

# *Bulletin* of the Native Plant Society of Oregon

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

---

VOLUME 27

NUMBER 4

APRIL 1994

---

ISSN 0884-599

## State News

May 13 - 15      **Annual Meeting:** In Ashland. See page 50, and also March Bulletin.

## Chapter News

### Blue Mountain

- April 4, Mon.      **Meeting:** 7 P.M. Small Business Development Center, 37 SE Dorian, Pendleton. Charlie Johnson, area ecologist, USNF, will speak on "The Subalpine of the Wallowa Mountains: Plant Communities and Flora."
- April 17, Sun.      **Field Trip:** Carpool to Jump-off Joe Butte, Kennewick, WA, to see rosy balsamroot, and to Twin Sisters on the Columbia. Meet, NE corner, Safeway parking lot, Pendleton, 8 A.M. Leader is Bruce Barnes, 276-5547.
- April 23, Sat.      **Field Trip:** Jointly with Wm. Cusick Chapter. Meet at the store in Troy, 9 A.M., for a hike into the Wanaha Wilderness. Call Marty Stein, 426-3443, or Bob Ottersberg, 963-9660, for information.
- April 30, Sat.      **Field Trip:** Boardman Bombing Range. Led by staff of the Nature Conservancy. Meet at NE corner, Safeway parking lot, Pendleton, 8 A.M. Call Bruce Barnes, 276-5547, for information.
- May 2, Mon.      **Meeting:** 7 P.M. Small Business Development Center, 37 SE Dorian, Pendleton. James McIver, LaGrande entomologist, will speak on arthropod communities on a native plant.

#### IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. Trips may be strenuous and/or hazardous. Participation is at your own risk. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Bring water and lunch. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome.

#### NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Each group using wilderness areas should be no larger than 12.

## Corvallis

- April 2, Sat. **Field Trip:** Phil Hays will lead a trip to McDowell Creek to see *Scoliopus hallii* (fetid adder's-tongue) in bloom. Meet, 9 A.M., in the parking lot across from the campus Beanery (26th and Monroe). Call Dick Brainerd, 758-4500, for information.
- April 11, Mon. **Meeting:** 7:30 P.M. Room 2087 Cordley Hall, OSU campus. Wilbur Bluhm will speak on "Native rhododendrons." Call Keli Kuykendall, 758-8409, for information.
- April 23, Sat. **Field Trip:** Columbia Gorge wildflowers. We'll explore some botanical hotspots of the Gorge. Meet to carpool, 7 A.M., in the parking lot across from the campus Beanery (26th and Monroe), or the Multnomah Falls parking lot on I-84, 9 A.M. Prepare for a daylong trip. Call Dick Brainerd, 758-4500, for more information.

## Emerald

- April 7, Thurs. **Field Trip:** 5:30 P.M. Evening wildflower walk with Dave Wagner. Meet at Mt. Pisgah Arboretum Nature Center. \$2 donation to the arboretum.
- April 8, Fri. **Field Trip:** 10 A.M. to noon. Wildflowers of the arboretum. Led by Rhoda Love. Meet at Mt. Pisgah Nature Center. \$2 donation.
- April 16, Sat. **Field Trip:** 9 A.M. Jenny Dimling leads a trip to Gold Point above Fall Creek, to look for *Romanzoffia tonsonii* and *Juncus kelloggii*. Meet at S. Eugene H.S. parking lot.
- April 25, Mon. **Meeting:** 7 P.M. Morse Ranch Park. Peter Zika will present "A Naturalist Visits the Rainforest Rivers of South America." Directions from downtown Eugene: Take Willamette St. south to Crest Dr. (right through "Y" for Donald, between 32nd and 33rd Aves. E). Go right (W) on Crest 4 blocks, turn right into Morse Ranch parking lot.

## High Desert

- April 26, Tues. **Meeting:** 7 P.M. Central Oregon Environmental Center, 16 NW Kansas, Bend. Susan Wilcox, Berry Botanic Garden, will speak on "Gardening with native plants."
- May 21, Sat. **Field Trip:** A day trip to an area between Bend and Madras where we will see efforts to restore damaged grassland and riparian ecosystems. Call Stu Garrett, trip leader, for information at 389-6981, evenings.
- May 24, Tues. **Workshop:** 3 - 8:30 P.M. Central Oregon Environmental Center, 16 NW Kansas, Bend. "Celebrating the wildflowers of central Oregon -- a workshop." Learn how to identify the common wildflowers of central Oregon. Hosted by the High Desert Chapter. Call Cindi O'Neil, 389-3085, for more information.

## Mid-Columbia

- April 6, Wed. **Meeting:** 7:30 P.M. Mosier School. Rob Kavanaugh, the "oaks man" of Washington, will give a presentation on the ecology of the Oregon white oak.
- April 10, Sun. **Show:** The 20th annual Wildflower Show, Mosier School, 10 A.M. to 4 P.M.
- April 16, Sat. **Workshop:** Plant-keying workshop at Jerry Igo's on Dry Creek Rd., near Mosier, 9 A.M. to 4 P.M. If you always wanted to learn to key plants, but were afraid to plunge in to Hitchcock, this is your chance. Free. Can accommodate about 30. Call 478-

3293.

May 4, Wed. **Meeting:** 7:30 P.M. Mosier School. Stu Garrett, High Desert Chapter, will give a presentation.

### North Coast

April 16, Sat. **Field Trip:** Hike to summit of Neah-Kah-Nie Mt. Three mile round trip. Meet, 9 A.M., at Tillamook PUD parking lot, or, 10 A.M., at trail head. Call trip leader Jim Winslow, 842-4131, for information.

April 18, Mon. **Meeting:** 7:15 P.M. Tillamook United Methodist Church, 3808 12th St. Joint environmental meeting with American Association of University Women. Speaker: Kris Woolpert. Note: This replaces regular April 26th meeting. Call Betty Stone, 842-4350, for information

### Portland

April 2, Sat. **Field Trip:** Jerry Igo will show interesting flowers around the back roads of Mosier. Meet at Lewis & Clark State Park, 8:30 A.M., or Mosier School, 9:45 A.M. For more information on all field trips call 639-3353.

April 9, Sat. **Field Trip:** Russ Jolley, with Friends of the Columbia Gorge, will lead a trip to 3 new sites in Washington. Leave 8:30 A.M. from Oregon Dept. of Transportation parking lot, NE 60th and Glisan, Portland.

April 12, Tues. **Meeting:** 7 P.M. First United Methodist Church, 1838 SW Jefferson St., Portland. Trygve Steen, biology faculty, PSU, will talk on President Clinton's "Option 9": Implications for ecology and the biodiversity of Pacific NW forests.

April 16, Sat. **Field Trip:** To the Weldon Wagon Trail in Washington to see early and rare flowers and wonderful views. Meet at Lewis & Clark S.P., 8:30 A. M. or Whitewater Market, Husum, 10:30 A.M.

June 2-5, Th.-Sun. **Field Trip:** Proposed. A special 4 day, professionally guided trip to Hart. Mt. N National Wildlife Refuge, to discover and photograph wildflowers in that unique geological region of southern Oregon. All meals, transportation and accommodations included for \$395, with 9-person maximum, 6-person minimum. A \$50 tax deductible donation will go to NPSO. Call Annmarie Housley, 292-0189, for more information.

### Siskiyou

April 21, Thurs. **Meeting:** 7:30 P.M. Room 171, Science Building, SOOSC, Ashland. John Erwin will dazzle us with his wonderful wildflower slides. No chapter meeting in May.

April 23, Sat. **Field Trip:** Ramona Osburn will lead to the Britt Woods to see *Fritillaria gentneri*. Half day trip. Meet, 8:30 A.M., K-Mart parking lot (near McDonald's) or 9 A.M. at Van Wey's Market, Jacksonville.

### South Coast

**Organization:** The state board of directors of NPSO has approved the formation of the South Coast Chapter. The first officers are: Paul Bakke, president; Tim Rodenkirk, vice president; Jennifer Sperling, treasurer; Estella Morgan, secretary; Bruce Rittenhouse, conservation chair. The chapter will initially be field-trip oriented to try and establish a strong base of members. Projects may include helping with western

lily protection, and European beachgrass management..

- April 16, Sat. **Field Trip:** Lower Illinois River. Enjoy an easy to moderate hike up lower Illinois River trail to see early flowers. Meet: Gold Beach Ranger District, 9 A.M., to carpool, or 10 A.M., Cougar Store in Agness. Call Bruce Rittenhouse, 888-9328, for information.
- May 21, Sat. **Field Trip:** Cape Sebastian. Enjoy a nice walk to view coastal headland wildflowers. Meet at Gold Beach Ranger District, 10 A.M. Call Bruce, as above.
- June 4-5 Sat-Sun. **Field Trip:** Vulcan Lake, Kalmiopsis Wilderness. Pre-registration required. Two day hikes into Kalmiopsis wilderness from Vulcan Lake trailhead. Limit of 12 because of wilderness restriction. May have two groups if interest is high. For registration and information call Bruce Rittenhouse at 888-9328.

## Umpqua Valley

- April 14, Thurs. **Meeting:** 7 P.M. Room 310, Douglas County Courthouse. Ken French will speak on Oregon's noxious weed program. Call Russ Holmes, 672-4635, for more information.
- April 23, Sat. **Field Trip:** Up the South Umpqua to look for spring flowers. Meet at BLM parking lot, 777 NW Garden Valley Blvd., 7:30 A.M. for carpooling, with 8 A.M. departure, or at Fat Harvey's in Canyonville, for 8:30 A.M. departure. Call Richard Sommer, 673-3709, for more information.

## Willamette Valley

- April 2, Sat. **Field Trip:** Margie Willis, naturalist, Oregon State Parks and Recreation Dept., will show some outstanding, but little-known botanical sites in the Columbia Gorge, east of Hood River, the Overlook Area in Memaloose State Park and Stanley Rock at Koberg Beach State Wayside. See the uncommon *Meconella oregana* and the very rare violet *suksdorfia*. Easy half mile walk at Memaloose, short, steep climb at Stanley Rock. Wear sturdy shoes. From Salem, meet at North K-Mart parking lot, 7:45 A.M. From Portland, meet at Lewis & Clark State Park parking lot, 9:15 A.M. We'll go to Memaloose first, starting from eastbound Highway Rest Area (MP 73 on I-84). Call Wilbur Bluhm, 503-393-2934, for more information.
- April 18, Mon. **Meeting:** 7 P.M. United Methodist Church, 608 State St. NE, Salem. Tom Kaye will talk on "The reintroduction of the endangered pink sand verbena on the Oregon coast." Call 399-9680 for more information.
- May 1, Sun. **Field Trip:** Here's your chance to botanize in one of the least-known of the Columbia Gorge's state parks. -- Seneca Fouts Memorial Park -- just west of Hood River. Margie Willis will also introduce us to this area of wildflowers and early Oregon history. Easy, level walking. From Salem, meet at North K-Mart parking lot, 7:45. From Portland, as above. For more information call Wilbur Bluhm, 393-2934.

## Wm. Cusick

- April 20, Wed. **Meeting:** 7 P.M. Baker Ranger District Office, Wallowa-Whitman National Forest, 3165 10th St., Baker City. Paula Brooks will give a slide show on spring mushrooms of northeastern Oregon, with emphasis on safe collection of edible species. And she will discuss the Forest Service permit process for collecting mushrooms. Please be prompt. Call Paula, 523-6391, for more information.
- April 23, Sat. **Field Trip:** Marty Stein will lead a trip to the Wenaha River starting at its Conflu

ence with the Grande Ronde, near Troy. Meet at the Troy store, 9 A.M. This trip is jointly sponsored with the Blue Mountain Chapter. If you want to carpool from LaGrande or Elgin, call Bob Ottersberg, 963-6043. It will be a gentle day hike, so bring lunch, and be prepared for any weather.

May 14, Sat.

**Field Trip:** Jean Findley will lead a walk and work party to the Leslie Gulch Area of Critical Environmental Concern. Five listed plant species and unique geology occur at this site. Bring gloves and digging tools for a little weed control. Camping is possible. Meet at Marsing Park on the west side of the Snake River, 9:30 A.M., or the Leslie Overlook, 10:30 A.M. Call Jean, 473-6233, for more information.

---

### The Plant Puzzle

Sponsored by the Siskiyou Chapter

Do you recognize this native wildflower?  
The first person giving the correct scientific name will win a prize.  
Send your guess on a postcard to:  
**Peter Zika, 4230 NW Clubhouse Pl., #1, Corvallis, OR 97330**



Rhoda Love of Eugene was the first to solve the February puzzle -- Labrador tea, *Ledum groenlandicum*

---

#### **Guidelines for Contributors to the Bulletin**

NPSO Bulletin published monthly as a service to members and the public. All kinds of contributions welcome.

**Copy due by the 10th of the month.**

**CREDITS:** Identify author and affiliation. If not original, cite source and date.

Indicate if it is to be used in entirety, or to be excerpted at editor's discretion.

**ILLUSTRATIONS:** Line drawings, prints and high contrast black-and-white prints are useable. Some McIntosh graphics can be used. Contact editor for our current needs, or send illustrations with the article.

**BOTANICAL NOMENCLATURE:** Follow "Flora of the Pacific Northwest" by Hitchcock, or "The Jepson Manual," where appropriate.

**FORMAT:** Submissions can be in any form, but at present editor prefers hard copy. Use of a modem is not possible at this time. Editor follows "The Associated Press Stylebook." For further details consult editor

**ORIGINALS:** Submissions are not returned, unless requested.

## President's Column

As my term in office comes to a close I feel it is ok for me to indulge in a column of pleading, reminding and nagging.

First, a reminder that the deadline for submission of proposals to the Board for NPSO challenge cost-share dollars are due on May 1. These proposals should be sent to me. Please see the back of the Bulletin for my address. Again, these proposals should be no more than ONE page in length, and contain, in addition to the guidelines published in the February Bulletin, a list of all other contributors, including NPSO chapters, the benefits of this project to native plants, the educational aspects and the potential or objectives of the project. The maximum award for each project is \$500. If you have additional questions, please feel free to contact me.

Second, there are several Board level positions to be filled. The journal, *Kalmiopsis*, needs an editor. There is an associate editorial board which assists the editor, and most of the material for the next issue is in place. This is an absolutely essential position for us to fill. Frank Lang has produced a very professional journal that is an excellent reflection on the Society., We cannot afford to let this fade away. Any unique or imaginative ideas will be entertained as to how to fill this position.

We also need a chair for the legislative committee. Esther McEvoy has held this position for eight years and has now resigned. It is important that whoever fills this position have easy access to Salem and an interest in the political process.

Last, the NPSO will be sponsoring the Rare and Endangered Plant Conference in Bend this fall. If you have an interest in how this conference is to be organized or wish to help, please contact Stu Garrett.

We had a wonderful Board meeting in Mosier and are grateful for the burst of spring provided on that Saturday complete with sunshine, grass widows and yellow bells...ahhh spring at last!

Lisa Croft  
NPSO President

## NPSO Items For Sale

**Oregon's Rare Wildflower Poster** depicts Punchbowl Falls and three of the Columbia River Gorge's endemic wildflowers. Text on the back describes the natural history of the Gorge and the mission of the NPSO. Available from Stu Garrett, 21663 Paloma Dr., Bend, OR 97701 (503-389-6981). Individuals may order posters at \$12 each plus \$3 per order for shipping. Posters are mailed in tubes. Chapter treasurers may contact Stu for wholesale prices to chapters.

**NPSO Window Stickers** are decals with NPSO's trillium logo in green over an opaque white background, for use inside car windows. Available from Stu Garrett (see above). \$1 each; minimum order is five.

**NPSO Notecards** feature seven rare plants drawn by Julie Kierstead and one drawn by Valerie Sloane. They are printed on pastel parchment-style paper with matching envelopes. Notecards are sold through NPSO chapters, and cost \$4 per packet. Contact Lisa Croft, 699 W 2nd, Prineville, OR 97754 (503-447-5270).

**NPSO T-Shirts** are available in various colors and designs, and are sold through NPSO chapters.

**NPSO'S Original Wildflower Poster** depicts 13 Oregon wildflowers in a striking artist's rendition. Soon to be a collector's item! Available from Stephanie Schulz, 652 W 10th St., #1, Eugene, OR 97402 (503-485-1868). \$5 each plus \$3 per order for shipping. Posters are mailed in tubes.

**NPSO Membership Directory** lists names, addresses and phone numbers of members (April, 1993). Available from Jan Dobak, 2584 NW Saver St., Portland, OR 97210-2412. \$2 each.

---

### Bulletin Mailer Still Needed

As we reported last month, one or two persons is/are needed one day a month, to pick up Bulletins from the printer, prepare them for mailing and take them to the postoffice. Living in the Portland area is obviously preferable. Contact Louise Godfrey, 503-223-4785, for more information.

## The New Herbarium

With the aid of a grant from the National Science Foundation, renovation and construction has been completed on a consolidated new herbarium facility at Oregon State University. This concludes a two year process which began in November, 1991, when the first suggestions were made to combine the University of Oregon and OSU herbaria in Corvallis. The next two years will see the integration, nomenclatural updating, and refileing of all OSU and UO specimens into a single collection. Dr. Scott Sundberg has begun an NSF-funded position to carry out the collection consolidation. He will be assisted in this undertaking by OSU graduate and undergraduate students.

The combined herbaria contain approximately 330,000 vascular plant, bryophyte, algal and fungal specimens. Another 32,000 specimens, the Morton E. Peck Herbarium from Willamette University, are maintained as a separate collection. The combined collections are stored in 296 herbarium cases housed in two adjoining rooms. The majority of the cases are mounted on 15 mobile carriages. A typical carriage holds 18 cases weighing in at a hefty 4.5 tons. However, with a 10,000 to one gear reduction, the carriages are easily rolled on fixed tracks. The advantage of this "mobile storage system" is the reduction of aisle space. The carriages are rolled apart when an access aisle is needed, and pushed together when not in use.

The system is designed to withstand a major earthquake of up to Richter magnitude 6.5. The paleontology collections at the Los Angeles County Museum are housed in a similar facility and are reported to have survived the recent earthquake undamaged.

The newly consolidated herbarium hopes to continue serving as the central resource for the documentation and study of Oregon's rich flora. The herbarium is dedicated to research in plant systematics, public service through the identification of plant specimens, and answering inquiries about plants of the Pacific Northwest. In addition to providing the principal training ground for students in plant systematics, the herbarium serves as a source for information and specimens for researchers at OSU and other institutions. The herbarium is utilized for providing identification, distribution data, and bibliographic data on Oregon plants, including rare and endangered plant spe-

cies. It advises on floristic surveys of important natural areas. And it gives information on human-related concerns, such as weeds, edible plants, poisonous plants, wildlife food plants, anthropological materials, wildflowers, and cultivated plants.

The herbarium is generally open to the public from 8 A.M. to 5 P.M. on weekdays. Please contact the herbarium curator, Dr. Richard Halse, 737-5297, or me, Aaron Liston, 737-5301, if you would like to plan a visit. We are also interested in training volunteers to assist in herbarium consolidation. Let us know if you are interested in participating in this process.

Aaron Liston  
Herbarium Director  
Dept. of Botany and Plant Pathology  
Oregon State University  
Corvallis, OR 97331-2902

---

*We cannot, as we all know, believe everything we read. It was reported here that the fourth NPSO/ODA summer intern's report for the 1993 field season had not been written. But, mirabile dictu, here it is!*

### Stalking the Elusive *Cimicifuga elata*

Matt and I set out that final Friday morning to the Medford area in search of *Cimicifuga elata*. Plant Conservation Biology Program director Tom Kaye had sent us off to check on a site reported to us by the BLM in Medford. It was the last day of my two week stint with the plant conservation biology crew where, during that time I had studied and searched for four plants -- *Haplopappus radiatus* (I almost regretted that it had been such a good year for this plant.), *Lupinus cusikii* (my favorite, the cute cushion lupine), *Aster vialis* (loves to grow with healthy poison oak), and *C. elata*. On this hot, August day, I was to find out why the previous year the crew had made their t-shirts emblazoned with: "Stalking the elusive *Cimicifuga elata*."

*Cimicifuga elata* (tall bugbane) is an herbaceous perennial native to Oregon and Washington west of the Cascades. It grows 1-2 meters tall and has clusters of white, apetalous flowers. *C. elata* tends to grow in populations of less than 100, on north-facing slopes on seeps in old-growth forests. It is a candidate for state protection as a threatened or endangered species, and is currently protected as a

sensitive species on Forest Service and BLM lands. Logging of old-growth forests is suspected to pose a threat to *C. elata* populations.

We got an early start that morning, recognizing the two to three hour drive just to get to the site. The site was only about a half mile from I-5, but could (theoretically) be reached more easily via back roads. Reaching the end of the driveable section of the dirt road at about 11:30 A.M., we got out to hike to the end of the road (about a mile and a half) and head down to the site from there.

We were optimistic at this point, thinking we could still make it back to Corvallis by 5 or 5:30 P.M. Unfortunately our map was pretty vague, and the scale such that distances and specific contours were difficult to gauge, especially without a compass or altimeter. We climbed down the slope over downed logs and through the dense rotting wood of the lush and speciose old growth. We traveled like this for close to two hours, writing down plant species as we went. Soon, we could hear the highway and decided that according to the map, we were at least past where the site was supposed to be, and most likely far past it. We rested for ten minutes or so, to give our knees a rest, then headed back, only at a higher altitude this time. We suspected we had dropped too far before heading across on the way out. We hiked up and back for close to an hour, when suddenly (as seems to be characteristic in finding tall bugbane) Matt looked down on a leaf that caught his eye, and sure enough, we were standing in a population of *C. elata*. Looking around, I could not believe that I had not noticed the characteristic sprays of white from their inflorescences before. We counted the reproductive plants, the juveniles, took down the associated plant species (e.g. *Pseudotsuga menziesii*, *Abies grandis*, *Acer macrophyllum* and *Rubus parviflorus*), and thought we might still be able to hurry back to Corvallis close to on time.

Hundreds of small downed trees along with a few large ones (maybe more than a meter in diameter) were determined to slow our progress. After several scrapes, falls, and a BIG tear in the seat of my shorts, we decided to head straight up the hill to the first road (it seemed easier at this point to navigate from the ridge top, or from a road we could find on the map). We were euphoric when we finally reached the road, practically running down it the two or so miles to the car. Finally, we made it back to Corvallis by 8 P.M. And we were, by then, able to reflect upon the day as a learning experience for botanists; remember to always have

with you: Hitchcock, hand lens, good maps, as compass, endurance, and a good sense of humor. My only regret was that I was unable to say goodbye to the rest of the crew, as they had already gone home for the weekend.

Thus my summer of botanizing, both for ODA/PCBP and for the Forest Service in Heppner, came to an end. Thanks to the internships available from the NPSO, to Tom Kaye and Bob Meinke of OSU, and to Melissa x 2, Steve and Angie, I was able to help find, study and protect four plants I might never have known existed. After botanizing this summer, the outdoors offers so much more than I ever would have thought to look for and appreciate before. Thank you, again.

Jill Elise Van Winkle  
Whitman College

---

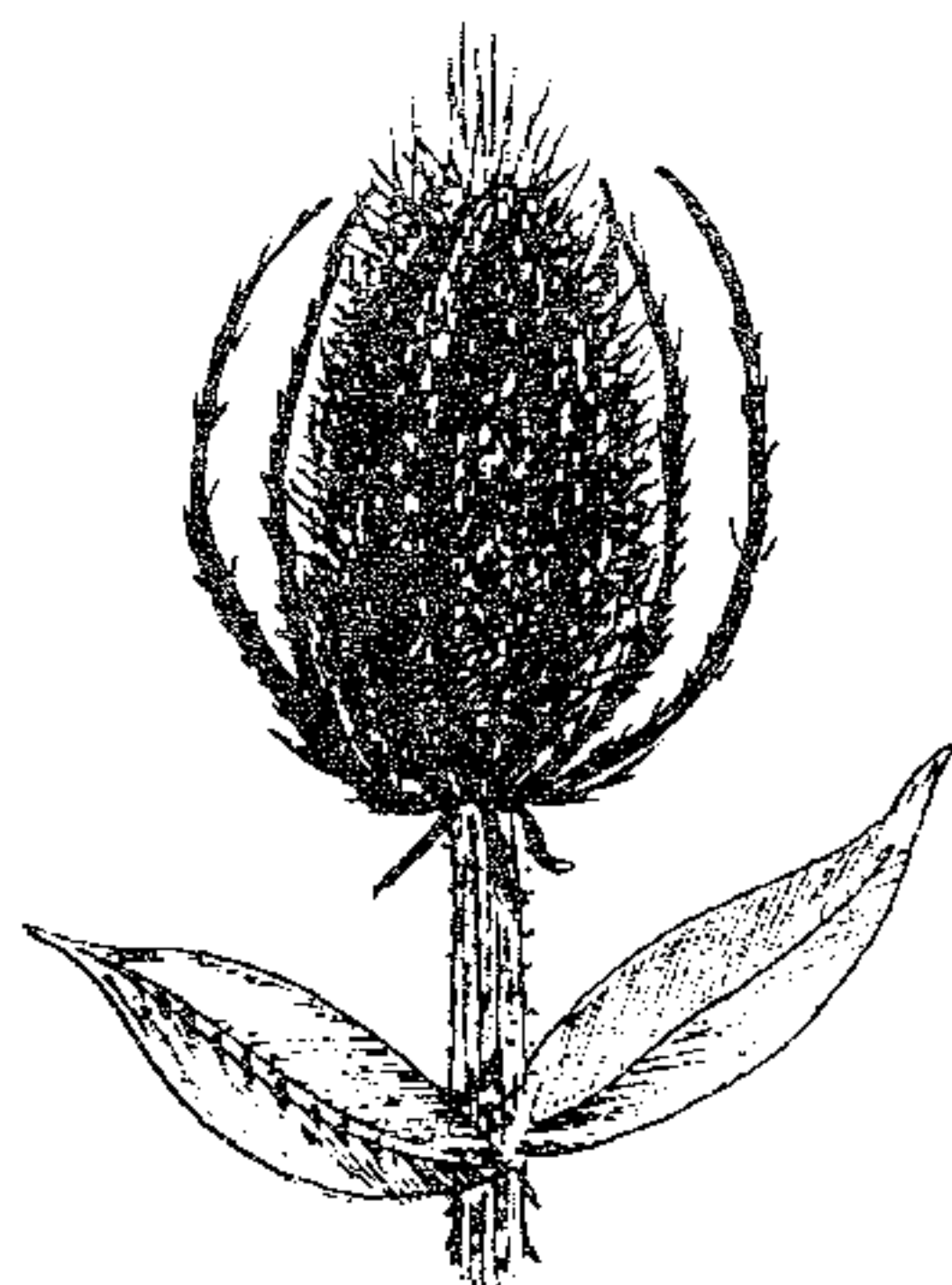
### A Journey Through Time Chronicles of a Past and Present Invasion

The organizational meeting of the Pacific Northwest Exotic Plant Pest Council, PNW-EPPC, held in Pendleton, Oregon, on December 10-11, 1993, was really an eye opener for me. After growing what was probably Umatilla County's first plant of velvetleaf (*Abutilon theophrastii*) from seed that contaminated either a bag of commercial potting soil or from the nursery plant I planted in that soil (I guess I'll never know which), I was really looking forward to the meeting. I wasn't disappointed! A few days after the meeting, I traveled to Heppner, Oregon. Because of a recent rash of wintertime accidents on I-84, I decided to take the back roads. The combination of the EPPC meeting and the journey over the oh-so-familiar terrain caused me to think back over the changes in the green mantle of the land that I have witnessed since moving to Pendleton some 26 years ago.

I used to spot small bushes of purple ball sage (*Salvia dorrii*) which bloomed each May just southwest of Pilot Rock on the north side of Highway 395. Now that hillside is obscured by a thicket of teasel (*Dipsacus sylvestris*) and just beyond the teasel patch is a gigantic crop of Scotch thistle (*Onopordum acanthium*). After turning west from Highway 395, I came to the site where I had found a sensitive plant population some 18 years ago. Laurent's milkvetch (*Astragalus collinus laurentii*) still grows there but now it's losing ground



to Klamath weed or St. John's-wort or goat weed (whatever you want to call *Hypericum perforatum*). In that same area the roadcuts are starting to support sheets of field bindweed *Convolvulus arvensis*).



Teasel  
*Dipsacus sylvestris*  
Drawing by Karl Urban

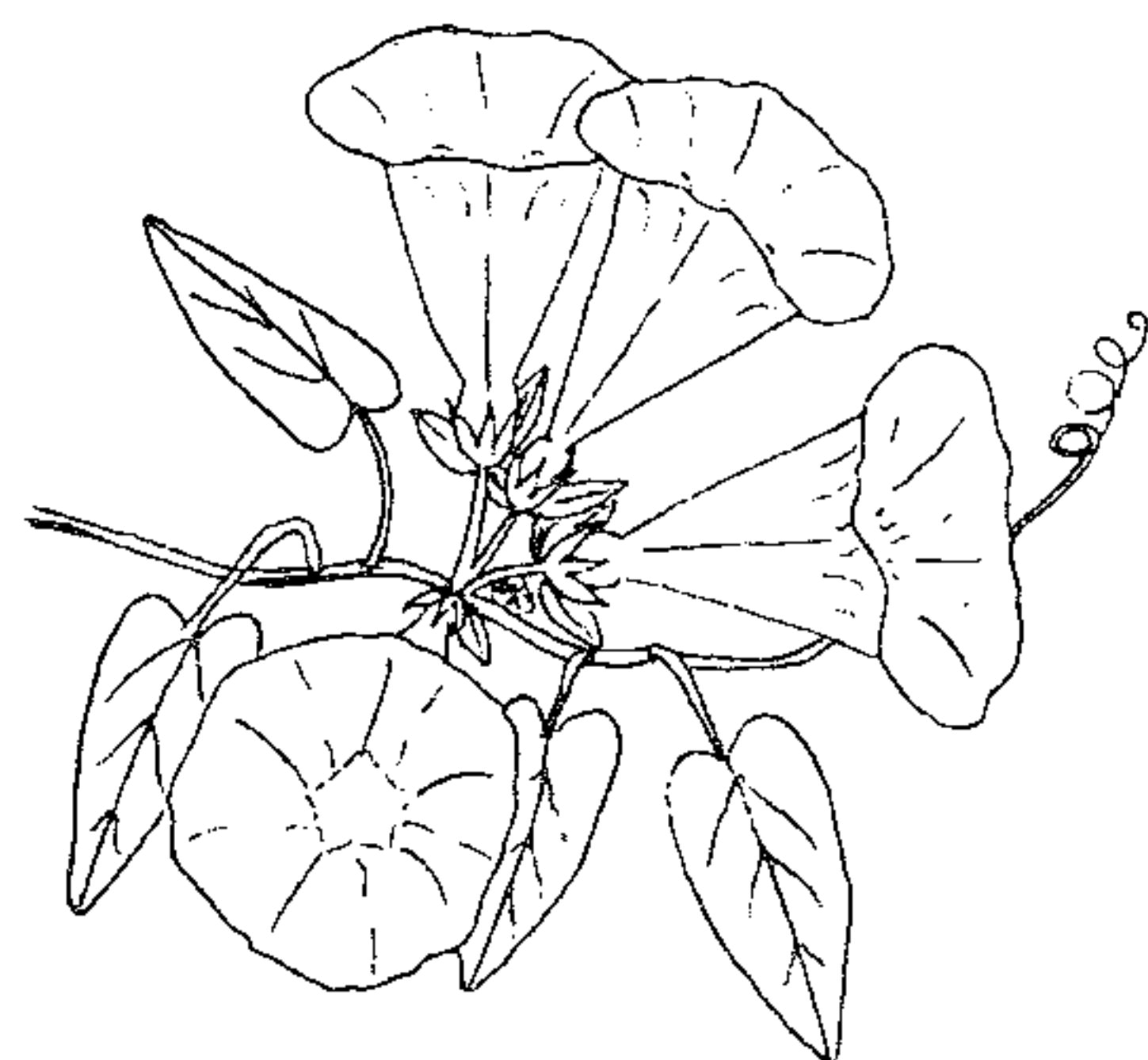
The sad message of the passing years was becoming crystal clear to me on this particular trip. The landscape had changed dramatically right under my own eyes. The gorgeous native wildflowers I used to enthusiastically share with my students at Blue Mountain Community College (I taught there for 23 years -- until 1991) were no longer abundant. Where they had once ushered in spring with a profusion of colors, now stood the tall, dried stalks of flannel mullein (*Verbascum thapsus*) and the rust-colored tufts of Klamath weed.

In the dryland canyon country between Pilot Rock and Heppner I remembered climbing through rattlesnake dens to get to the rocky slopes that supported vast golden fields of the first serrated-leaved balsamroot (*Balsamorhiza serrata*) I had ever seen. That was in 1969. How surprised I was to see those same rocky slopes now covered with the remains of diffuse knapweed (*Centaurea diffusa*) and Medusahead (*Taeniatherum caput-medusae*). I approached the bridge where I had first found black henbane (*Hyoscyamus niger*) in Umatilla County, some 22 years ago. I fully expected to find that the hillsides were covered with the strange skeletons of this poisonous plant. Instead I found that teasel had won out. Only a few dried henbane plants were present.

By the time I got to Heppner I was really depressed over the demise of native plants evidenced in this short trip. Although my memories of the beautiful wildflowers that used to occur along that route are indelible, those plants are no longer there. Now, aggressive, introduced plant

species (and some aggressive natives, too) have found very comfortable niches in recently-disturbed habitats. They appear to be so "happy" (i.e., well-adapted) that they are spreading all over the place.

I could not bear the thought of returning to Pendleton over that same route, so I reluctantly drove north from Heppner toward Interstate 84. Several hawks were hunting in the irrigated circles of corn near Echo. I stopped to watch them. As I stepped out of the car my memory again reminded me that here, some 24 years ago, grew the beautiful pink Umatilla milk-vetch (*Astragalus succumbens*). Now the sandy soil supports a matrix of Russian thistle or tumbleweed (formerly known as *Salsola kali tenuifolia* and soon to be correctly named either *Salsola tragus* or perhaps *Salsola pestifer*) plus the remains of yellow star thistle (*Centaurea solstitialis*), puncture vine or goat heads (*Tribulus terrestris*), and sandbur (*Cenchrus longispinus*).



Field bindweed or morning glory  
*Convolvulus arvensis*  
Drawing by Karl Urban

**Everywhere, everywhere were reminders that we are changing the face of the land. The land, despite its apparent permanence and resiliency, is recording those changes by producing a tapestry of altered habitats filled with exotic vegetation.**

The hawks continued their hunting antics as I climbed back into my car and headed home. As the afternoon fog settled into the Columbia basin, I crossed an irrigation canal now choked with false indigo (*Amorpha fruticosa*). I remember the time when there was a single tree of false indigo in Umatilla County.

All evening and all night I thought about the dramatic changes I had witnessed in a quarter of a century in the arid lands of northeastern Oregon.

The EPPC meeting had opened my eyes to reality and the next day was to be no different!

The next morning I opened the blinds and looked out at the winter-kissed plants in our yard and garden. Hoarfrost clung to the red osier dogwood (*Cornus sericea*) I had planted. The frost was particularly attractive on the almost-invisible, long stringy hairs of the soapwort (*Yucca filamentosa*) plants I had put into our home landscaping effort. The Kenilworth ivy (*Cymbalaria muralis*), although frozen in wads, still clung to the garden gate. The brown, dried stalks of St. John's-wort (*Hypericum calycinum*) threateningly encircled the small hornbeam (*Carpinus*) sapling I had purchased and transplanted three years ago. I noticed that the periwinkle (*Vinca minor*) was threatening to crowd out the peonies I had so carefully transplanted from my father's garden years ago. The silvery, woolly leaves of lamb's tongue (*Stachys lanata*) and red campion (*Lychnis coronaria*) poked through the English ivy (*Hedera helix*) we inherited with our purchase of the property in 1979. Beyond the garden boardwalk, I could see the leafless stems of the Siberian pea (*Caragana arborescens*) I had transplanted in 1982. I had chosen that species because of its drought resistance. In my early days in Pendleton I found a grove of Siberian pea growing at the old Pendleton Airbase. It was perfectly happy -- a veritable green oasis on an otherwise "cheat-grass brown" hillside, and it hadn't received any domestic irrigation water since World War II!

As I gazed out over my "creation," I felt an urgency to begin re-landscaping **immediately**. My greenest of green thumbs had turned many of those exotic plants into uncontrollable pests. I had planted them with good intention and cause -- immediate access to splendid materials for use in the botany classes and laboratories I used to teach. I realized that as a result of my own shortsightedness I had contributed to the problem of introduced, aggressive, plant species.

The EPPC meeting provided me with a rude awakening and a new perspective. As I pull the gray-green campion and *Nigella* plants from my vegetable garden each summer, a homespun definition of "aggressive" -- minus the profanity -- grows closer to exact wording. Perhaps the "knap-weeds" of tomorrow are lurking somewhere in my garden today!

Karl Urban  
Forest Botanist  
Umatilla National Forest

## 1994 Rare Plant Conference

The USFS, NPSO, Oregon Department of Agriculture and the BLM will be cosponsors of this event which is held every other year. This meeting is one at which decisions are made for listing Oregon's rare plant species. It will be held in Bend at the Central Oregon Community College on November 4 and 5, 1994. The conference will start at 1 P.M. on Friday and continue from 8 to 5 on Saturday. Mark your calendars now. A detailed agenda will follow in the NPSO Bulletin. Agency and non-agency people are welcome to attend, as are interested observers.

Stu Garrett

---

## Leslie Gulch ACEC

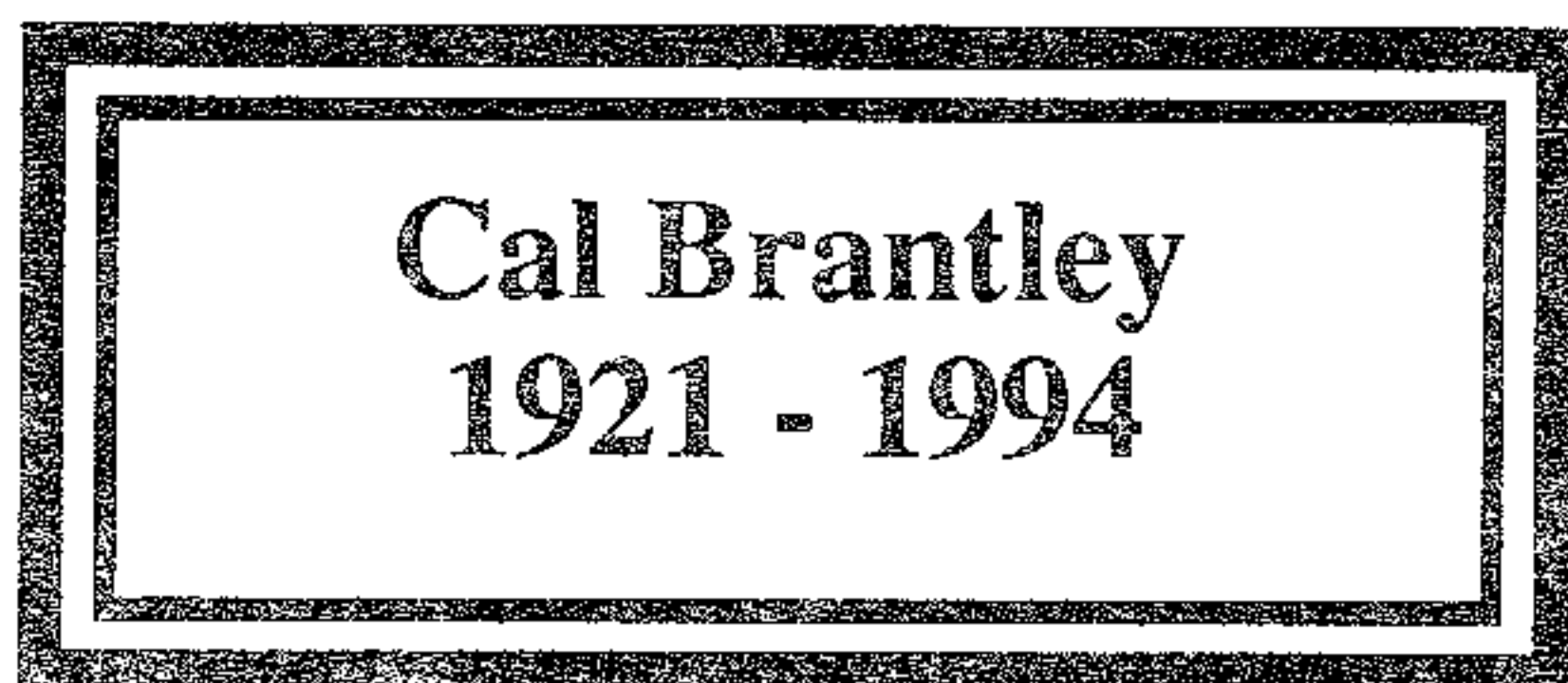
There was a tremendous response from NPSO members on the draft plan to eliminate grazing from rare plant habitat in Leslie Gulch on the Owyhee River in far eastern Oregon. Our letters (over 50!) have definitely made a difference. Let us hope the BLM can stand its ground against strong local opinion.

Stu Garrett  
Eastside Conservation, NPSO

---

## The Oregon Watershed Improvement Coalition Sponsors a Workshop

This is a coalition of 11 conservation and resource industry-based groups, and they are getting together at the Cook County Fairgrounds in Prineville, Oregon, on May 13th and 14th, 1994. There will be panel discussions, small group workshops and other activities, all in the interest of working together at "Improving Our Ecosystems." A lunch and dinner will be included in the \$25 registration fee. Call NPSO member, Berta Youtie, at 503-962-3903, for more information, and/or a registration form. Registration at the door will be possible if space permits, but seating is limited, so register early.



Cal Brantley  
1921 - 1994

The NPSO and Cal's family and friends have experienced a deep loss. As new arrivals to Oregon in 1984, Cal and his wife Dorothy jumped into outdoor and civic activities with enthusiasm. A regular on all NPSO field trips and projects, Cal's sense of humor and unending goodwill were always evident. He believed in folks working together to solve problems and joined forces with ranchers to cooperatively address rangeland issues. He was active in a variety of local and statewide activities including: The Malheur Field Station as chair of the Great Basin Society, The Camera Club, The Crater Lake Natural History Society, The Central Oregon Community College Board of Directors, and president of the State Association of Community Colleges. All this was after a doctoral degree in chemistry from the University of Illinois, a successful career at Union Carbide, and retirement as vice president of New England Nuclear in Boston. The intelligence and energy Cal brought to bear on all issues were welcome. We in the High Desert Chapter mourn his passing, but are thankful for the too-brief time we had with him.

Stu Garrett

---

### Ancient Forest Adventures

This organization, founded four years ago by NPSO member, Mary Vogel, has moved to Portland, and is offering three and six day tours in conjunction with NPSO. NPSO will receive 10% of the registration fee, for anyone hearing about the tours by reading the Bulletin. The following tours are offered:

Southern Oregon Cascades - May 29-June 3  
Central Oregon Cascades - June 12 -17  
Central Oregon Coast - July 3 - 8  
North Oregon Cascades - Aug. 21-23 and 24-26  
North Oregon Coast (women) Oct. 9 - 14

Contact: Mary Vogel, Ancient Forest Adventures,  
800 NW 6th Ave., Ste. 201, Portland, OR 97209  
503-248-0492

## Desert Conference XVI "Lessons from Coyote"

This conference, sponsored by the Portland Audubon Society and other conservation groups, will be held at the Malheur Field Station, near Bend, Oregon, from Thursday evening, April 28 to Sunday, May 1, at noon. Registration will take place on Thursday, with additional registration on Friday. Friday will also have field trips and slide programs. Saturday and Sunday will be devoted to the "Status of and Threats to the High Desert." There will be speakers, panel discussions, workshops and evening socializing and entertainment.

The number of attendees is limited, so early registration is suggested. For information, or to request a brochure/registration form, call the Portland Audubon Society, 503-292-6855. Written inquiries and/or completed registration forms go to:

Desert Conference XVI  
c/o Portland Audubon Society  
5151 NW Cornell Road  
Portland, OR 97210

Conference Registration Fee	\$30.00
Dormitory at Malheur	\$13.00 per night
Meals: Breakfast	\$6.75 per day
Lunch	\$6.50 per day
Dinner	\$8.00 per day

---

**NPSO 1994 Annual Meeting  
May 13 - 15, Ashland, Oregon**

**Hosted by the Siskiyou Chapter**

The 1994 annual meeting will begin on Friday May 13, with a seminar by our dinner speaker (see below) followed by a reception. On Saturday there will be field trips and the annual banquet. The business meeting will be held on Sunday morning. For information on lodging and the theater see the March Bulletin. Register in advance.

**SEMINAR:** Friday, 4 P.M. Dr. Ertter will speak on "What is snow-wreath doing in California and why wasn't it discovered earlier?" Auditorium of the Science Building, SOSC.

**RECEPTION:** Friday, 5 P.M. Redford Lounge, SOSC Student Union.

**BANQUET:** Saturday, 6:30 P.M. Trinity Episcopal Church, 44 N 2nd St. The banquet speaker will be Dr. Barbara Ertter, Associate Curator, U. of Cal. Herbarium, U.C. Berkeley. Topic: The New Face of Western Botany.

**BUSINESS MEETING/breakfast:** Sunday, 8 A.M. Science Building, with rolls, juice, etc.

**Saturday Field Trips**

All trips to take place on Saturday, May 14. We will carpool. Meet at 9 A.M. for all trips, except Greensprings which will meet at noon, in the parking lot at the corner of Mountain and Henry Sts. across from SOSC music building. Bring lunch and water, and prepare for varying weather. Choose from the following list, indicating first second and third choices. Sign up early.

**NATIVE GRASS:** Wayne Rolle will lead a one mile moderate hike near Applegate Lake to a diverse native grass stand. Then a stop at the J. Herbert Stone Nursery to see and discuss USFS native grass propagation efforts.

**ILLINOIS VALLEY:** Anita Seda will lead to a *Darlingtonia californica* fen at \$8 Mt. Many Illinois Valley endemics will be seen, including *Carex livida*, *Hastingsia bracteosa*, and *Cypripedium californicum*.

**GREENSPRINGS:** Richard Brock will lead a half day trip to vernal pool habitats in the Lincoln - Pinehurst area, with stops to see *Limnanthes floccosa*, *Mimulus pygmaeus*, *Isopyrum stipitatum*.

**NATURE CONSERVANCY PRESERVES:** Darren Borgias leads to several southern Oregon preserves to botanize and discuss issues such as: restoration, rare plant monitoring and weed control. Possible moderate walking.

**APPLEGATE VALLEY:** Barbara Mumblo leads, to possibly see *Mimulus kelloggii*, *Sedum oblancheolatum*, *Rhamnus crocea*. Moderate walking.

**Annual Meeting Registration**

Name (s).....

Address & Phone.....

Registration fee enclosed (\$5 per person).....persons

Banquet fee enclosed (\$12.50 per person).....persons

Field trip choice

First.....

Second.....

Third.....

STATE OFFICERS

DIRECTORS (to 6/95) . . . . . Jenny Dimling, Veva Stansell, Nancy Wogen  
 DIRECTORS (to 6/94) . . . . . Jerry Igo, Margie Willis, Peter Zika  
 PRESIDENT . . . . . Lisa Croft . . . . . 699 W 2nd, Prineville 97754; 447-5270  
 IMMEDIATE PAST PRESIDENT . . . . . Stephanie Schulz . . . . . 652 W 10th St #1, Eugene 97402; 485-1868  
 VICE PRESIDENT . . . . . Rhoda Love . . . . . 393 Ful Vue Dr, Eugene 97405-2706; 345-6241  
 SECRETARY . . . . . Bruce Rittenhouse . . . . . 1170 Michigan, Coos Bay 97420; w:756-0100; h:888-9328  
 TREASURER . . . . . Kari Yanskey . . . . . PO Box 64, Ukiah 97880; 427-3063

CHAPTER PRESIDENTS

BLUE MOUNTAIN (Pendleton) . . . . . Jerry Baker . . . . . Rt 1, Box 263, Adams 97810-9704; 566-3381  
 CORVALLIS . . . . . Keli C. Kuykendall . . . . . 4550 SW Nash Ave., Corvallis 97333; 758-8409  
 EMERALD (Eugene) . . . . . Bruce Newhouse . . . . . PO Box 902, Eugene 97440; 343-2364  
 HIGH DESERT (Bend) . . . . . Cindi O'Neil . . . . . 22100 Sweetgrass Dr, Bend 97701; 389-3085  
 MID-COLUMBIA . . . . . Keith Chamberlain . . . . . Box 271, Mosier 97040; 478-3314  
 NORTH COAST . . . . . Jim Winslow . . . . . 8750 Valley View Dr, Tillamook 97141; 842-2246  
 PORTLAND . . . . . Laura & Steve Gasaway . . . . . 39586 SE Trubel Rd, Sandy 97055-9625; 668-5076  
 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) . . . . . Jim Crane . . . . . 3837 Hart Dr N, Keizer 97303-5945; 393-0798  
 WM. CUSICK (La Grande) . . . . . Bob Ottersberg . . . . . PO Box 885, La Grande 97850; 963-9660

STATE COMMITTEE CHAIRS

RARE AND ENDANGERED . . . . . Bruce Newhouse . . . . . P.O. Box 902, Eugene 97440; 343-2364  
 CONSERVATION, EAST SIDE . . . . . Stu Garrett . . . . . 21663 Paloma Dr, Bend 97701; 389-6981  
 CONSERVATION, WEST SIDE . . . . . Kate Dwire . . . . . 429 SW 10th St., Corvallis 97333; w:754-4666; h:757-7115  
 LEGISLATIVE . . . . . Esther McEvoy . . . . . 3290 Willamette, Corvallis 97333; 754-0893  
 MEMBERSHIP . . . . . Jan Dobak . . . . . 2584 NW Savier St, Portland 97210-2412; 248-9242  
 Budgets and Grants . . . . . Dan Luoma . . . . . 4560 University Pl., #2, Corvallis 97330; 752-8860

PUBLICATIONS

BULLETIN EDITOR . . . . . John Robotham . . . . . 117 NW Trinity Pl, #28 Portland 97209; 226-6371  
 KALMIOPSIS EDITOR . . . . . Frank Lang . . . . . 535 Taylor St, Ashland 97520; w:552-6341; h:482-5235

*Membership in the Native Plant Society of Oregon is open to all.*

**Membership applications, renewals, and change of address (include old address) should be sent to the Membership Chair**

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ ZIP+4 \_\_\_\_\_ - \_\_\_\_\_  
 Phone \_\_\_\_\_  
 Chapter (if known) \_\_\_\_\_

**DUES** include monthly *Bulletin* and annual *Kalmiopsis*.  
 Full membership is for calendar year, January to December.  
 New  Renewal  
 Student . . . . . \$8  
 Regular . . . . . \$12  
 Family . . . . . \$18  
 Sustaining . . . . . \$30  
 Patron . . . . . \$100  
 Life Membership . . . . . \$500  
 New "Quarter" Membership . . . . . \$3  
*Only for new members enrolled during September through December*  
 Subscription Only (*Bulletin* and *Kalmiopsis*) . . . . . \$12  
*Only for those wishing to subscribe but not have "membership" status*

**Is this a change of address?**  
 If so, please write your old address here:  
 \_\_\_\_\_  
 \_\_\_\_\_

Please make checks for dues and contributions payable to:  
 NATIVE PLANT SOCIETY OF OREGON

**CONTRIBUTIONS** to NPSO are tax deductible.  
 Jean Davis Memorial Scholarship Fund . . . . . \$ \_\_\_\_\_  
 Leighton Ho Memorial Field Botany Award Fund . . \$ \_\_\_\_\_  
 Rare and Endangered Plant Fund . . . . . \$ \_\_\_\_\_

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

## In this issue

The Plant Puzzle.....	43
President's Column -- Lisa Croft.....	44
NPSO Items For Sale.....	44
The New Herbarium -- Aaron Liston.....	45
Stalking the Elusive <i>Cimicifuga elata</i> -- Jill Elise Van Winkle.....	45-46
A Journey Through Time -- Karl Urban.....	46-48
1994 Rare Plant Conference -- Stu Garrett.....	48
Leslie Gulch ACEC -- Stu Garrett.....	48
The Oregon Watershed Coalition Sponsors a Workshop.....	48
Cal Brantley -- Stu Garrett.....	49
Ancient Forest Adventures.....	49
Desert Conference XVI.....	49
NPSO 1994 Annual Meeting.....	50

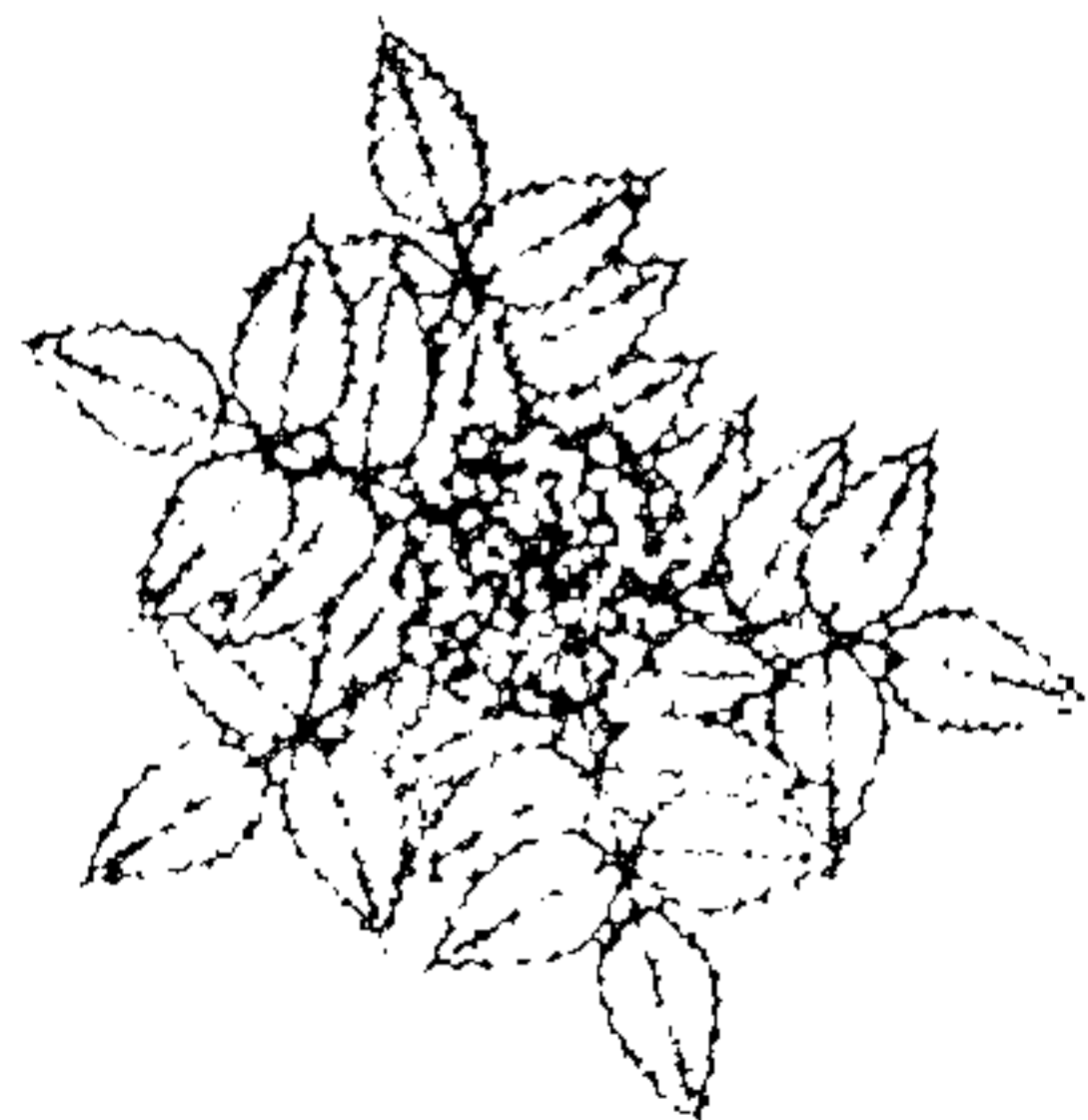
.....

.....

NATIVE PLANT SOCIETY OF OREGON  
 General Business Address: P. O. Box 902, Eugene, OR 97440  
 or correspond directly with the Officers and Committee Chairs listed on the inside back page.  
 Membership Inquiries Only: Jan Dobak, 2584 NW Savier St., Portland, OR 97210-2412

Send change of address notices  
 and membership requests to:  
 Native Plant Society of Oregon  
 Jan Dobak, Membership Chair  
 2584 NW Savier St.  
 Portland, OR 97210-2412

NON-PROFIT ORGANIZATION  
 US POSTAGE PAID  
 Portland, OR  
 Permit #2432



**TIME DATED MAIL**