

NATIVE PLANT SOCIETY of OREGON

• OBJECTIVE •

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

Vol. XII No. 9

September 1979

THE EDITORS' VIEW

Just two short comments this month.

*We note with interest the decision by Emerald Chapter to publish their own chapter newsletter from the very start. Whether this is the wave of the future for other chapters, we can't predict. But we are impressed by the interest and energy shown by the new chapter in Eugene-Springfield.

*Our (Vern Crawford's) apologies to the BLM Botanist in Lakeview. Her name is Ginny Crosby, not Peggy Crosby as written in the August Bulletin. Sorry Ginny!

This spring and summer legislation to extend funding has included an amendment that requires that consultation between appropriate federal agencies and the Fish and Wildlife Service be extended to include those species also proposed for listing. Sounds great except for one thing, the Fish and Wildlife Service doesn't want the additional work load and wants to dump the species proposed for listing as soon as possible. Not only that the Service has opposed all efforts to extend the length of time to complete the listing process!

The opportunity to finally do something of substance on behalf of our precious heritage of rare plants will surely suffer a serious setback unless we all let our elected legislators and the Fish and Wildlife Service know how we feel. Write now.

FAL

PLANT SENATORS NEEDED IN WASHINGTON, D.C.!

Information from Alice Howard of the California Native Plant Society indicates that recent developments concerning the Endangered Species Act may put plants in jeopardy. Our action as individuals and as an organization may be necessary if it is not already too late.

Two steps are necessary before a plant can be officially recognized as endangered or threatened: A "proposed rule making" where notice of the candidate species is published in the Federal Register and a final rule making, published after a period of time for public comment, formally declaring the status of the plant. At the time of listing, critical habitat must be designated and the economic impact of the action determined by the Fish & Wildlife Service unless revealing the critical habitat would endanger the species. Recently, only those species that would be endangered if critical habitat were revealed have been designated because the Service has yet to figure out a way to determine economic impact. This strategy eliminates a large number of the 1800+ plants proposed for endangered status.

What is worse an amendment to the act last fall requires that final rule making on the 1800 taxa must be completed by 10 November 1979 or the proposed plants must be dropped. Reproposing the dropped species must be on the basis of new information. Reproposal will not be an easy task.

UPDATE ON THE OREGON NATURAL HERITAGE PROGRAM

In the August Bulletin we reported passage of a bill in the Oregon Legislature that establishes and funds an Oregon Natural Heritage Program. Wayne Rifer gives us the following update.

"The 1979 Oregon legislature overwhelmingly passed a bill to establish an Oregon Natural Heritage Program which will conserve species and ecosystems which are identified to have unique values. State lands will be the primary focus of the Program, but means are also provided for private landowners to participate. A State register of unique areas is established as well as provisions for dedicating those areas to resource conservation.

"The Program will be administered by the State Land Board and will be based on the Natural Heritage inventory which The Nature Conservancy has conducted. For more information contact either:

Wayne Rifer, Director
Oregon Natural Heritage Program
The Nature Conservancy
1234 NW 25th
Portland, OR 97210

or

Bill Cox, Director
Division of State Lands
Salem, OR 97300

PREDATOR ALERT

The Cinnabar Moth, introduced to control the Tansy Ragwort, (Senecio jacobaea), was recently seen on the native Senecio triangularis in the Three Sisters Wilderness and Santiam Pass area. Serious damage is being done, causing concern that our native Senecios may be threatened by this alien pest.

I would be interested to hear of any observations of the Cinnabar Moth larva on native Senecio species. The orange-and-black banded caterpillar is hard to misidentify -- keep a sharp lookout. Be sure to identify the plant. Photograph the pest if possible. Send reports to: Dave Wagner, Dept. of Biology, University of Oregon, Eugene, OR 97403.



Dr. Wagner's report of the Cinnabar Moth eating a native species of Senecio is indeed disturbing. The moth was tested in France (the origin of our imports) by the Department of Agriculture on ten crop and ornamental plant species before being released in the United States apparently they didn't check on native species. The development is somewhat surprising since we were told that the moth would feed only on tansy ragwort and, because of its life cycle, the moth's population builds up gradually and disperses slowly. Because of this it usually has to be introduced into new areas. How it got to the Santiam with taste for Senecio triangularis is a mystery. Watch out for a beautiful moth with scarlet hind-wings and blackish-green forewings marked with scarlet flying in May and June and ~~orange~~ orange or yellow and black banded larvae feeding in summer. E.B. Ford in his book Moths, suggests that the Cinnabar Moth with its brilliant coloration and gregarious habit is a characteristic example of warning coloration. They apparently smell, or taste bad, something predators soon associate with the moth's bright colors.

FAL

ORV'S ORV'S ORV'S ORV'S ORV'S ORV'S

Those of you interested in the use of public lands by Off-Road Vehicles (ORV) should read David Sheridan's recent publication on the subject (Sheridan, D. 1979. Off-Road Vehicles on Public Lands. Council on Environmental Quality 84pp) available from the Superintendent of Documents Washington, D.C. It is an examination of the ORV problem and the response of federal agencies particularly the Bureau of Land Management and the U.S. Forest Service.

The interest of the NPSO in ORVs primarily involves the damage done to vegetation, soils, wildlife, watershed, and archeological sites by the irresponsible use of motorized vehicles that do not stay on existing road ways. A quote from the end of Sheridan's publication sums up the problem:

"The Jeep Corporation in cooperation with the Outdoor Writer's Association of America developed a "Code of Environmental Ethics for Drivers of Off-Road Vehicles" which includes the following:

I will appreciate the solitude and beauty of our natural environment, and respect the feelings of others toward it.....

I will not drive where I cannot leave the land essentially the same as before I drove across it.

If these two principles guided the ORV manufacturer when they advertised their products and the Forest Service and BLM when they managed the ORV use of land, the Off-Road Vehicles on the public lands would not be the issue it is today." AMEN!

Why not look into the issue in your area and let the local agencies know how you feel about the problem?

FAL

SPRING IN NEPAL FOR NPSO!

Folkways International Trekking, Inc., is organizing a Nepal Natural History Trek for the spring of 1980. Don't miss this opportunity to explore Nepal's flora. Naturalist leader for the trek will be NPSO Past President, Ruth Hansen. This is also a fundraiser for NPSO: \$100 per NPSO member taking the trip goes to our treasury.

Dates: April 5-26, 1980 -- 22 days total time
(12 days trekking)

Naturalist Leader: Ruth Hansen

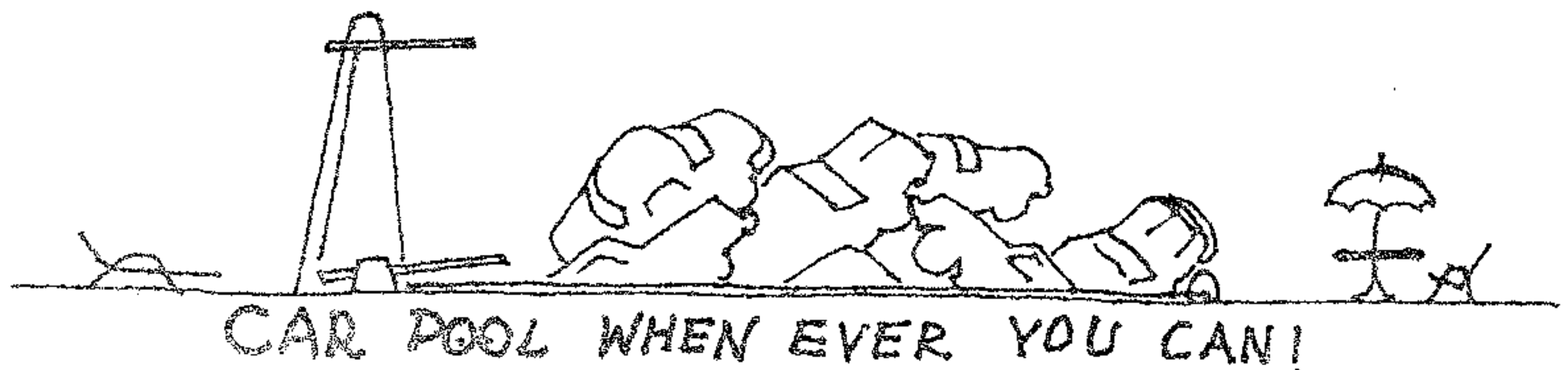
Trek Leader: David Christopher

Land Cost: \$1150 (\$100 of cost is a contribution to NPSO)

Airfare: \$1367 (from San Francisco and subject to change)

Description -- Spring in Nepal: The forests of rhododendron cover the hillsides with hues of red, pink, and white blossoms. Our trekking route will abound in Primula, orchids, and Berberis as well as the cultivated terraced fields of the Nepalese. Our trail follows the Bhote Kosi River which happens to be along the migration route for many species of birds. Our foreground will be the fir, hemlock and bamboo as we move toward the 12,500 foot pass and the view of the Langtang, Gosainkund and Ganesh ranges. Our trek naturalist will be fielding questions and pointing out many of the natural wonders of the area.

Sign up now for a special adventure--only 16 spaces available.



NEW BOOK

Spellenberg, Richard, 1979. The Audubon Society Field Guide to North American Wildflowers Western Region. Alfred A. Knopf, New York, 862 pp.

This wildflower book uses color photographs to identify 666 of the West's more showy or unusual wildflowers. The book's introduction provides information Geographic Scope (basically West of the east slope of the Rocky Mountains including Big Bend National Park in Texas), How to use the book, Plants and Plant Parts with drawings, flower parts and leaf types and arrangement. Part I consists of the color photographs arranged by color then in a series of subgroups such as Vines, Shrubs, or Trees, Simple-shaped flowers, Daisy-like Flowers, Odd-shaped flowers or the shape of the inflorescence (round or elongate). Once the photograph of the unknown plant or a similar species is located you are referred to Part II which consists of written family and species descriptions which are arranged in alphabetical order by scientific family name then genus and species. For each species illustrated in Part I the text in Part II has a description of the plant (measurements in metric and English measure), flowering time, habitat, range, and comments. Frequently in the comment section there will be brief descriptions of other similar species. Even if the photograph doesn't exactly fit your plant you may still get to the correct identification.

In the short period of time I have had the book I have noticed no major errors. I sometimes find the choice of common names (Elegant Camas for Zigadenus elegans for example) and their exclusive use as photograph captions annoying. All in all the book is a good one that might make an interesting companion to Niehaus and Ripper's A Field Guide to Pacific States Wildflowers. Although Spellenberg's book doesn't have as many species it has more families, 99 as compared to 77 for Niehaus and Ripper and it does include some flowering vines, shrubs, and trees, which the other book doesn't.

The book is a handy size, 4 x 7½ x 1½ inches, for field work and is bound in a bright yellow flexible plastic binding. The majority of the photographs are excellent and well chosen.

This book is basically for beginners but will be enjoyed by all wildflowers devotees for its beautiful photographs.

CHAPTER CALENDAR

WILLAMETTE VALLEY CHAPTER

Meeting: September 17, 7:30 p.m. in the Carrier Room of the First United Methodist Church, State and Church Street, Salem. Program: "The Fascinating World of Mosses" by Jessie T. Martin.

Field Trip:

Sun. Sept. 9 -- Little Luckiamute Trail. Larry Scofield, leader. Conifer study. Meet at Front & Court Streets at 9:00 a.m. Round trip driving distance 46 miles, with a 2-3 mile hike.

PORTLAND CHAPTER

Meetings:

Mon. Sept. 10 -- The U.S. Forest Service Endangered and Threatened Plant Program in the Pacific Northwest. With Lloyd Soule and Dean Longrie. Both men are U.S. Forest Service employees: Lloyd Soule is a Cooperative Forestry Specialist in the Portland regional office; Dean Longrie is a Wildlife Biologist with the Mt. Hood National Forest.

Mon. Oct. 8 -- Propagating Native Plants. With Stan Jewett. This short presentation will be followed by a period for discussion among the membership: future programs, desired field trips, showing of slides for plant identifications, and any other subjects members wish to discuss briefly.

Field Trips:

Sat. Sept 1 -- No trip scheduled.

Sat. Sept. 8 -- Cathedral Ridge Trail to McNeil Point. Annie Kowalishen, leader. Meet 8:00 at State Motor Vehicle Dept. parking lot, N.E. 60th and Glisan; or Zig Zag Ranger Station 9:00. Annie will lead us on a long hike with more than 2000 feet of elevation to gain and lose.

Sat. Sept. 15 -- Mt. Adams Area. Keith Chamberlain, leader. Meet 8:15 at Motor Vehicle Dept. parking lot (see above); or 9:30 at Hood River Inn.

Sat. Sept. 22 -- Cox Island. John Hoffnagle, guest leader, land steward for The Nature Conservancy; arrangements for this amphibious trip by Kitsy Snouffer, 246-6572. Meet 7:30 in the K-Mart parking lot reached via the Tualatin exit I-5; or 11:00 near the store in Cushman, three miles east of Florence. Distance from Portland is about 170 miles.

This TNC preserve of 187 acres lies in the Siuslaw River estuary. Salt marshes and mudflats laced with tidal channels surround a few acres of Sitka spruce and the long-abandoned Cox house built in 1902. Bring waterproof boots.

Please advise Kitsy of your plans to attend. She has to know how many boats we need and how many volunteer boat-handlers will step forward.

Sat. Sept. 29 -- Divide Trail. Roger Yerke leader. Meet 8:15 in the State Motor Vehicle Dept. parking lot N.E. 60th and Glisan; or 10:00 at Robin Hood Forest Camp on Highway 35. Hike six miles round trip. Access involves eight miles of rough road.

This little-known trail in the Badger Creek roadless area was billed in an Oregonian article by Ken and Ruth Love as offering stunning views and some of the finest natural gardens in the state.

Sat. Oct. 6 -- Tillamook Bay Area. Dr. Janet Hohn, leader. Meet 8:15 in the OMSI parking lot; or at 10:00 in front of the Pioneer Museum in Tillamook at Second St. and Pacific Avenue. Bring waterproof boots as well as something to hike in.

SISKIYOU CHAPTER

Meetings:

Sat. Sept. 15 -- Annual Siskiyou Chapter Picnic. 3:00 p.m. at the Cotton Memorial Picnic Area, Lithia Park, Ashland. Bring a covered dish and your own plates and table service. Beverage provided. First regular meeting of the autumn will be Oct. 4.

Field Trips:

Sat. Sept. 8 -- Hirshberger Area on the Rogue-Umpqua divide. Cindy Cripps, leader, works at the U.S. Forest Service Visitor Information Center at Union Creek. Meet 8:00 a.m. Ashland Bi-Mart; 8:30 Medford K-Mart; 10:00 USFS Information Center at Union Creek.

Sat. Oct. 6 -- Mares Eggs Springs and Collier State Park.

BLUE MOUNTAIN CHAPTER

Field Trip:

Sat. - Sun. Sept. 8-9 -- Lostine River, overnight camp out and hike. We will have some flower stops along the river and short walks for those who don't want to hike. Bring an easy lunch and something for a Saturday night pot luck. Leave BMCC Parking Lot 9:00 a.m. Saturday morning. If you have any questions, contact Maxine Brown, 276-3872.

FIELD TRIP REPORTS

SISKIYOU CHAPTER

Sat. July 21 -- Chapter members enjoyed a trip to Babyfoot Lake, located in the Kalmiopsis Wilderness Area. Field Trip Chairman, Gil Plunkett, planned and led the trip to this scenic mountain lake. Most of the species noted were at elevations lower than the lake. These included: Ceanothus cordulatus, C. pumilus, C. velutinus, Chamaecyparis lawsoniana, Chimaphila menziesii, C. umbellata, Goodyera oblongifolia, Lilium bolanderi, L. vollmeri, Luina hypoleuca, Mimulus cardinalis, Picea breweriana, Pinus attenuata, P. jeffreyi, Pterospora andromedia, Pyrola picta, Pyrola picta forma aphylla, P. secunda. Several Sarcodes sanguinea plants were observed in the fruiting stage.

Sat. Aug. 4 -- Eleven Siskiyou Chapter members and guests visited the Castle Crest Wildflower area and other locations in Crater Lake National Park. This trip was chosen over the scheduled Sphagnum Bog trip because the leader, Buff Lawrence, was not available and access to the Bog was rather difficult. Gil Plunkett planned and led the trip which was very rewarding and enjoyed by all. More than 60 plants were observed and identified. Some of these were: Habenaria dilatata, Polygonum shastense, Sorbus sitchensis, Pinus contorta, Ligusticum grayi, Valeriana sitchensis, Antennaria alpina, Veratrum viride, Mimulus primuloides, M. nanus, Senecio triangularis, Castilleja payneae, Penstemon rupicola, Polemonium californicum, Luetkea pectinata, and Lonicera involucrata.

Gordon Larum

PORTLAND CHAPTER

Sat. June 30 -- Ten stalwart individuals who hiked the Ramona Falls trail in the rain were justly rewarded with an abundance of flora. The lovely Rhododendron macrophyllum welcomed us in the open woods near the trail head. In the deep woods at the creek's edge we found Habenaria saccata sharing space with Montia sibirica and Tolmiea menziesii. Large patches of the lacy oak fern, Gymnocarpium dryopteris, were growing along the bank.

Most noteworthy find was Listera cordata and Listera caurina growing side by side in a lush moss carpet. Another plus on this trip was the large groups of Corallorhiza striata and one lone Corallorhiza maculata.

At least 20 additional species were identified on the trip. We returned to our cars wet and cold but happy after another rewarding trip botanizing.

Esther Kennedy

EMERALD CHAPTER

Sat. July 21 -- Threatening skies made the addition of jackets seem desirable on our Blair Lake Field Trip. Since formation of the chapter was too recent to allow for much publicity, the co-leaders of this trip out-number our one follower. Undeterred, we started and were rewarded with a delightful trip. The sky cleared, the day became warm, and we found Blair Lake and meadow at peak flower. More orchids than I remember seeing elsewhere (Habenaria dilatata and H. saccata), masses of Dodecatheon jeffreyi, and around the higher, drier rim of the meadow, a lot of Ipomopsis (Gilia) aggregata and Lilium columbianum. We noted approximately 75 species, and a more leisurely and intensive search would at least double the count. This area is fully as interesting in its way as Iron Mountain and definitely a trip to be repeated in the future.

Kenneth Hixson, Charlene Simpson, Harold Dunn

Sat. July 28 -- Twenty-one people turned out for a beautiful day mushing through Quaking Aspen Swamp Botanical Area. Over 60 species in bloom were identified and many more recognized although not flowering. Among the more interesting plants seen were Orobanche fasciculata, Galium trifidum, both species of Drosera, Lycopodium inundatum, Apargidium boreale, and Oxypolis occidentale. The last mentioned was the prize of the day, since it seems not to have been found north of Douglas County before, and none of the floras list it from north of Crater Lake.

Dave Wagner

Sat. Aug. 11 -- Three people hiked 9 miles of trail north of Santiam Pass on a sunny day. The season was late and the woods were dry, but the lack of mosquitoes made flower watching enjoyable. Somewhat more than 30 different flowers were out on the slopes and ridge tops, with the Penstemons and composites providing most of the color. A moist spot had an orchid we thought was Habenaria hyperborea. The discovery of a rare liverwort, hitherto known only from a spot south of the Three Sisters, topped off the day.

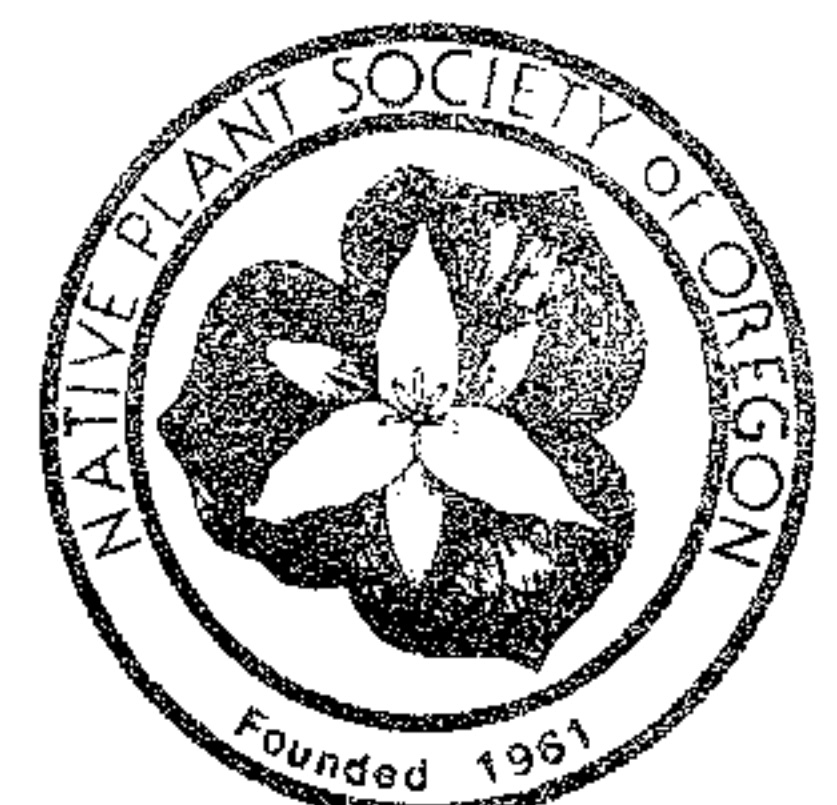
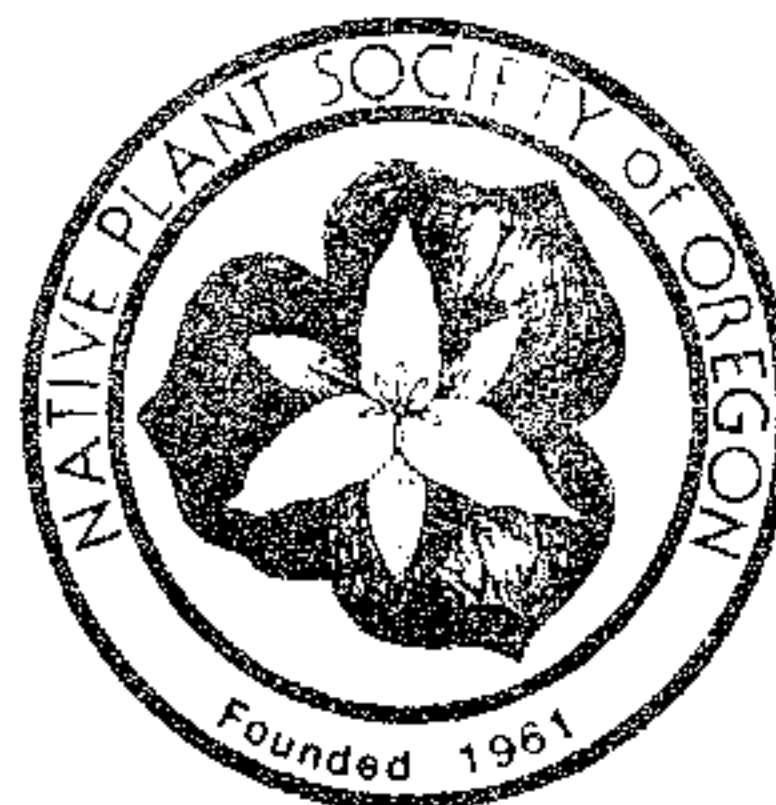
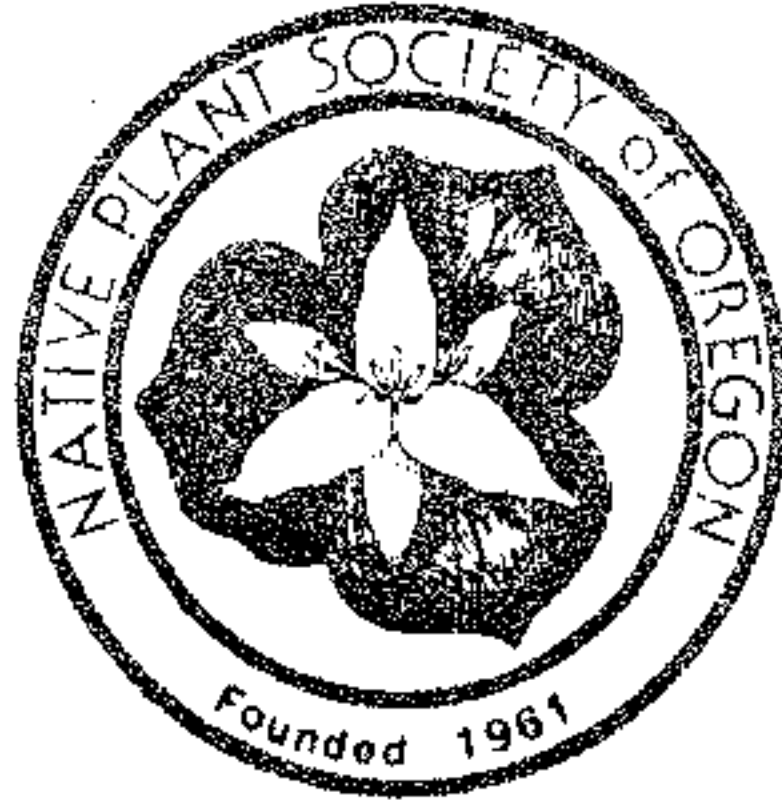
Dave Wagner

WELCOME TO NEW MEMBERS

- Blue Mountain Chapter
Mike & Sue Adams, Umatilla
Evelyn Hodgen, Pendleton
Louise Moore, Umatilla
- Mid-Columbia Chapter
Carroll and Lorraine Davis, Hood River
Mary Struck, Mt. Hood
- Portland Chapter
Willetta Asbjarnsen, Gresham
Sharon McCartney, Tigard
Jeanne Miller, Beaverton
Wayne Rifer, Portland
- Siskiyou Chapter
Julian and Connie Battaile, Ashland
Vaughn Bernet, Ashland
Robertson Collins, Jacksonville
Gerald and Stephanie Helling, Medford
Edward and Georgia Scott, Jacksonville

-- JEAN L. DAVIS --

Jean Davis of Mehama died August 5 in Bend. She was a member of the Willamette Valley Chapter from its beginning and a State member before that. Her husband has requested that contributions to the Native Plant Society of Oregon be given in lieu of flowers.

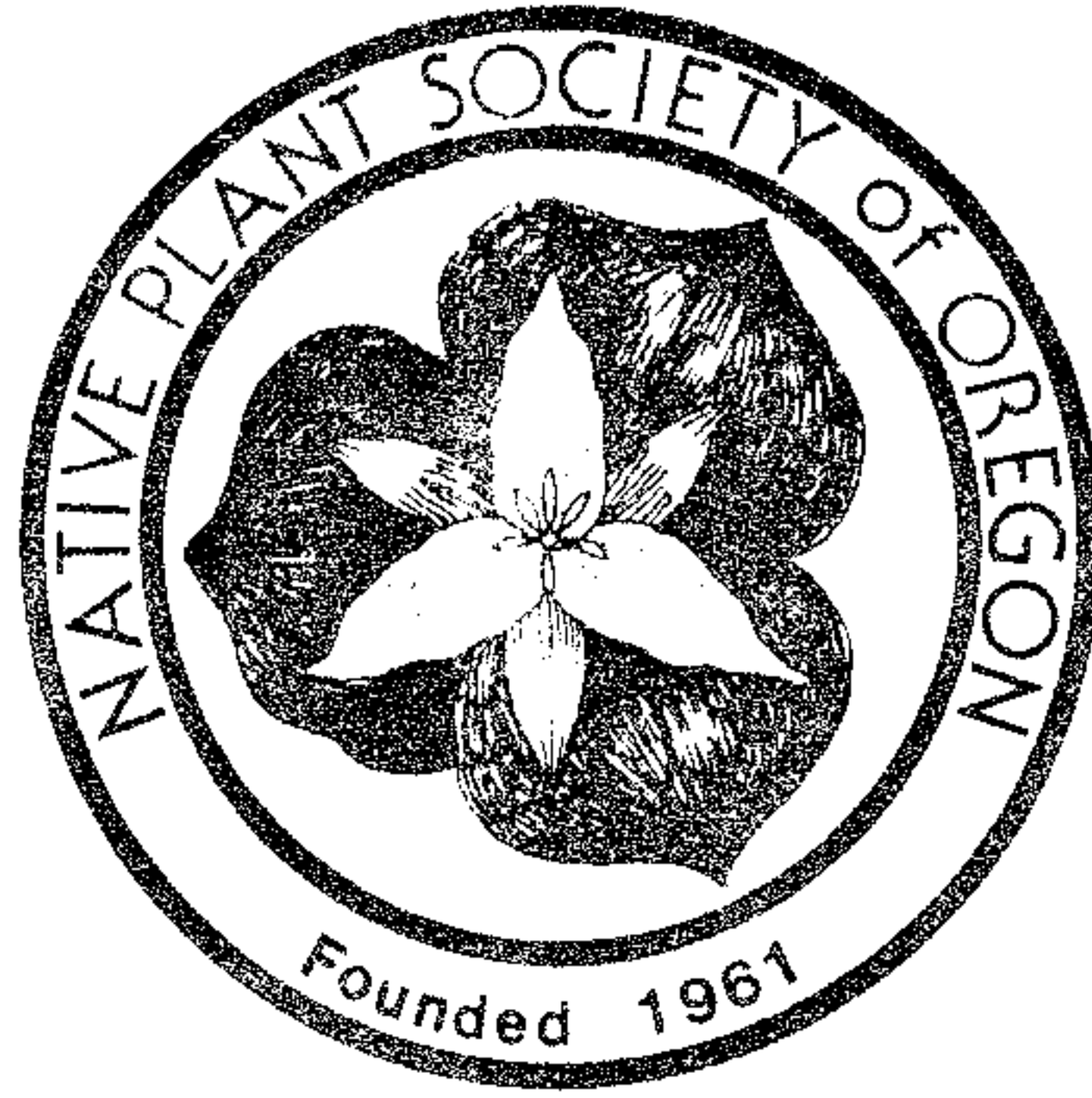


The Board of Directors Meeting in Eugene July 29th 1979 approved submission to the membership of two changes in the By-laws of the society. According to Article X - Amendments, our By Laws can be amended by approval of 2/3 of those voting by mail ballot provided that the amendments are printed in the Bulletin and that the ballots are not counted until at least one month after publication.

The following represents publication of proposed amendments and will serve as the ballot. Ballots will not be counted until after October 1, 1979. The directors feel that these changes will result in simpler and improved operation of the society.

cut here and return to Frank A. Lang Dept. of Biology, Southern Oregon State College Ashland, OR 97520 Ballots will be counted after October 1, 1979.

- | | Approve | Not Approve |
|---|--------------------------|--------------------------|
| 1. Amendment. Article VIII, Section 3.
The term of office of the chapter members will conform to the time schedule of the state officers. <u>Comment:</u> The purpose is to make terms of office uniform for state and chapter officers. This would also facilitate printing the roster after April 1 which is the deadline for paying dues. | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Amendment. Article VI. Section 1.
The immediate past-president of the NPSO shall serve as an ex-officio member of the Board of Directors for one year following his/her presidency. <u>Comment:</u> The advice of the past president would be of considerable benefit to the board of directors. | <input type="checkbox"/> | <input type="checkbox"/> |



The Editors
Native Plant Society of Oregon
Department of Biology
Southern Oregon State College
Ashland, Oregon 97520

NATIVE PLANT SOCIETY OF OREGON

President: Dr. Frank Lang, Southern Oregon State College, Ashland, 97520. Phone 482-6341.
Vice-President: Dr. Herb Armentrout, 20060 SE HiWay 224, Clackamas, 97015. Phone 658-2751.
Secretary: *Mary Jane Fredricks, 4436 NW Barnes Rd. Portland, 97210. Phone 278-4891*
Treasurer: Charlene Holzwarth, 2524 N.E. 34th Ave., Portland, 97212. Phone 284-3444.
Board of Directors: Ingeborg Day, Joan Fosback, Veva Stansell, Dave Garcia, Dave Wagner, George Lewis.
NPSO Bulletin Editors: Vern Crawford and Dr. Frank Lang.

CHAPTER PRESIDENTS

Blue Mountain: Harry Oswald, Box 459, Pendleton, 9780a. Phone 276-1241
Emerald: Dr. Dave Wagner, 3315 Onyx St., Eugene, 97405. Phone 683-2609.
Mid-Columbia: Keith Chamberlain, Box 151, Mosier, 97040. Phone 478-3314.
Portland: Vance Terrall, MD, 3248 N.E. Thompson St., Portland, 97212. Phone 281-2119.
Siskiyou: Gordon Larum, 417 Garfield St., Medford, 97501. Phone 772-1685.
Willamette Valley: Mary Falconer, 1920 Engel Ave., N.W., Salem, 97304. Phone 585-9419.

For change of address or information on membership, contact your nearest chapter or Mary Falconer, 1920 Engel Ave., N.W., Salem, 97304.

Contributions to the NPSO Bulletin or non-delivery notice should be sent to: the Editors, Native Plant Society of Oregon, Department of Biology, Southern Oregon State College, Ashland, 97520.

The NPSO Bulletin is published monthly by the Native Plant Society of Oregon incorporated under the laws of the State of Oregon. You are invited to join. Membership includes Bulletin subscription.

Others are welcome to use material from the NPSO Bulletin. Courtesy pleads, however, that credit be given to the author and to the Bulletin.