

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

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

---

VOLUME 23 NUMBER 7

JULY 1990

---

ISSN 0884-599

## CHAPTER NEWS

### 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 no charge (other than carpool mileage), and friends, newcomers and visitors are always welcome.

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

### **Blue Mountain**

14 July, Sat.  
the

**FIELD TRIP** to the Tucannon River north of Dayton, Wa. Leader, Karl Urban. Leave at 8am from BMCC Greenhouse in Pendleton. For information call Bruce Barnes (276-5547).

### **Corvallis**

14 July, Sat.

**FIELD TRIP** to Iron Mountain. Leave at 8am from the parking lot across from the Monroe St. Beanery, Corvallis. Bring rain gear, lunch & hiking clothes. Call leader Dan Luoma (758-8063) for more info.

### **Emerald**

7 July, Sat.

**FIELD TRIP** to Patterson Mountain in the Lowell Ranger District. Leave at 10am from the South Eugene High School lot. Leader: Jennifer Dimling (343-3242).

### **High Desert**

14 July, Sat.

**FIELD TRIP** to Iron Mountain. A joint outing with the Portland Chapter. One of Oregon's classic wild flower hikes, located just north of the Santiam Highway. A moderate 2 mile hike each way on a good trail with 1500 ft. elevation gain. Please call trip leader Marge Ettinger (382-2255) to register. .

### **Mid-Columbia**

11 July, Wed.

**MEETING.** 7:30pm at the Mosier School. David Craig, student at Lewis & Clark College and intern at the Berry Botanic Garden, will present a slide show on "Rare and Endangered Plants of Oregon".

1 Aug., Wed.

**MEETING.** 7:30pm at the Mosier School will be a very special guest: Dr. Robert Pyle, leading authority on butterflies of the Pacific Northwest, speaking about "Butterflies: Flying Flowers". This is one program you won't want to miss!

## North Coast

5 July, Thurs.

**MEETING.** 7pm at State Office Building, 3600 3rd St., Tillamook. Bring plants&flowers to discuss.

7 July, Sat.

**FIELD TRIP** on Lake Meares by canoe. For information call Al Krampert (842-2308).

21 July, Sat.

**FIELD TRIP** to Saddle Mountain. Difficult uphill, but well worth it. 5 mile total distance. Leave 9am from the Cornet parking lot. For information call Al Krampert (842-2308).

## Portland

7 July, Sat.

**FIELD TRIP** to Table Rock. This showy area is noted for a wide range of plant habitats, spectacular columnar basalt cliffs, and views from Three Sisters to Adams and the Coast Range. About 5 miles round trip. Leave at 8am from the K-Mart parking lot at SE 82nd and Milwaukie Expressway. Leader: Bryan Boyce (655-4457).

10 July, Tue.

**MEETING.** 7pm at First United Methodist Church, 1838 SW Jefferson St., Portland. This month we will be celebrating accomplishments of our past. Please bring up to ten slides to share that show members of NPSO, especially of the Portland Chapter, involved in conservation, lobbying, plant identification, sightseeing, ect. Anyone knowing of past members that may have historical slides that date back to the chartering of the NPSO please contact Tom Cherick Jr. (284-5156) so that I can show some of these slides also.

14 July, Sat.

**FIELD TRIP** to Iron Mountain. A joint trip with the High Desert Chapter. One of Oregon's classic wild flower hikes. Portland Chapter leaves at 7am from the Tualatin K-mart off I-5. We will meet the High Desert Chapter at 9:30am at the Santiam Junction (US 20 & 22). Leader: Marge Ettinger (1-382-2255). Portland contact Elizabeth Handler (244-5320).

21 July, Sat.

**FIELD TRIP** to Sheep's Canyon on the west side of Mount St. Helens. Anticipate high elevation *Colomia*. Leave at 8am from the NE 122nd and Sandy K-Mart parking lot, or Yale Park west of Cougar. Leader: Carroll Dubuar (234-4135).

28 July, Sat.

**FIELD TRIP** to Roster Rock State Park, south of the freeway. This is an opportunity to observe the destructive effects of cattle grazing or a method of vegetation control by Oregon State Parks. Leave from Lewis & Clark State Park at 9:30am. Leader: Russ Jolley (286-2350).

4 Aug., Sat.

**FIELD TRIP** to Coffin Mountain. An opportunity to see several native rhododendrons. Other exciting species to enjoy include several spp. of *Penstemon*, *Mimulus* and *Lewisia*. Leave at 7:30am from the Tualatin K-mart off I-5, or from the Maples exit off Hwy 22 at Gates at 9:30am. Leader: Dallas Boge, contact Elizabeth Handler (244-5320).

## Siskiyou

7 July, Sat.

**FIELD TRIP** to Sharon Lake Bog just below the Dead Indian Plateau. John Christy, wetland ecologist for the Oregon Natural Heritage Data Base will lead this hike to see such oddities as mare's eggs, cyanobacteria, freshwater sponge, insectivorous *Utricularia* and *Drosera*, and the moss *Drepanocladus*. Due to the fragile nature of this area, the hike will be limited to the first 12 who call. Dress to get wet: sneakers or hip waders. Difficulty-strenuous. Meet at 8:30am at the Ashland Bi-mart. For info. call Darren Borgias (482-8196).

14 July, Sat.

**FIELD TRIP** to Mt. Eddy. Dr. Frank Lang, Botany instructor at Southern Oregon State College will lead a trip to Mt. Eddy to see Northern California high elevation flora. High elevation *Darlingtonia* bogs, several endemic species, lakes, and wonderful views of Mt. Shasta. Difficulty-moderate to strenuous. Meet at 7am at the Ashland Bi-Mart and expect to be back late. Info. 482-5235.

28 July, Sat.

**FIELD TRIP** to the native forest of the Dead Indian Plateau. Richard Brock will lead an easy walk through a remnant of this once great forest of the South Cascades, with a stop at Deadwood Fen. Meet at 8:30am at the Ashland Bi-Mart. Info. 482-4111.



## South Coast

-----  
For information, contact Jim Curran (396-4939).

## Umpqua Valley

Informal **FIELD TRIPS** every Tues. and Sun. with the Museum herbarium staff. Contact Mildred Thiele (673-5397) for more info.  
8 July, Sun.

**FIELD TRIP** to Tipsoo Peak. A moderate 3.5 mile hike through mature mountain hemlock and white bark pine habitat, to see subalpine rock plants in Mt. Mazama pumice ashfall and remnant of a pliocene volcano. Leader: Jack Hausotter (874-2462). Leave at 8am from the BLM parking lot, 777 Garden Valley Blvd., Roseburg for carpooling, or meet at the Diamond Lake Ranger Station at 10am.

19 July, Thurs.

**MEETING.** 7pm at the BLM Office, 777 NW Garden Valley Blvd., Roseburg. Follow Steve Ericson's footsteps through the Umpqua National Forest as he gathers material for a trail guide.

16 Aug., Thurs.

**MEETING.** Get to know your fellow NPSOers at our Potluck Social, 6pm at Hillcrest Vineyard, 240 Vineyard Lane, Roseburg. Bring your favorite main dish and bread, or salad and dessert, and your own table setting. For info., call Donna Carlson (672-4430).

18 Aug., Sat.

**FIELD TRIP** to Old Man Camp to view an alpine bog and pumice meadow. Leave at 8am from the BLM parking lot, 777 Garden Valley Blvd. Roseburg for carpooling, or meet at the Diamond Lake Ranger Station at 10am. For info., call Mary Carlson (496-3303).

## Willamette Valley

To hear about unscheduled mid-week trips to places near & far, call Clint Urey (581-1805) or Barbara Halliday (371-1025).  
7 July, Sat.

**FIELD TRIP** to some little-explored wetlands near I-5 and Hwy 22 near Salem. Easy but wet walking. May include a second site west of Salem. Should be interesting--we have a knowledgeable leader in Dale Groff (223-6808, Portland). In Salem call Barbara Halliday (371-1025). Leave at 8am from South Salem K-Mart.

15 July, Sun.

**FIELD TRIP** to Triangulation Peak. Inspiring views of Mt. Jefferson, and prime time for mid-elevation (5400') wildflowers. Moderate hike, 4 mi. round trip. Leader: Frances Schaeffer (393-7492). Leave at 8:30am from South Salem K-Mart.

21 July, Sat.

**FIELD TRIP** to Three Creeks Lake on the east side of South Sister. Good area for mountain meadow wildflowers. Easy walking. Leader: Clint Urey (581-1805). Leave at 8am from South Salem K-Mart or meet by 10:30am in Sisters at the junction of Hwy. 126 and Three Creeks Lake Rd.

28 July, Sat.

**FIELD TRIP** to the flower-filled alpine meadows near Timberline Lodge on Mt. Hood. Moderate hike, 4 mile round trip. Leader: Jim Versteeg (393-7397). Leave at 8am from North Salem K-mart or meet at Timberline Lodge at 10:30am.

5 Aug., Sun.

**FIELD TRIP** to Cloud Cap, on north side of Mt. Hood. A moderate, 5-mile round trip. Trail is at 6000' but never level! Leaders: Bill and Lois Egan (393-2131). Leave at 8am from North Salem K-mart or meet at Cloud Cap Inn parking lot by 10:30am.

12 Aug., Sun.

**FIELD TRIP** to a wetlands area in Rooster Rock St. Park in the Columbia River Gorge to see *Sagittaria latifolia* (Wapato) in bloom. Easy but wet walking. Leader: Dale Groff (Portland 223-6808). Leave at 8am from South Salem K-Mart. Leave at 9am from South Salem K-Mart or meet by 10:30am at the State Park headquarters.

## William Cusick

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

The 3 otherwise unattributed drawings in this issue are by Diane Aho, Portland Chapter, and were made at the recent state meeting.



## NPSO POLICY STATEMENT ON REVEGETATION AND RECLAMATION

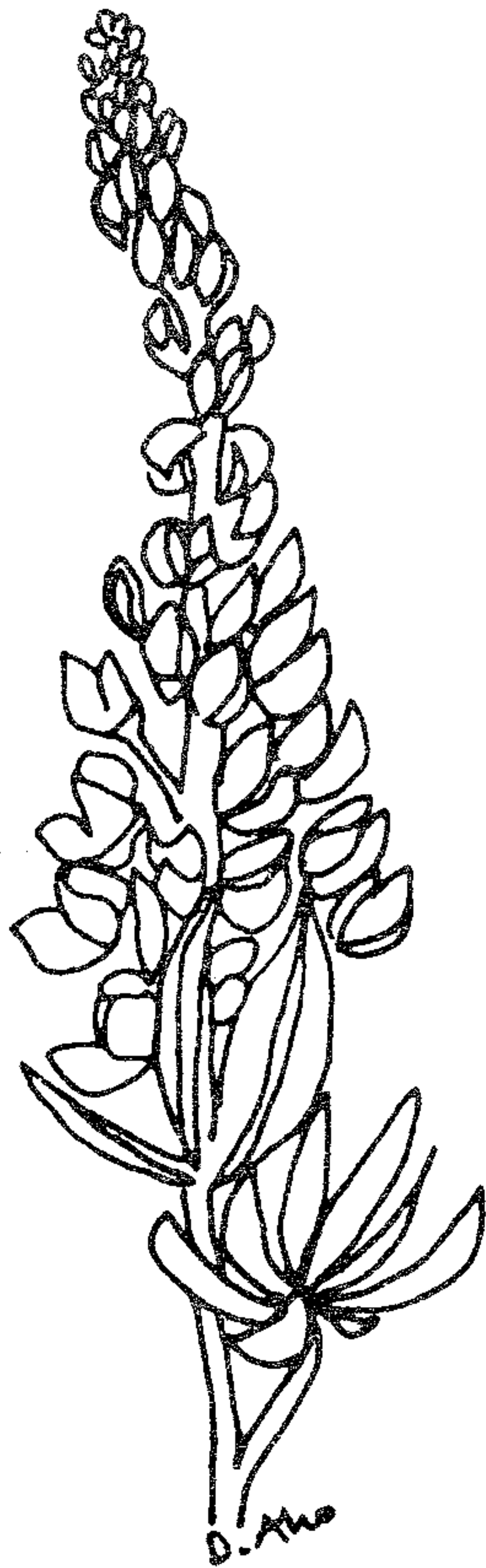
*This statement was adopted by the NPSO board at the June, 1990 meeting.*

It is the policy of NPSO to encourage public agencies and private entities to re-establish native vegetation, where appropriate, in disturbed sites. Our reasons for this policy and suggested guidelines are outlined below.

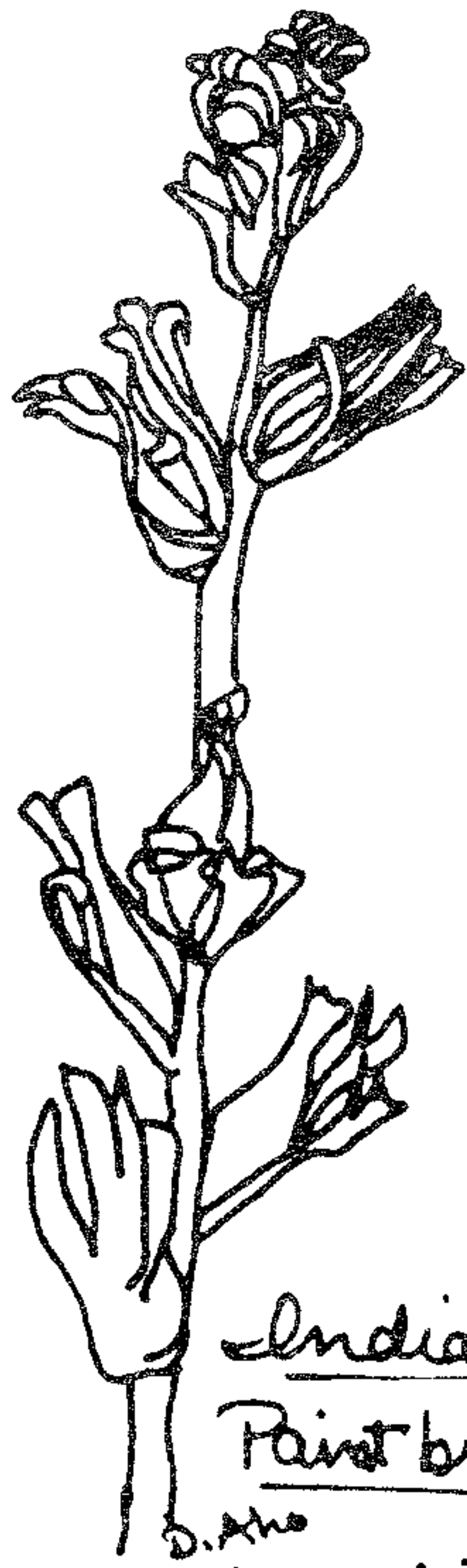
We feel that significant earth-moving activities such as road-building and mining, recontouring of idsturbed areas, reclamation of damaged lands, and creation of "mitigation ecosystems" should attempt to recreate the natural plant community as much as possible. Oregon's native plants serve as the base of the pyramid that forms the food chain for the rest of the ecosystem. In order to maintain our state's natural biodiversity it is necessary to maintain our natvie vegetation in an intact condition. Not only is it important to consider the particular species that comprise a given plant community, it is also essential to consider the relative abundance of those species and their geographical source.

We do not support revegetation with non-native species. Such exotic plants can only upset the balance that nature has achieved through thousands of generations of evolutionary development at a given site. In addition escaped exotics are a major threat to the integrity of many of our native systems. They are causing the extinction of some of our native plants. It is inappropriate and unwise to aggravate this problem. In practically all situations, a native species is available which, over the long run, will serve at least as well as a non-native species.

We caution those using native species for revegetation to be sure that the supplier has propagated the native plant rather than obtained it from its undisturbed natural habitat. Collection of native species for transplantation to other areas has the potential to aggravate the problem. A list of native plant suppliers is available through the NPSO.



*Yellow  
Lupine  
or  
Sabine's Lupine*



*Indian  
Paintbrush  
D. Amo  
Castilleja hispida  
Scrophulariaceae*

### NEW OFFICERS FOR UMPQUA VALLEY

The new officers for the NPSO's Umpqua Valley Chapter assumed their duties June 1st. Welcome aboard!

PRESIDENT

Richard Sommer  
240 Vinyard Lane  
Roseburg, OR 97470  
673-3709

VICE-PRESIDENT

Jack Hausotter  
P.O. Box 841  
Riddle, OR 97469  
874-2462

SECRETARY

Patty Turcotte  
1573 NE Hollis St.  
Roseburg, OR 97470  
672-0874

TREASURER

Donna Carlson  
175 Whitetail Lane  
Roseburg, OR 97470  
672-4430



## JEAN DAVIS AWARD GIVEN

The annual Jean Davis Scholarship has been awarded to Wendy Boyd of Eugene. She will be a student at the University of Oregon, and is a member of the Emerald chapter of the NPSO. We are happy to make this award and feel confident that Wendy will use this in the spirit it is given, to help in the preservation of the native plants of Oregon.

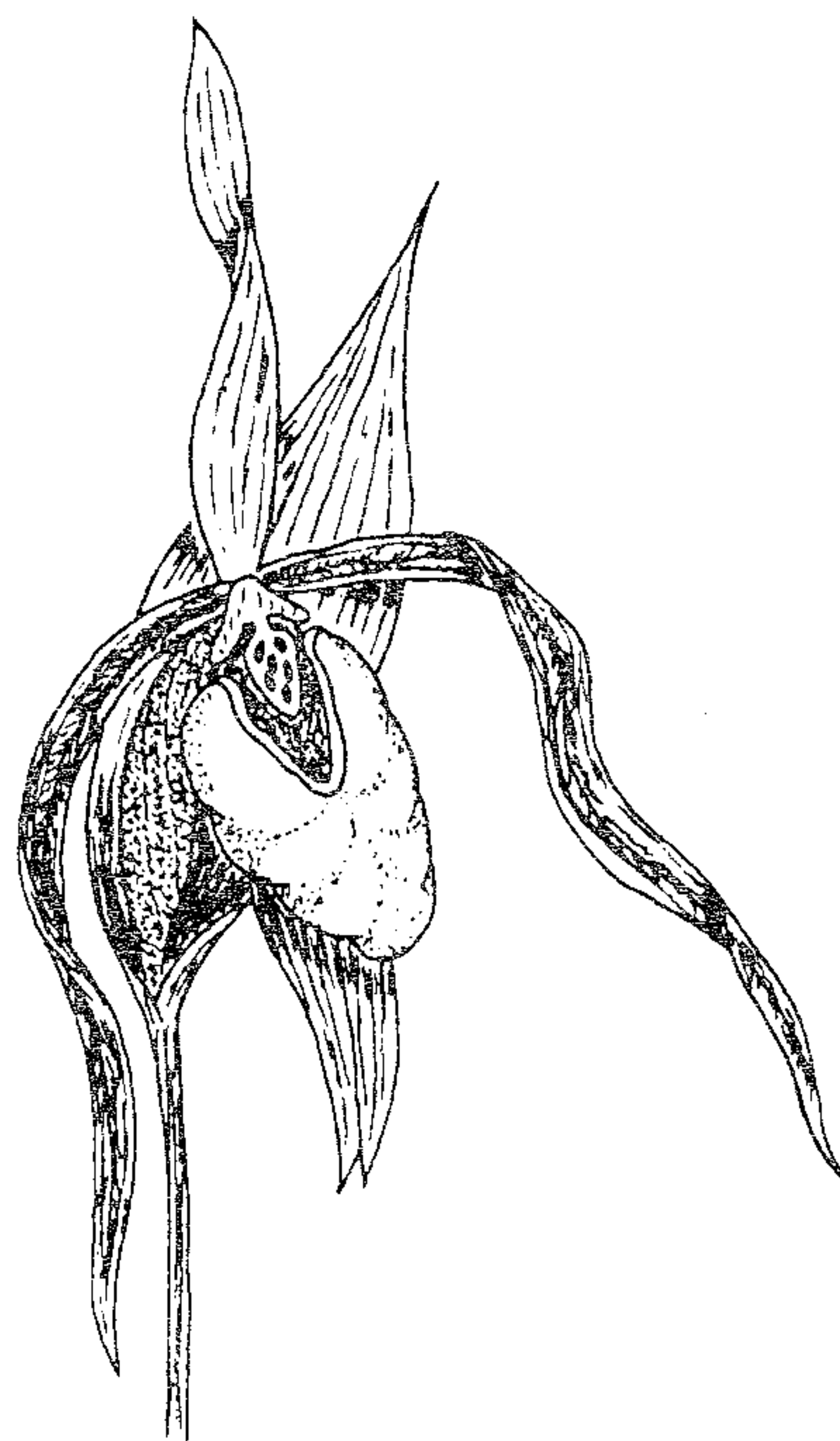
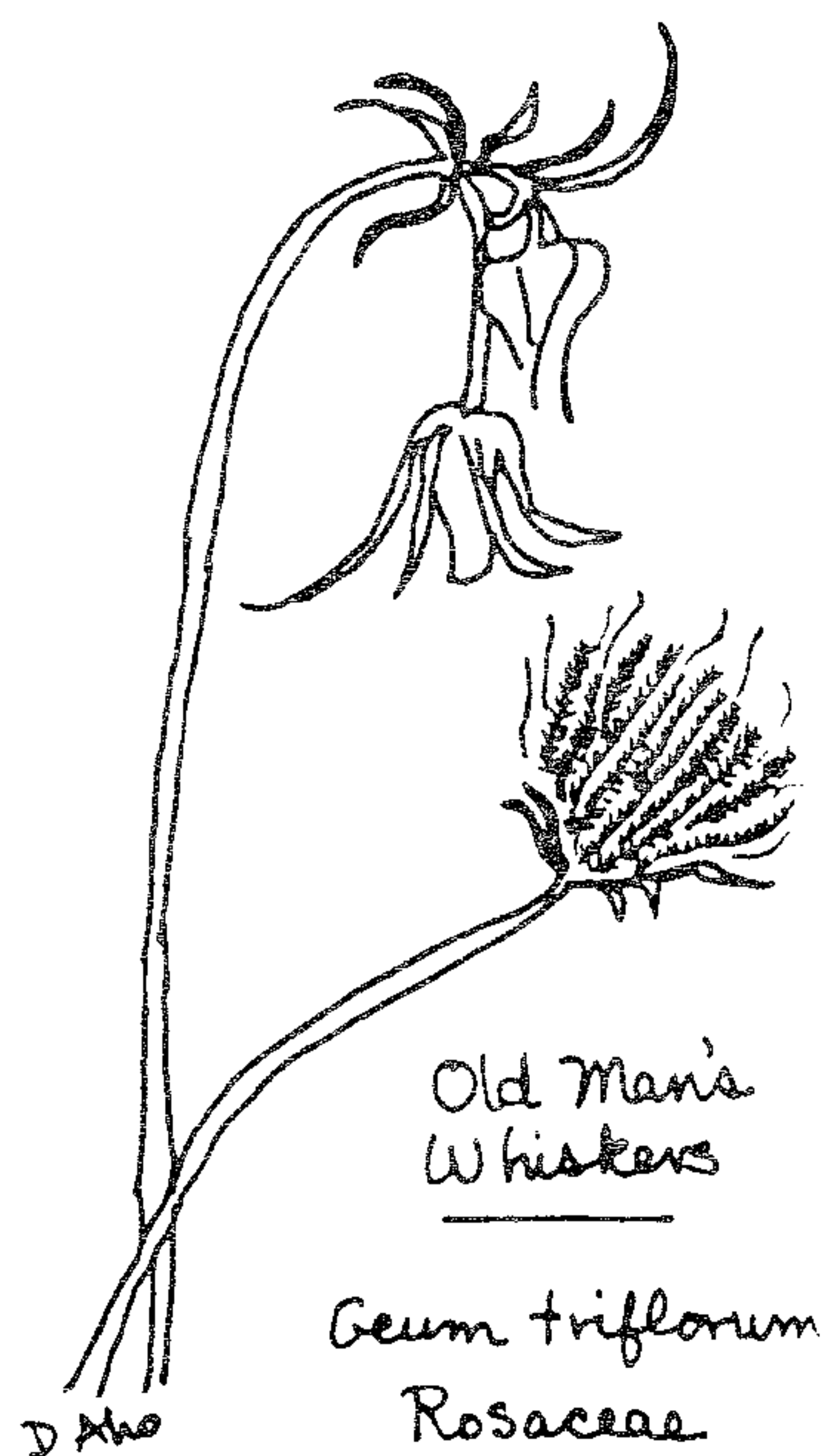
---

### NEW MAILING COMMITTEE NEEDED FOR NPSO *BULLETIN*

The NPSO has lost its *Bulletin* Mailing Committee. Sara Barnum, longtime former Mailing Committee head, has generously offered to temporarily keep the *Bulletin* rolling out, but cannot do so for long. A new Committee needs to be found soon. One person willing to assist the operation but not direct it may be available. Two experienced mailers are willing to help train a new Committee Chair and assist at first.

This is a job for one or two people once a month. It entails picking up the newsletters at the printer in SE Portland, taping the edges, placing computer-sorted labels on them, and taking them to the Postoffice. This takes about six hours for the 850 or so mailed each month, plus the pickup and delivery.

Interested? Contact Sara Barnum at 639-3353.



*Cypripedium montanum*  
Drawing by Herm Fitz  
Originally published in  
The NPSO *Bulletin*, April 1980

---

### A NEW FORM OF MOUNTAIN LADY'S-SLIPPER IN OREGON

Chuck Sheviak has just described a new orchid from British Columbia, *Cypripedium montanum* Dougl. ex Lindl. forma *praetertinctum* Sheviak. Besides the type locality in Canada, the only other record for this color form is from Lane County, Oregon, where it was discovered in 1932 along the McKenzie Highway. Only two individuals of this new taxon were ever found. Both were collected. Details can be found in the journal of the New England Botanical Club (Sheviak 1990).

#### Literature Cited

Sheviak, C. J., 1990. A New Form of *Cypripedium montanum* Dougl. ex Lindl. *Rhodora* 92: 47-49.

---Peter F. Zika, Emerald Chapter



## CATTLE GRAZING IN ROOSTER ROCK STATE PARK: A TREASURE ABUSED

A large part of Rooster Rock State Park lies south of Interstate 84. This is Columbia River bottomland, mostly wetlands stretching for about two miles east from Crown Point and averaging a quarter-mile between the freeway and the Union Pacific Railroad (see accompanying map below).

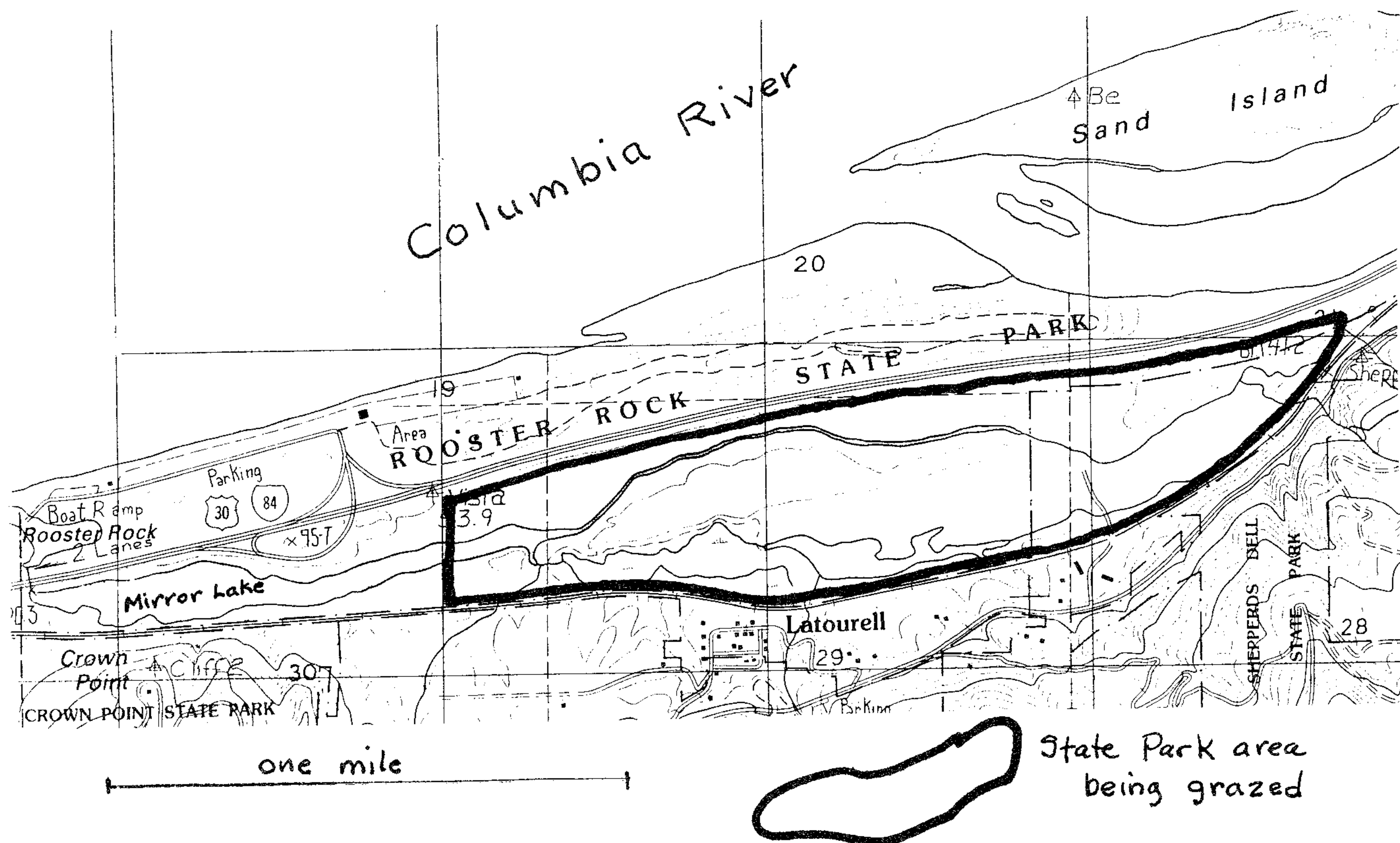
Two beautiful streams, Young and Latourell Creeks, flow westward through this area, separated by a low sand ridge forested with cottonwood, ash, and Douglas-fir. Of the dozens of native flowers found in this area, some are especially characteristic of bottomlands, including *Lysimachia ciliata* (Fringed Loosestrife), *Physostegia parviflora* (Dragonhead), *Lycopus uniflorus* (Bugleweed), *Polygonum hydropiperoides* (Water Pepper), and *Sagittaria latifolia* (Wapato). It is important to note that the *Sagittaria* marsh association is considered endangered in Oregon.

Amazingly, although I-84 is only a few hundred feet away, much of the area along Young Creek seems rather quiet and remote, and Latourell Creek even more so. The bottomlands are home to a variety of wildlife, including very active beavers, deer, ducks, and blue herons. On occasion bald eagles can be seen on snags near the creeks.

Unfortunately, there is a problem in this idyllic picture, namely COWS! In 1977, State Parks decided to make some money by leasing most of the park south of I-84 to the adjacent landowner for cattle grazing. The result was a disaster for the area, all thoroughly documented with photographs. The beautiful riparian areas along both streams were converted to muddy bogs and the streams ran muddy all the time. The extensive wapato patches were eaten up, as were most of the other plants. The few unpalatable species, such as water pepper, were merely trampled. Cowpies were evident in every direction. The whole area looked and smelled like a barnyard.

After complaints by grazing experts, the Lewis & Clark Trail Committee, and the NPSO, State Parks tacitly acknowledged the documented damage to the wapato. In 1978, most of the wapato areas along Young Creek were fenced to exclude cattle. However, nothing was done to protect the balance of the wetlands, including Latourell Creek and unfenced parts of Young Creek.

Even though this is state park land within twenty-five miles of the center of Portland, it has been given over to the cattle, and the public is not wel-







come. The uninformed might well suppose that this area of fences, cows, and cowpies is private land instead of public park---and, in effect, it is. The public has'nt been invited, by signs or otherwise, to enjoy this piece of public land. Even the stiles supposed to let people through the fence have mean strings of barbed wire across them. Longtime proposals to build an interpretive trail through the bottomland have been turned aside.

In a 1989 report to the Columbia River Gorge Commission, The Nature Conservancy found that "grazing should be discontinued on all lands at the site". The further recommendation was the entire portion of Rooster Rock State Park south of I-84 be designated a natural area as one of the two most important wetland complexes in the western Gorge. State Parks has declined to discontinue the grazing, pleading with excuses such as "keeping the grassy areas open", or "keeping the blackberries down".

As part of the Columbia River Gorge National Scenic Area, Rooster Rock State Park bottomlands were recently given a preliminary designation as "Open Space", i.e., protection, but State Parks officials have so far ignored this designation. In fact, even the supposedly protected enclosure along Young Creek has been routinely grazed. The fence intended to protect some of

the Wapato patches has been neglected ever since it was built. Over the years, NPSO members have urged State Parks to repair the enclosure fence and have offered volunteer help to get the job done. But, in spite of repeated verbal and written assurances by State Parks officials, literally nothing was done. As of May 29th, cattle were still grazing inside the enclosure. All in all, it is a sad history of negligence, unkept promises, and insensitivity to natural values.

The final outrage, difficult as it may be to believe, is that the permittee, who is running 156 head of cattle on state park land during 1990, will be paying literally NOTHING, not one red cent, for the privilege of desecrating our beautiful wetlands. How's that for scandal?

#### LETTERS NEEDED!

If you feel that cattle grazing is inappropriate in Rooster Rock State Park, let the State Parks director know how you feel. Write:

Dave Talbot  
Oregon State Parks  
525 Trade St., SE  
Salem OR 97310

Note: A Portland Chapter field trip to the Rooster Rock State Park wetlands is planned for Sat., July 28 (see Chapter News). The State Parks regional supervisor has been invited along.



## JUST WHAT IS A KALMIOPSIS?

I was asked an interesting question after dinner at our recent wonderful Annual Meeting at the Bar M Ranch near Pendleton. The asker, who didn't mention his name, wondered just what the meaning of the word "Kalmiopsis" was. He asked if it might be an Indian word and said he was sure that many NPSO members would be interested in the origin of the name. Since Kalmiopsis is to be the name of NPSO's new, premier botanical journal, I thought it would be reasonable for me to offer a brief explanation of the name here. I don't think this little article will, in any way, spoil your enjoyment of the full, exciting story of the discovery and naming of this unique Oregon plant. This information, which I am now beginning to research, will appear in the first issue of Kalmiopsis, the Journal, due to appear early in 1991.

During the years 1747-1749, Peter (Pehr) Kalm, a young (32-year-old) Swedish botanist and friend and student of Linnaeus, traveled in eastern North America looking for new plants to send back to his teacher for naming. Coming across two species of beautiful pink to rose or white flowering shrubs in the family Ericaceae, Peter Kalm sent them home to his master. The plants were unique in that inside each blossom, ten little pouches held the anthers. When the flower was touched, the stamens sprang up suddenly to release the pollen. Linnaeus was no doubt charmed by this unique plant, and named it *Kalmia*, for his student, its discoverer. *Kalmia* goes by the common names laurel or mountain laurel. The genus has about six species in America. Hitchcock recognizes two species in our area which grow in bogs or mountain meadows and are called alpine laurel, swamp laurel or *kalmia*.

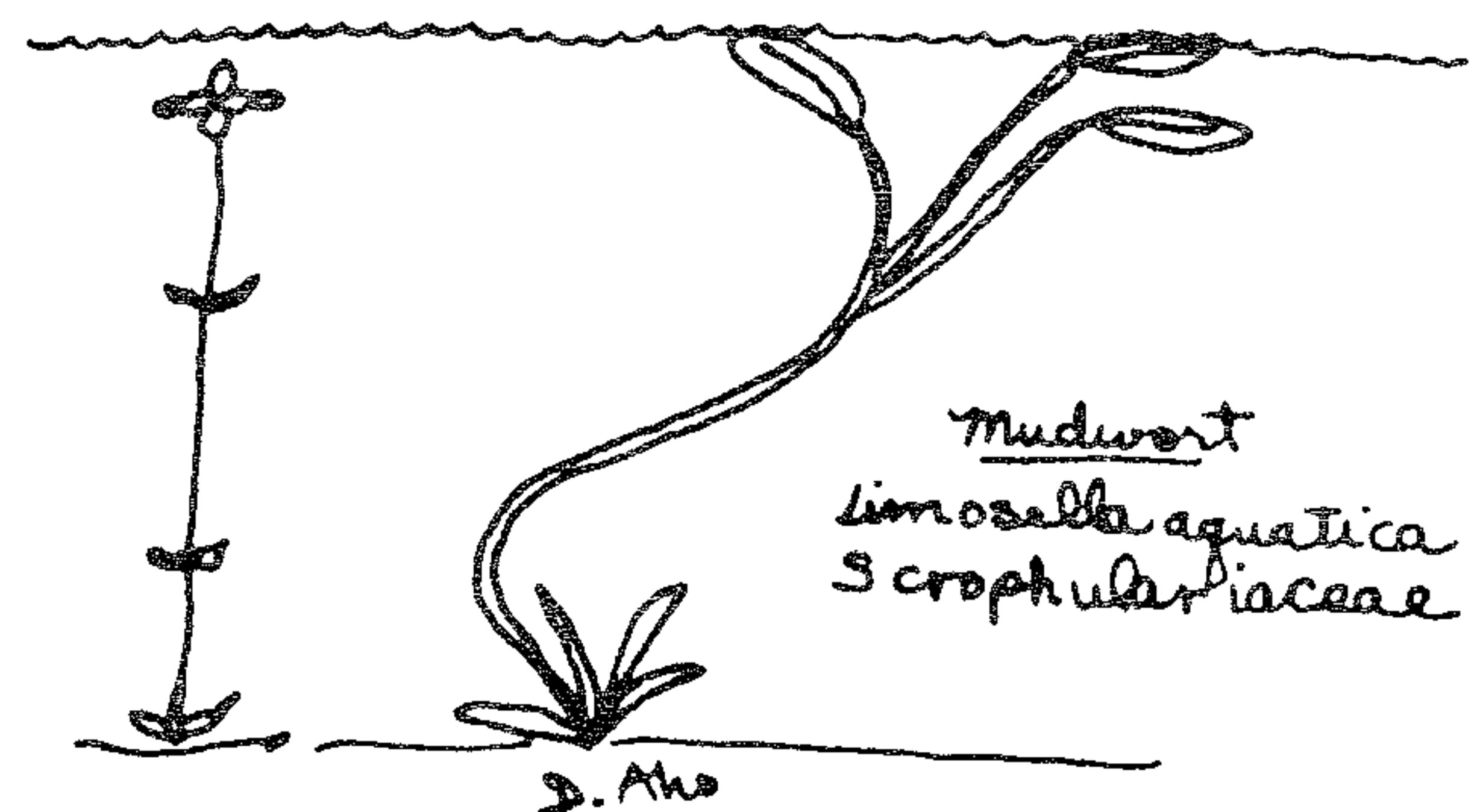
Lilla and John Leach of Portland discovered the plant which came to be called Kalmiopsis in Curry County at Gold Basin on June 14, 1930. Lilla was greatly excited because she knew at once that she had found a plant new to science. She sent specimens to Louis F. Henderson at the University of Oregon Herbarium in Eugene. Henderson at first believed the plant belonged in the genus *Rhododendron* and gave it the name *R. leachianum* to honor its discoverer. However, specimens of the new plant were also sent to Alfred Rehder, curator of the Herbarium at the Arnold Arboretum outside Boston, who correctly

determined that the plant belonged to a genus completely new to science. He gave this new genus the name Kalmiopsis. (The Greek suffix "opsis" means "with the appearance of.") So the name Kalmiopsis, as used by Rehder, indicates that the plants were similar in form to members of Linnaeus' genus *Kalmia*. Rehder published the name *Kalmiopsis leachiana* (Hend.) Rehder for the new plant in the Journal of the Arnold Arboretum in 1932 and it bears this name today.

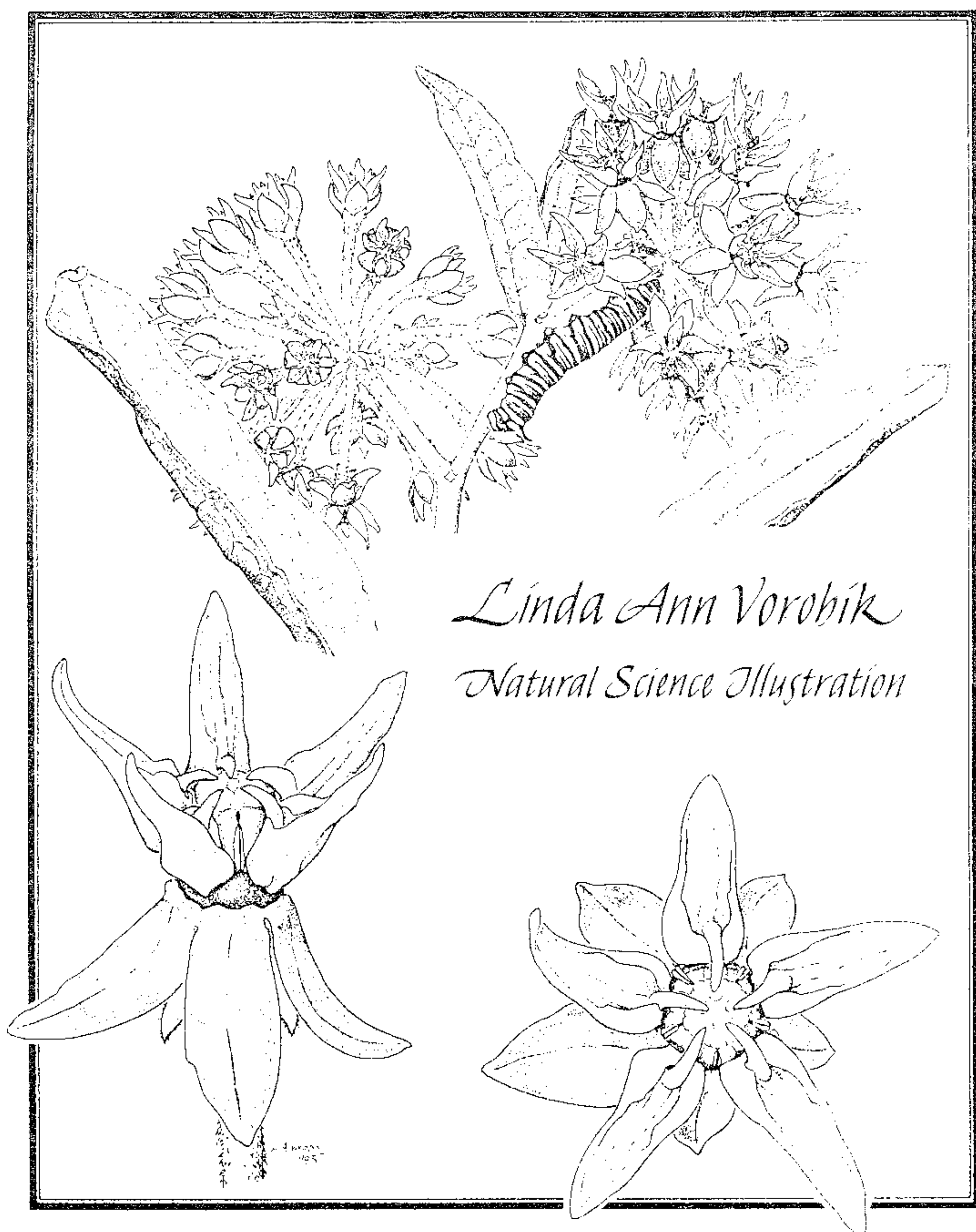
Long-time readers of the NPSO Bulletin may remember earlier articles about the discovery and naming of *Kalmiopsis leachiana*. I refer you to our September and October, 1982 issues where then-editor Linda Vorobik published excerpts from Lilla Leach's "Botanizing in Oregon's Hinterland," which subsequently appeared in *Mazama* in December, 1983. I also refer you to Ed Thatcher's article in the NPSO Bulletin for August, 1984 entitled "Discovery and Naming of the Oregon Endemic Genus Kalmiopsis."

It will be my pleasure and honor to write an illustrated article on this subject for the first issue of NPSO's new journal, Kalmiopsis. Fortunately for me, Ed Thatcher has already covered some of this ground and I plan to lean heavily on his knowledge and some of what he has already compiled. My article will be in 3 parts: the discovery of the plant, the naming of the species, and the establishment of the Kalmiopsis Wilderness. I hope to be finished with my research by this September. If Bulletin readers have or know of any information or pictures that might be useful to me, I would very much appreciate hearing from you.

Rhoda Love, Associate Editor,  
Kalmiopsis, the Journal







**NATURAL SCIENCE ILLUSTRATION**

Instructor: Linda Ann Vorobik  
 August 12 - 22, 1990  
 2 semester credits; 3 quarter credits  
 \$440 without credit, \$490 with credit  
 (price includes room and board)

**COURSE CONTENT**

Natural Science Illustration at Malheur Field Station will be a marathon of artwork in the beautiful high desert of eastern Oregon. It is designed to accommodate the needs of the beginning illustrator as well as to teach new methods to the more seasoned artist. In the field, learn basic drawing skills and how to render organisms with both aesthetics and accuracy in mind. We will work with both living and preserved specimens, and will discover how to best interpret and portray different kinds of plants and animals. Media used will include graphite, pen and ink, scratchboard, color pencils, and watercolor. Illustration topics will range from basic drawing skills to publication techniques, creating the illustration resume and portfolio, and making a business of biological illustration.

**THE INSTRUCTOR**

Linda Ann Vorobik holds a B.A. and a Ph.D. in Biology and has instructed numerous college level courses in Biology. She has been illustrating for over 12 years and her work appears in numerous scientific books and journals. Currently she works as a freelance artist and is also one of two illustrators for the new Jepson Manual of Vascular Plants of California, UC Berkeley.

**FOR MORE INFORMATION**

Write to Dr. Vorobik at Jepson Herbarium, University of California, Berkeley, CA 94720, or call (415)643-7008 (days) or (415) 527-3023 (messages).

**MALHEUR FIELD STATION REGISTRATION FORM**

DATE \_\_\_\_\_

Please Print or Type

NAME \_\_\_\_\_

SOCIAL SECURITY # \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_ PHONE \_\_\_\_\_

WHERE CAN YOU BE REACHED TWO WEEKS PRIOR TO COURSE?

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

HOW DID YOU FIND OUT ABOUT MFS? \_\_\_\_\_

SCHOOL ENROLLED IN AT PRESENT \_\_\_\_\_

PLEASE ENROLL ME IN THE FOLLOWING COURSE(S.):

DATES	COURSE NAME (In Order of Preference)	CREDIT / NON-CREDIT
_____	_____	_____
_____	_____	_____
_____	_____	_____

ENCLOSE \$100 DEPOSIT FOR EACH CLASS IN ORDER TO RESERVE YOUR SPACE, EVEN IF YOUR FEES WILL BE PAID BY FEDERAL AGENCY OR WORK/STUDY WAGES. THE DEPOSIT APPLIES TOWARD THE PRICE OF THE COURSE. MAKE CHECKS PAYABLE TO MALHEUR FIELD STATION.

PLEASE SEND ME MORE INFORMATION ABOUT:

- WORK/STUDY/VOLUNTEERING
- VOLUNTEER WORK WEEK
- NON-CREDIT LECTURES & WORKSHOPS
- FAMILY WORKSHOP

I WOULD LIKE TO BECOME A MEMBER OF MFS (CIRCLE ONE):

STUDENT \$10    INDIVIDUAL \$15    FAMILY \$25    OTHER \_\_\_\_\_

\$100.00 REGISTRATION DEPOSIT

\$25.00 REFUNDABLE CLEANING DEPOSIT

\$ \_\_\_\_\_ AMOUNT INCLUDED

CHARGE TO VISA or MASTERCARD

NUMBER \_\_\_\_\_

EXP. DATE \_\_\_\_\_

SIGNATURE OF CARDHOLDER \_\_\_\_\_

DETACH & MAIL TO:

Malheur Field Station, HC 72 Box 260, Princeton, OR 97721

**RELEASE AND ASSUMPTION OF RISK**

I am aware that during the courses that I am participating in under the arrangements of the Malheur Field Station, certain dangers may occur, including but not limited to the hazards of travelling in desert or mountain terrain, accidents or illness in remote places without medical facilities, the forces of nature, and travel by van, bus or other conveyance. In consideration of, and as part payment for the right to participate in such course or other activities, I have and hereby assume the risks and all legal responsibility for injury to myself or loss of my property resulting from participation in these courses or other activities, and do hereby hold Malheur Field Station harmless from any and all liability, actions, causes of action, debts, claims and demands which I now have or which may arise in connection with my participation in these courses or other activities. These terms hereof shall serve as release and assumption of risk for my heirs, executors, administrators, and for all members of my family. I affirm that my general health is good and that I am not under a doctor's care for any condition which will endanger my health or the health of other participants. In case of injury and/or illness, I will bear the cost of any evacuation procedures such as ambulance, helicopter, rescue team and professional medical care. I have read registration form, catalog and MFS policies and am aware of governing principles, of the Great Basin Society, Inc., Malheur Field Station.

DATE: \_\_\_\_\_ SIGNATURE \_\_\_\_\_

IF UNDER 21 years of age, parent or guardian must sign:



## BITS AND PIECES

---News and Information From All Over

### NATURAL AREAS AND YOSEMITE: PROSPECTS FOR THE FUTURE

This is billed as "A Global Issues Symposium Joining the 17th Annual Natural Areas Conference with the Yosemite Centennial Celebration". The symposium will begin with a weekend in Yosemite National Park followed by five days of talks, displays, and field trips to San Francisco Bay region natural areas. The sessions will concentrate on the many issues surrounding natural area protection, management, research, interpretive education, and related art and literature. Dates will be October 13th thru 19th, 1990. More information is available from:

Coordinator  
NA/Yosemite Centennial Symposium,  
GGNRA, Fort Mason Bldg. 201,  
San Francisco, CA 94123.

---

### THREE SISTERS WILDERNESS PROGRAM

Kids and adults restoring an overused wilderness site. Teamwork, creativity and accomplishment. Sound interesting? That's what will be happening this summer in the Three Sisters Wilderness Area as the Bend Ranger District launches its new program to involve the community in wilderness.

Last year while repairing a vandalized restored wilderness site, Wilderness Ranger Michelle Kaptur decided that the public needed to get involved in wilderness restoration. "If people knew why a spot needs restoration, got involved in the process and felt some ownership in wilderness, maybe the vandalism would taper off", said Kaptur. She also hopes to further the No Trace education program that she started last year.

If you are involved with an adult or youth group or have children and would like to find out more about this program contact Deb Aiken, Bend Ranger District, at 388-5664.

### BLM VOLUNTEER OPPORTUNITIES IN OREGON AND WASHINGTON

The BLM Oregon State Office has issued a call for volunteers to help carry out a wide variety of jobs on BLM land in Oregon and Washington. Pointing out that their budget does not cover sufficient manpower to carry out all their mandated tasks, and that they manage nearly a quarter of the state of Oregon, they state that volunteers have been doing "work that would otherwise go undone". Volunteers last year contributed about 1.3 million worth of time in the two states. Evidently thousands donate time to the BLM each year nationwide.

Their list of possibilities is quite diverse and include several projects of benefit to native plants. In the Burns District they wish 1-3 people to establish photo plots in fragile and/or overused Wilderness Study Areas to gain data for management, and 1-3 people to conduct surveys of WSA users. A group of 10-50 could take on "old dump cleanup, removal of fallen down unused fence, and other attempts to erase human imprint" in WSA's, or individuals with a Macintosh computer can work on WSA-related Pagemaker documents. The Salem District is looking for trail, bench and bridge builders, wildlife counters, and tree planters. The Eugene District wants someone to help call and count spotted owls. Lakeview District wishes help fencing aspen stands and riparian areas to keep the cattle from grazing there. Several districts want people interested in working directly with the public in areas ranging from developed campgrounds to wilderness areas. People with general construction or trail-building interests are also desired.

Many other possibilities are listed in their magazine-size handout. Those wishing to have more information from the BLM should contact the State Volunteer Program Coordinator at 503-231-6271.



**STATE OFFICERS**  
 DIRECTORS..... Paula Brooks, JohnChristie, Tom Kaye,Barbara Mumblo, Kathy Schutt, MarjorieWillis  
 PRESIDENT ..... Stephanie Schulz..... 652 W. 10th St. #1, Eugene 97402485-1868  
 IMMEDIATE PAST PRESIDENT ... Stu Garrett. .... 21663 Paloma Drive, Bend 97701; 389-6981  
 VICE PRESIDENT ..... Dan Luoma. .... 2912 NW Arthur Ave., Corvallis 97330; 758-8063  
 SECRETARY..... Sue Vrilakas. .... 1120 NE 162nd, Portland 97230; 253-7080  
 TREASURER ..... Diane English. .... 3383 W. 14th,Eugene 97402; 484-9287

**STATE COMMITTEE CHAIRS**  
 RARE AND ENDANGERED ..... Jean Siddall. .... 535 Atwater Rd., Lake Oswego 97034; 636-4633  
 CONSERVATION ..... Ed Alverson. .... 110 NW 31st, Corvallis 97330; 753-3051  
 LEGISLATIVE ..... Esther McEvoy..... 3290 Willamette, Corvallis 97333; 754-0893  
 MEMBERSHIP..... Mary Falconer. .... 1920 Engel Ct. NW, Salem 97304; 585-9419  
 WILDFLOWER POSTERS ..... Susan Gabay. .... P. O. Box 151, Mosier 97040; 478-3576  
 NOTECARDS..... Nancy Fredricks. .... 34213 Riverside Dr. SW, Albany 97321; 967-1893

**CHAPTER PRESIDENTS**  
 BLUE MOUNTAIN (Pendleton) .. Bruce Barnes. .... 731 NW 5th, Pendleton 97801; 276-5547  
 CORVALLIS ..... Wes Messinger. .... P.O.Box 1300, Corvallis 97339; 929-4002  
 EMERALD (Eugene ) ..... Diane English. .... 3383 West 14th, Eugene 97402; 484-9287  
 HIGH DESERT (Bend) ..... Bill Hopkins. .... Silvicultural Lab, Bend 97701; 388-7426  
 MID-COLUMBIA ..... Keith Chamberlain. .... Box 271, Mosier 97040; 478-3314  
 NORTH COAST ..... Sallie Jacobsen. .... 6800 5th NW Cape Meares, Tillamook 97141; 842-4350  
 PORTLAND ..... Mike Fahey. .... 215 Phoenix Way, Vancouver, Wa 98661 206-694-2902  
 SISKIYOU ..... Richard Brock. .... 665 E. Main St., Ashland 97520-2115; 482-4111  
 UMPQUA VALLEY (Roseburg) .. Russ Holmes. .... 322 Arcadia Drive, Roseburg 97470; 672-4635  
 WILLAMETTE VALLEY (Salem) . Mary Anne Westfahl. .... 2375 Madrona Lande, Canby 97013; H-266-7967  
 WM. CUSICK (LaGrande) ..... Karen Antell. .... Biology Dept., EOSC, LaGrande 97850; 963-0267

**BULLETIN** EDITOR..... Bryan Boyce... 13285 S. Clackamas River Drive, Oregon City 97045-9411; 655-4457

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 the month.**  
**Text Format:** Submission s can be in any form. Camera-ready copy should be in 3.334 in. wide columns up to 9.3 in long, with spacing between columns .22 in. The *Bulletin* uses 10 point "Geneva" font. Author's name and affiliation are added at the end of the article. Double space between paragraphs, and do *not* indent 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.  
**Computer Disks:** The editor prefers articles submitted on MacIntosh

or IBM disks. Please contact the Editor for further details.  
**Illustrations:** Line drawings are preferred to pictures requiring half-tone reproduction. Contact the editor about our current needs.  
**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 of both scientific and common names is encouraged. *Italicize* genus and specie (underline if italic is not available). **Return of Originals:** Submissions will not be 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 ( ) *Bulletin* 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:**  
 Jean Davis Memorial Award Fund. .... \$ \_\_\_\_\_  
 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:

Mary Falconer, NPSO Membership Chair, 1920 Engel Court NW, Salem, Oregon 97304.



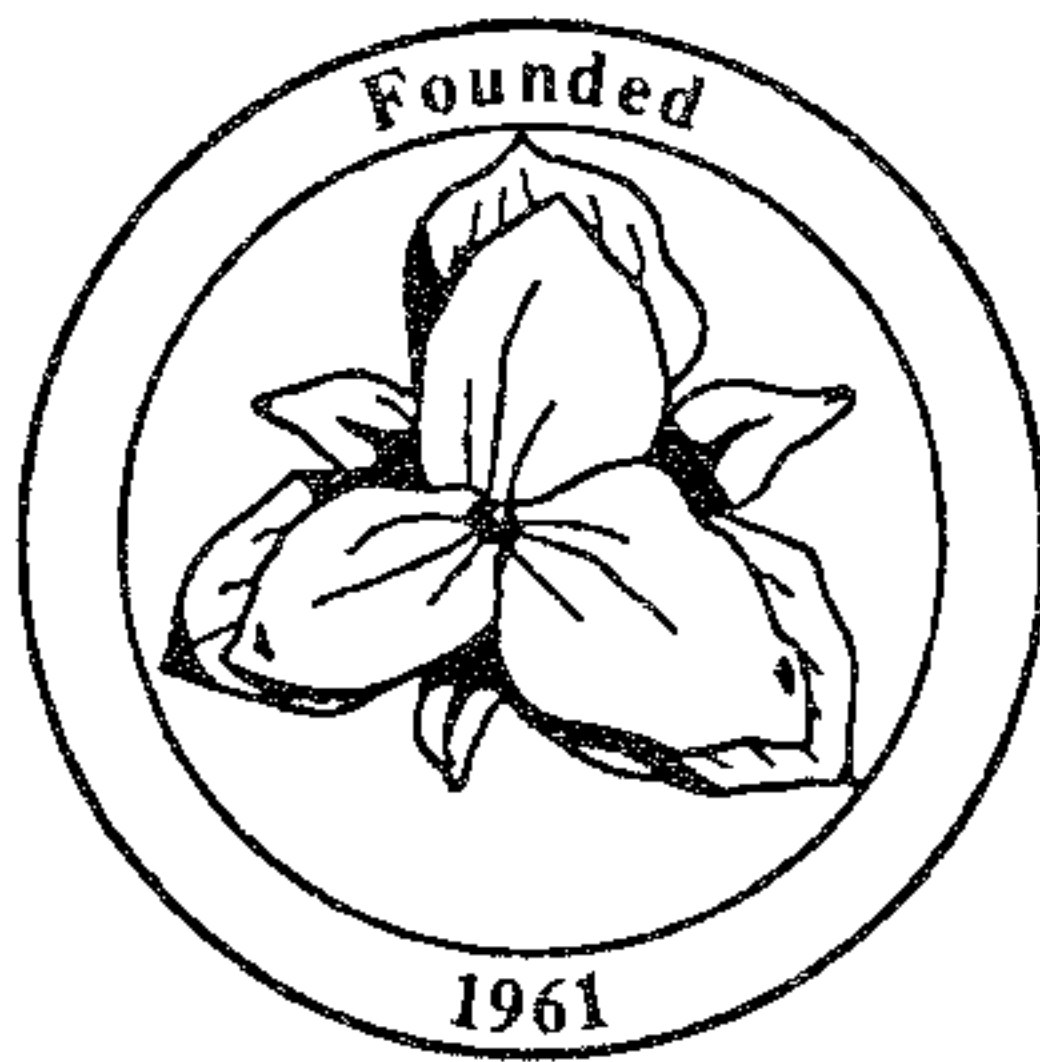
## In This Issue

New Officers for Umpqua Valley. ....	76
NPSO Policy Statement. ....	76
New Form of Lady's-Slipper---by Peter Zika. ....	77
Jean Davis Award. ....	77
Mailing Committee Needed!. ....	77
Cattle Grazing in Rooster Rock State Park---by Russ Jolley. ....	78
Just What is Kalmiopsis?---by Rhoda Love. ....	80
Bits and Pieces. ....	82

---

*Send change of address notices to:*  
Native Plant Society of Oregon  
Mary Falconer, Membership Chair,  
1920 Engel Court NW,  
Salem, Oregon 97304

NON-PROFIT ORGANIZATION U.S. POSTAGE PAID Portland, Oregon Permit #2432
---



TIME DATED MAIL