *L. greenmanii* along 5 meter transects. We randomly selected individual plants in 100 cm x 25 cm plots along the transect, then measured the plant size, number of umbels, average scape length, and maximum phenology (many were fruiting). We also counted the number of plants and estimated percent cover for *L. greenmanii* in each plot. Since Tom had placed some original transects near very popular viewpoints, we received many questions from curious visitors as we



worked. After we explained our rare plant study, I was pleasantly surprised at the interest and enthusiasm the general public expressed about the plant and what we were doing. At least one person took a home video with closeups of *L. greenmanii*.

In the final days of our work we set up the new transects and collected plant data with assistance of Marty, Joanne and Jennifer from the Forest Service. Our scenic working conditions suddenly changed as the weather turned to occasional rain, hail, and even snow! Back at camp large puddles under several of our tents prompted a popular decision to move to a lodge for a couple of nights. The new transects, 15 meters long, were laid perpendicular across trails in representative locations within *L. greenmanii* populations we had mapped earlier. We measured and recorded plant location, size, number of umbels, and percent cover in 20 x 50 cm Daubenmire plots. Our final task was to photograph all transects and carefully record their location and orientation. The goal was to ensure that future teams could locate the exact locations in subsequent years and measure changes in population numbers and individual plant size, especially in relation to distance from trails.

Although results from this study will be compiled later, some trampling impacts on *L. greenmanii* were obvious. A 1988 photograph of one transect showed several *L. greenmanii* plants and scattered large rocks in one section which is now bare soil where a new "trail" had begun. Some visitor management steps have already been taken to protect *L. greenmanii* from excessive disturbance, such as the recent addition of a weekend Forest Service interpreter to guide tours and supervise visitors on the trails. Physical trail barriers like rocks, designated view locations, and better trail signs describing *L. greenmanii* and other fragile alpine taxa were discussed as means of possible future protection for the local ecosystem. I am happy to report that there is still a large population of *L. greenmanii* on top of Mt. Howard and the ODA/Forest Service project is helping to protect it.

I found this internship to be an extremely valuable experience as I continue my training as a biology student at Oregon State University. Special thanks go to the Native Plant Society of Oregon, Bob Meinke and Tom Kaye of the ODA Plant Conservation Biology Program, the U.S. Forest Service, and the excellent botany program at Lane Community College which helped prepare me for this assignment.

—Ed Hoover  
Oregon State University

## PRESIDENT'S CORNER

I am pleased and honored to be serving as the President of the Native Plant Society of Oregon. We are the constituency for all the native plants of Oregon be they rare or common. We serve a very important role in being the advocate for native plants and ecosystems in the state and we need to communicate our message to all levels of decision makers, from those at the national level in Washington D.C. to those at the local level in our state, county and neighborhood. This is a critical time for our voices to be heard. I feel we need to let others know the value of these plants and the importance of protecting their habitat and those processes that create and renew habitat. Written contact with the appropriate decision makers is especially important. Those of us that live near or spend time on public lands need to be involved in management decisions that affect those lands.

Native Plant Society members are ideal "key contacts" or "stakeholders" when input is necessary for decisions that have an effect on our native ecosystems. This is an exciting time when we consider the potential impact of a group as large as the Native Plant Society of Oregon. I look forward to meeting and working with you. Please feel free to share your ideas, comments and criticisms with me.

—Lisa Croft  
NPSO President



*Iris tenax*  
drawn by Julie Kierstead



## HECTIC DAY FOR EMERALD R & E CHAIR

8:01am, Tuesday Sept 1. Phone jangling. Heavy equipment operator on line. Been ordered to bulldoze *Lomatium bradshawii* at Short Mt. Listed federally endangered. Two acres designated wetland diked and graded.

8:05am. Pull rap sheet—long as arm. Lane County owned and operated landfill. Sited on Bashaw clay wetland. No EA or EIS. FOIA from Corps: no permits issued. Floodwaters lap at base. Bad leachate breakout 1991. DEQ monitoring wells under water. Leachate ponds sited in Camas Swale creekbed. Raw leachate sprayed on lomatiums last year. City of Corvallis drinking water. Coffee getting cold.

8:09am. Outgoing enforcement calls. Laura Todd; USFWS rare plants. Jeff Kent; prosecutor, US Attorneys Office. Norm Delorme; natural resource / ecoterrorism special agent, FBI. Larry Keene, FWS Enforcement Agent, Seattle. Ken Bierly; Division of State Lands Wetlands Director. Brian Lightcap; US Army Corps of Engineers, Clean Water Act Enforcement Officer. Audrey Eldridge; DEQ Compliance Officer. Help on its way.

8:23am. Reheat coffee. Outgoing calls to resource specialists. Bob Meinke: ODA rare plant program. Jimmy Kagan; Oregon Natural Heritage Program. Bill Castillo; ODFW District biologist. Laura Bernstein; USFS Fisheries Biologist.

8:35am. Review resource data. Crucial southern anchor in new recovery plan for Bradshaw's lomatium. ONRC lawsuit filed August 10th. *Aster curtus*, *Erigeron decumbens* nearby.

Western pond turtle juveniles. Bald eagle nest downstream. Oregon chub in Camas Swale.

8:49am. Outgoing calls to interest groups. Bruce Newhouse; NPSO Chapter President. Peggy Robinson; Sierra Club Many Rivers Group. Dan Stotter; environmental attorney, Friends of the Coast Fork.

8:59am. Outgoing calls to media. Harry Esteve (Register-Guard). Kathleen Monje (The Oregonian). Pauline Austin (KVAL). Channel 13. OPB. KNPR.

9:21am. Make pancake batter. Turn on stove.

9:22am. Incoming call, line 1. Turn stove off.

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4:59pm. Last TV crew gone from house. Take last phone call. Prep last of 16 fax packets. Make fresh pancake batter. Turn stove on.

5:01pm. Equipment operator again. Harassed by supervisor. Advise to hire attorney, threaten County with whistleblower suit. Spouse already did.

—Tom Pringle  
Emerald Chapter

## POTENTIAL THREAT TO US PRICKLY PEARS

The following article is from *Park Science*, Summer 1992. If anyone finds this insect, send us a report.

*Cactoblastis cactorum* is a phycitine moth that has been used with remarkable success as a biological control agent against prickly pear cacti, *Opuntia* spp., in Australia, the Caribbean, Hawaii, India and South America. Solid stands of prickly pears have been reduced to a few stragglers in all these areas within a very short time. The moth whose larvae feed within the cladode (pad) often is cited as one of the best examples of effective biological control.

The moth was introduced to the Caribbean in 1957 to control the prickly pear on Nevis. Later it was taken to other islands but also dispersed naturally to areas such as Puerto Rico. Recently it was found in the Florida Keys and since has spread as far north as Key Biscayne.

There are many species of *Opuntia* in North America, where they form an important element of the flora of certain ecosystems, e.g., deserts. Some of these species now are quite rare. They already are attacked by native phytophagous insects. The introduction of *Cactoblastis*, however is a very serious threat to the genus. Pesticides are only effective during the period when the larvae are penetrating the pads. Thereafter they are generally protected by the thick outer cuticle of the pad. A number of natural enemies of *Cactoblastis* are known, but their efficacy and host specificity need evaluation. It is unlikely that such a study will occur unless considerable pressure is brought to bear on state and federal agencies.

More detailed information can be had from Drs. D.H. Habeck and F.D. Bennett, Dept. of Entomology and Nematology, IFAS, Univ. of Florida, Gainesville 32511. Ask for Entomology Circular 333 – *Cactoblastis cactorum* Berg (Lepidoptera: Pyralidae), a Phycitine New to Florida.

Clifford Smith and Donald Gardner  
NPS / CPSU, University of Hawaii



## FALL T & E PLANT CONFERENCE

Its an even numbered year, so we are again planning a Rare and Endangered Plant Conference. The conference will be sponsored by University of Oregon Herbarium, Native Plant Society of Oregon, Oregon Department of Agriculture, Oregon Natural Heritage Program, as well as by the Forest Service and Bureau of Land Management, under the Interagency Rare Plant Committee.

We again plan to have the conference in Eugene. This will probably our last conference there, since the Herbarium will be closing. After this year we plan on holding conferences and reprinting the booklet Rare, Threatened and Endangered Plants and Animals of Oregon every third year, instead of every other year. The conference is scheduled for the weekend of November 7th & 8th. This year we plan to entirely review the T & E lists on Saturday, November 7th. In order to get through the lists in one day, we are requesting that all interested parties propose all changes in advance. Send proposed changes to:

Sue Vrilakas  
Oregon Natural Heritage Program  
1205 NW 25th Avenue  
Portland OR 97210

All we need is the name of the species, the proposed change, and a very brief explanation, as well as your name. Nothing formal is required, and neat handwriting is fine. In order to be able to collate and circulate these proposed additions, deletions and status changes, we would like these be received at our office by October 1st. Since you will be reading this around October 1st, we would like the changes ASAP. We will send out the list of proposed changes on October 20th to everyone who sends in recommendations for change, or who sends us a stamped, self-addressed envelope. This way we can limit our discussions at the conference to changes for which there is some disagreement.

The Forest Service and the BLM may use this opportunity to provide some workshops for Botany training on the Thursday and Friday before the meeting. Depending on the wishes of NPSO members and the Board, we may or may not continue the meetings on Sunday, November 8th.

## BLM REQUESTS INPUT ON WESTERN OREGON MANAGEMENT PLANS

The US Bureau of Land Management (BLM) has released draft Resource Management Plans (RMP) combined with an Environmental Impact Statements (EIS) for each of its six of its Western Oregon Districts. The six documents embody BLM's preferred alternative for each District. The plans are intended to be in force guiding BLM land management approaches for at least ten years.

The RMP's are monuments to the evolving awareness of a major governmental agency in respect to its stewardship over much of the public lands of our state. Publicity from the BLM touts its newly developed information-gathering and analysing abilities, which include GIS mapping, a greater awareness of the importance of ecosystem health to all forest uses, and the increased presence of and input from staff botanists and other experts. The practices of the BLM have in the past been widely criticized by the environmentalist community; and interest in the management shifts embraced in these draft RMP / EIS documents will be high. The BLM considers the changes included in these documents represent the most significant management changes yet for them.

The BLM is asking the public in general and NPSO members in particular to comment on these RMP's. There is a 90 day period to send in your comments. Be sure to ask for copies of the RMP from districts you are interested in, and send in your comments! Below are the addresses of the six Western Oregon BLM District offices:

Coos Bay—1300 Airport Lane, North Bend OR 97459; 756-0100.

Eugene—PO Box 10226 (2890 Chad Drive), Eugene OR 97440; 683-6600.

Lakeview—PO Box 151 (1000 9th Street S.), Lakeview OR 97630; 947-2177.

Medford—3040 Biddle Road, Medford OR 97504; 770-2200.

Roseburg—777 NW Garden Valley Blvd., Roseburg, OR 97470; 672-4491.

Salem—1717 Fabry Road, SE, Salem OR 97306; 375-5646.



## BITS AND PIECES

---NEWS AND INFORMATION FROM ALL OVER

### EXPANDED MT. PISGAH ARBORETUM FALL FESTIVAL AND MUSHROOM SHOW

Mount Pisgah Arboretum's 11th Annual Fall Festival and Mushroom Show will be held on November 1st, 1992 at the Mount Pisgah Arboretum, from 10 am to 4 pm.

An expanded variety of activities will enrich attendees of all ages. Featured again this year is the Scarecrow Contest with prizes awarded for originality and humor. Creative participants enter whimsical and humorous scarecrows which will grace the paths. Enter as a team or by yourself. Call the Arboretum at 747-3817 for entry info.

Fans of fungi should find our local mushroom experts, Freeman Rowe and Marcia Peeters, who will help identify the mushrooms you find and bring in.

For children we'll have guided arts and crafts activities, microscopes for viewing common nature subjects with different eyes, and puppet shows to entertain and educate. A Touch Table will be offered encouraging all ages to hold and feel some of the natural objects found at the Arboretum.

Other activities will include the sale of native and commercial plants, dried flowers and wildflower seeds, demonstrations featuring Northwest mushroom products as well as participation by commercial dealers in wild mushrooms and related products.

Expert trail guides will conduct nature walks at frequent intervals to allow visitors an opportunity to learn more about the Arboretum and its flora and fauna. Be prepared to enjoy our hot and delicious food items, including home-baked goods and fresh-pressed cider

.Live entertainment includes Balladina, a Balkan folk music group; Johnny Schiller and Michael, a local fiddle and accordion duo; and Mark Curry and Allan Phillips playing jazz.

Mount Pisgah Arboretum is off Seavey Loop Road on the Coast Fork of the Willamette six miles SE of Eugene. Follow the signs from the I-5 overpass past Lane Community College on 30th.

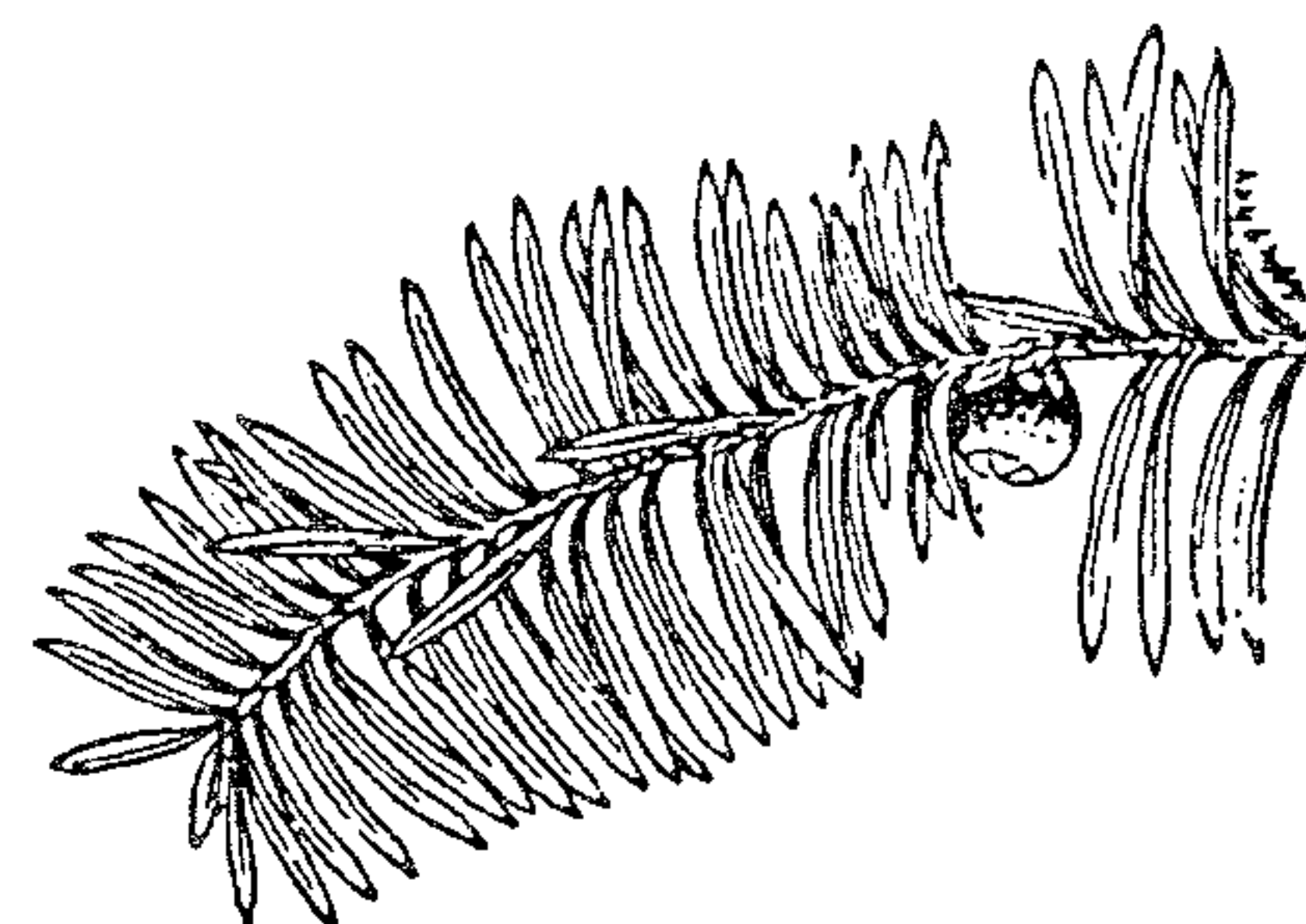
### THE WETLANDS CONSERVANCY'S ANNUAL WETLANDS CONFERENCE

Wetland areas, wetlands regulations and their enforcement, mitigation banking and the role of land trusts, set against the backdrop of the presidential election, will be the focus of The Wetlands Conservancy's annual seminar on Saturday, Nov. 21st, at Portland State University. It is slated to run from 9 am to 3 pm.

The conference will start with discussions of the values, nature and human use of wetlands in the different zones of Oregon. Talks will proceed to the subjects of wetlands regulations, enforcement, status of the Federal wetlands delineation manual, wetland mitigation banking, and private efforts to preserve our shrinking wetlands resources. The conclusion will be a panel discussion on the wetlands protection debate nationally and locally.

"This will be a unique opportunity to listen to and discuss Oregon wetland issues with interesting and knowledgeable experts", said TWC Executive Director Tony Laska. "Different points of view will add a dimension to everyone's understanding. Speakers will be drawn from Oregon governmental agencies, land trusts, education communities, and development communities.

To receive a registration form, write TWC at PO Box 1195, Tualatin OR 97062, or call 691-1394. Registration fee will be \$15 prior to Nov. 10th and \$20 thereafter or at the door. Students can register for \$7.50 including a complementary TWC membership.



*Taxus brevifolia*  
Western Yew  
Drawing from

Trees: Yearbook of Agriculture 1949



**STATE OFFICERS**  
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 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.....                           |
| ( ) Regular.....           |             | 12.00                                     | ( ) Patron.....                               |
| ( ) 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:  
 Jan Dobak, NPSO Membership Chair, 2584 NW Savier St., Portland OR 97210-2412.



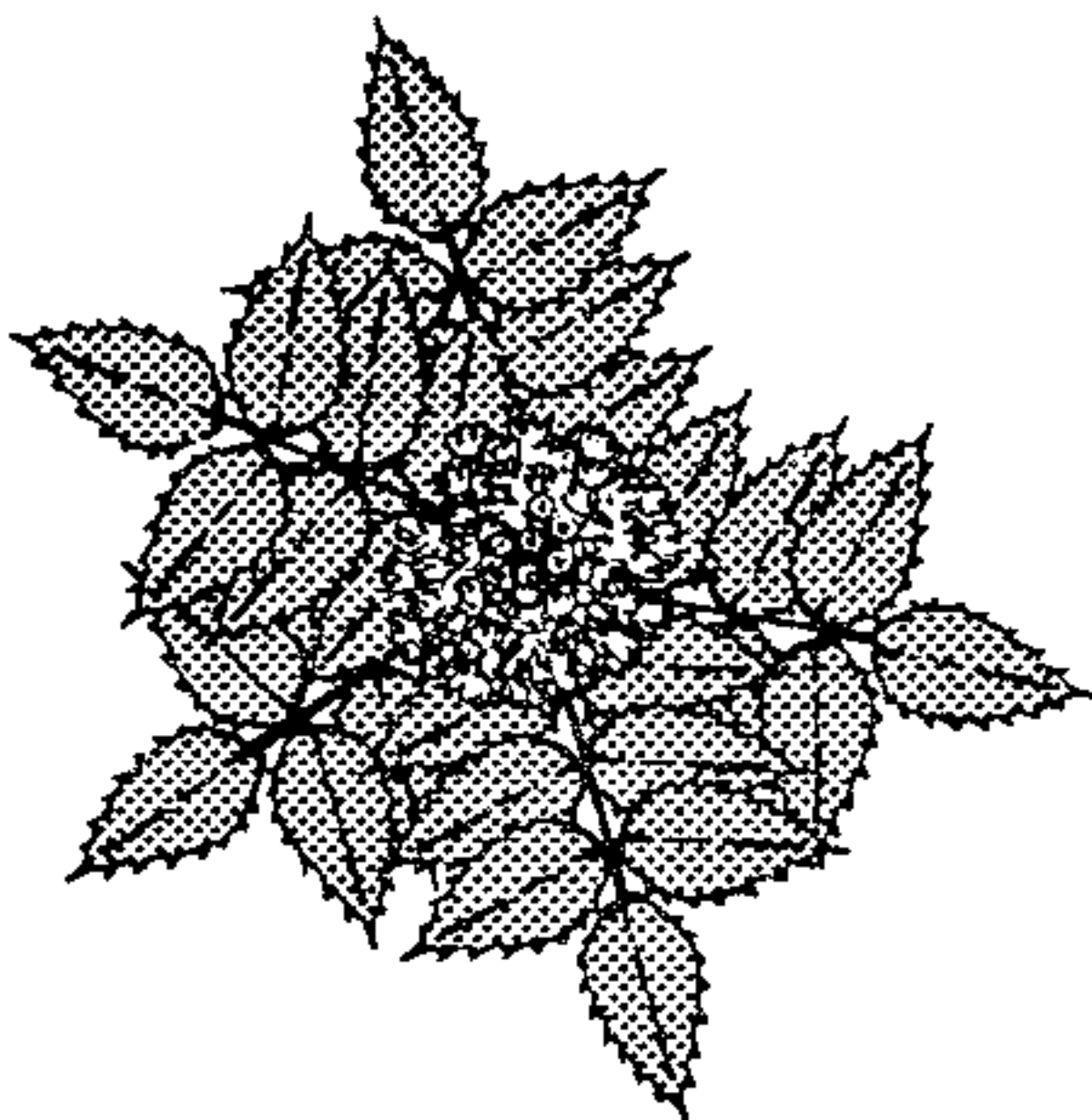
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Send change of address notices  
and membership requests to:  
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