

THE BULLETIN OF THE  
**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.

VOLUME XVI No. 4

APRIL 1983

REGISTER FOR ANNUAL MEETING - USE GOLD INSERT

NPSO ANNUAL MEETING

The annual meeting of the Native Plant Society of Oregon will be held May 14, 1983, on the University of Oregon campus with Emerald Chapter as host. All reservations must be in by April 29, 1983. No refund will be made after this date. Checks made payable to Emerald Chapter, NPSO, must accompany reservations. Reservations will be confirmed. Minimum lodging reservation is bed and breakfast. Minimum meal only reservation would include the annual meeting dinner Saturday at 6:00 p.m. at \$5 per person. Use the enclosed form for lodging and/or meal reservation and send to:

Juanita Manley  
2550 Warren Street  
Eugene, Oregon 97405  
Phone: (503) 484-1704

Lodging:

Lodging will be in Moore Hall/Bean Complex on the University of Oregon campus at the corner of 15th and Moss Streets. Park in the Bean Complex Parking Lot, across the street. A campus map will be sent to you when your reservation is confirmed. Register and pick up materials, meal tickets, and trip schedules from 5-10 p.m. Friday, May 13, or from 8-10 a.m., Saturday, May 14. Best access to the UO dormitory area is from I-5 to Franklin Blvd., which borders the campus to the north. Enter the campus via Agate Street.

Housing is co-educational. Rooms are single occupancy or double occupancy. Beds already made up on arrival. Linen is furnished. Daily towel service. SLEEPING BAGS NOT PERMITTED! Community bath and shower down the hall.

Meal Service:

Meals and sack lunch pickup will be in Hamilton Dining Center, a short walk from the lodging area. Breakfast is cafeteria style, all you can eat with vegetarian items included on the menu. Pre-ordered sack lunches will be picked up at breakfast. Indicate vegetarian or non-vegetarian. Bring your own lunch beverage. It will not be a part of the sack lunch. Some field trips will be at locations without water.

Dinner will be buffet style, with both vegetarian and non-vegetarian entrees. It will be held in the Burgess Collier Dining Room/Hamilton Complex. For those attending only the dinner, annual meeting and program, park in the Oregon Hall Parking Lot, corner of 13th and Agate Streets, and enter the UO dormitory area at 13th and Columbia Streets. Dinner is at 6:00 p.m. with meeting and program to follow in the Bean East Conference Room, Bean Complex.

NPSO ANNUAL MEETING: SCHEDULE

Friday, May 13. Registration 5-10 p.m. Lodging for early arrivals.  
Saturday, May 14. Breakfast 6:45 a.m. Registration 8-10 a.m. Field trips (a choice):  
9:00 a.m. Mt Baldy in the Coburg Hills, led by Herm Fitz.  
9:00 a.m. Lane County Coast, led by Alan Curtis and Mike Kaminski.  
9:00 a.m. Finley Wildlife Refuge, led by Robert Meinke.  
11:00 a.m. Spencers Butte, led by Rhoda Love.  
3:00 p.m. Willow Creek Wetlands, led by Jimmy Kagan.  
see pages 2-4 for descriptions of field trips.  
6:00 p.m. Buffet dinner followed by the Annual Meeting and program speaker, Dr. Franklin "Herm" Fitz.  
Sunday, May 15. Breakfast 8-11 a.m.  
9-12 noon. Board Meeting. U of O campus.  
10:00 a.m. to 3:00 p.m. Mt. Pisgah Wildflower Gala.

NPSO ANNUAL MEETING SPEAKER SELECTED

Dr. Franklin "Herm" Fitz, Head of the Science Department at McKenzie River High School and long time NPSO member, will be the featured speaker at the NPSO Annual Meeting. He will talk about the McKenzie Valley flora, especially its unusual habitats and unusual plants and relate these to adjacent floras to the south, east, north and even coastal. Using the "Xeric" island concept, Herm says we're in for some unexpected surprises. He's found some disjunct populations probably relict from former widespread ranges. His title: "THE MCKENZIE RIVER VALLEY: A floral ecotone punctuated with a relict archipelago of xeric islands in a sea of mesic coniferous forest."

MT. PISGAH ARBORETUM WILDFLOWER GALA

Freeman Rowe, Lane Community College botany instructor, and his students will collect and label over 300 fresh, living specimens of native Lane County wildflowers and will exhibit them in the Arboretum's Quonset hut.

Guides will lead tours along the arboretum trails or use self-guiding maps and educational literature and walk the trails without assist.

Emerald Chapter members will be at the Arboretum to host, but the whole day follows an open house format. Car pooling will leave a U of O parking lot at 10:00 a.m. for the 7 mile drive with an Emerald Chapter car in the lead.

OPEN GARDEN INVITATION

Ken and Robin Lodewick, Emerald Chapter members, extend an invitation to State NPSO visitors to view their garden at 2526 University Street. Their phone number is 344-6533. Open garden will be Friday, May 13, at 7:00 p.m. and Saturday, May 14, at 9:00 a.m. The Lodewicks have written a Field Guide to the genus Penstemon. Their garden shows many native penstemons and other native plants.

The NPSO will be awarding a scholarship to a worthy student in an Oregon college, with their major study in plant systematics or plant ecology. The scholarship is in the amount of \$1,000, and is to be used toward the student's tuition within the following academic year. Deadline for applications is April 1, 1983. The award will be made by May 1, 1983.

Donations to the scholarship fund are tax deductible and would be welcome at any time. All interest earned from the donations will be apportioned out to as many scholarships as possible in the spring of each year, at \$1,000 each. Any communication in regard to this fund should be addressed to Mary Falconer, Committee Chairman, 1920 Engel Ave. NW, Salem, OR 97304. (See the March Bulletin for the application rules.)

Following is the biography of one of the 1982 award recipients, Ruth Hendrickson. The NPSO is pleased to help deserving and outstanding students such as Ruth with their botanical careers.

RUTH G. HENDRICKSON  
NPSO Jean Davis Memorial Scholarship Recipient  
1982.

I was born in Connecticut, and from the age of five have lived in Newtown, CT. In school I was active in the Girl Scouts, and the school bands. My hobbies have included hiking, bicycling, boating, gardening, skiing, reading, and sewing. I was a member of the National Honor Society. I graduated high school a year ahead of my class, at the age of 16.

I began college at Colorado Women's College in Denver, Colorado. There, I was a member of the Biology Club, the Wilderness Experience Club, vice-president of my dormitory, and president of SPURS. I took my first class in plant taxonomy while there. But then the school developed financial and political problems, so at the end of my sophomore year I transferred to Pacific University in Forest Grove, Oregon.

Here I have continued my studies in biology, developing an emphasis in botanical work. As my junior Honors Program research I did a taxonomic survey of the Rockaway Relic Old Growth Cedar Swamp (owned by The Nature Conservancy). A literature search attempted at the beginning of this project failed to find any comparable work published. For my senior Honors Program research I am doing a karyotype analysis of Erythronium revolutum (Smith) using mitotic root tip material. This plant, the Coast Fawn Lily, is designated "sensitive" by the Forest Service, and was the subject of several studies backed by the Forest Service recently. As senior research projects I have done a seed and corm germination study on E. revolutum, and will be doing a karyotypic study on Rhododendron occidentale (Gray), the Western Azalea, using meiotic bud material and experimenting with a technique for mitotic shoot apex material, during April and May. I will be graduating with a Bachelor of Science degree in Biology on May 15, summa cum laude.

Next fall I will be attending graduate school at Colorado State University, in the Department of Botany and Plant Pathology. I will be serving as a graduate teaching assistant while pursuing my studies in biosystematics, cytogenetics, and possibly pollination ecology. My plans after completing graduate school are to work doing botanical research in such areas as evolutionary relationships and ecological interactions, to increase the knowledge of the flora around us.

Approximately 400 species of wildflowers from southwest Oregon will be displayed at the Glide Wildflower Show in the Glide Community Building Saturday and Sunday, April 23-24, from 8:00 a.m. to 5:00 p.m. Special time is allotted to photographers 8:00 to 10:00 a.m. each day. This annual event is sponsored by the Glide Community Club and attracts visitors from other states and communities.

There will be other feature exhibits, photo displays and a slide show. A plant list is for sale. Home cooked food is available at the show. Several camp and picnic facilities are in the Glide area. Motels are in Roseburg. For those who have the time, additional nature drive/walk opportunities are near.

For the show, in-season specimens are collected from Douglas, Coos, Curry, Josephine and Jackson counties. This area includes the drainages of the Rogue and Umpqua Rivers, the middle and southern Cascades, Coast Range, Klamath and Siskiyou Mountains. To get to the show, take I-5 to Roseburg, go east on Highway 138 twenty miles to Glide. For further information, contact the show Chairwoman, Mary (Mrs. I.L.) Powell, (503) 673-8658.

Naoma Neyerlin  
NPSO member, Ashland Chapter



ANNUAL MEETING FIELD TRIPS

Following are descriptions of the 1983 Annual Meeting field trips. Participants on the two local field trips (Spencers Butte and Willow Creek) can do both the same day. Please indicate your field trip preference (1st and 2nd choices). Because the trips may be limited in number to prevent habitat destruction, PLEASE REGISTER FOR THE ANNUAL MEETING EVEN IF YOU ONLY PLAN ON PARTICIPATING IN THE FIELD TRIPS. This will insure your space on the trip of your choice. All registrations will be confirmed. Use gold insert registration form.

MT. BALDY FIELD TRIP

Mt. Baldy, in the Coburg Hills just north of Springfield, is a gently rounded grassy peak standing above lower hillside meadows and pastures, mixed with savannah-like stands of Garry oak, Douglas fir, bigleaf maple, and occasional Oregon ash. Varied shrubbery is here, including Indian plum, scotch broom, poison oak, Himalaya berry, wild rose, and others. Unique habitats occur also on the mountain: rocky outcrop, moist seep, swamp, creekside bank, shady forest. Beginning with a slightly inclined, easy-to-traverse meadow, the hike becomes steeper as the summit is approached. The final ascent of about 200 yards is rather steep and tiring, but if taken slowly offers no particular danger (there is an opportunity to split the group temporarily into two parties at this point - one going up, the other waiting below while botanizing an

continued on next page

interesting open meadow). The view from the top, which takes in the entire southern Willamette Valley, is spectacular: one can easily see all of the Eugene-Springfield metropolitan area, the Thurston Hills, the lower McKenzie River and Mohawk River and associated valleys, the Willamette River, Mt. Pisgah, Spencer's Butte, Skinner's Butte, Fern Ridge Reservoir, Mt. June, Mt. Nebo, the Coast Range, and, if clear, some high Cascade peaks. We will see about 100 species of vascular plants, many of them in bloom at the time. Some of the very special plants to be found are the very rare timwort (Microcala quadrangularis), a tiny annual member of the Gentian Family, the unusual Hooker's campion (Silene hookeri), with large, bright magenta flowers, the coastal wood fern (Dryopteris arguta), wild onion (Allium amplexans), bog lotus (Lotus pinnatus), hyacinth brodiaea (Brodiaea hyacinthina), several interesting Trifolium, to mention a few.

The entire hike is about 3 miles round trip, but takes from 5 to 6 hours from the trailhead, which is about 1/2 hour from the Eugene meeting place. It is a full day. Hikers should bring ample lunch and water (no available water on hike), in addition to the usual hand lens, notebook and pencil, camera, hiking boots, windbreaker, and rain gear if the weather looks spotty. This hike is rated overall moderate, though easy at first, and at the very top becoming difficult for a short time.

#### WM. FINLEY NATIONAL WILDLIFE REFUGE FIELD TRIP

The spring of 1983 looks to be an early one in Oregon, and the Willamette Valley is sure to be in peak bloom by mid-May. The William Finley Wildlife Refuge harbors the largest remaining untouched stands of native Willamette Valley grasslands and should be an excellent location to do some serious late spring botanizing. Lomatium bradshawii, perhaps one of Oregon's most endangered taxa, will be in fruit but still readily identifiable. One of our most photogenic rarities, Delphinium pavonaceum, should be in full bloom and is well represented on the refuge. Of the three species of Sidalcea native to the Finley Refuge, two are considered threatened or endangered. Sidalcea compestris is locally abundant and provides for showy displays.

Sidalcea nelsoniana was formerly known from much of northwestern Oregon, but today is restricted to areas near Corvallis, with nearly all of its few remaining populations isolated within the relatively safe confines of the Finley Refuge. This is a beautiful species with striking red petals, unusually small for a Sidalcea. We will have a chance to compare the subtle differences in habitat requirements for these Sidalcea species and to speculate on the factors contributing to their endangerment. One of only two tiny known populations of Erigeron decumbens var. decumbens occurs along a muddy creek with Lomatium bradshawii and Sidalcea nelsonii in the central part of the refuge. If we're lucky it may be blooming by May. Aside from these rare wildflowers are numerous other native plants which are today represented in western Oregon nowhere as well as on the Finley Refuge. Bring camera, lunch, hand lens and flora (if you have them) and meet at the Refuge Headquarters parking lot (just follow the signs).

#### SPENCER'S BUTTE (elev.2065') FIELD TRIP

Location: 5 miles south of Eugene City Center on South Willamette Street

Status: Eugene City Park (since 1938)

Facilities: Parking area, improved trail to the summit, lavatories near the parking lot, running water, picnic area

Statistics: Summit elevation 2065' (629 m)

Ecocystems: Primarily Douglas fir forest (mostly 140 years old); rich understory, some open meadows; rocky summit. Some poison oak

Length of hike: Approximately 2 miles round trip to summit and back. Time to summit approximately 1-1 1/2 hours. Elevation gain approximately 1,300' Moderately strenuous. Boots advised. Carry water

Highlights: Calypso bulbosa, some rare ferns and club mosses, lovely wildflowers, fine views from the summit. Bring binoculars. (Rattlesnakes reported on the summit - seldom seen)

Plant lists available: Partial list of species of vascular plants available; also historical list by Louis F. Henderson, c. 1934

History: Regularly burned by the Kalapuya Indians; most of the forest is of post-settlement age (< 140 years old) Some patches of forest on the north and east are older.\* Some grazing by sheep, goats until recently. (Eugene first settled 1846) Scheduled to be logged in 1938 it was saved by being declared a city park.\*

\*See Lawrence and Bettman, 1982, The Green Guide - Eugene's Natural Landscape, Northwest Working Press, Eugene, Oregon.

#### WILLOW CREEK FIELD TRIP

On this trip, we will visit a remnant of Willamette Valley wet grassland. Much of the site may be a series of puddles, so be prepared, but Willow Creek provides the opportunity to see a number of common and unusual Willamette Valley wildflowers. Blooming plants should include Willamette Valley endemics such as Willamette Valley bitter-cress (Cardamine penduliflora) and Bradshaw's desert parsley (Lomatium bradshawii), as well as lovely spring-blooming meadow flowers like camas (Camassia quamash), death camas (Zygadenus venenosus) and grass widows (Sisyrinchium augustifolium). The trip will include a walk through prairie and Oregon ash habitats.

#### LANE COUNTY COAST FIELD TRIP

A field trip to the Lane County coast will offer opportunities to botanize road and park waysides accessible by car and beaches and deflation plains accessible only by hiking in. Those who choose not to participate in the hike portions will still find ample botanizing at the outlet of the Siltcoos River while awaiting the return of hikers.

continued on next page

The coast trip will depart Eugene at 9:00 a.m. for the 1½ hour trip to Florence, with a short detour at milepost #28 to view Epipactis gigantea, the chatterbox or stream orchid. The detour road along Wild Cat Creek parallels a dripping wet bank abundant with monkey flowers, plectritis, saxifrage, iris, gilia, and fox glove. Nearby forest areas abound with fairy bells and lanterns, oxalis, violets, wild ginger, fringe cups, youth-on-age, salmon berry and huckleberry.

Next stop will be Darlingtonia Wayside, 4 miles north of Florence, to walk among the insectivorous pitcher plants in a 16-acre public preserve. Their spectacular nodding flowers should be showing by this time. Across Highway 101 we'll visit Sutton Campground and walk on an elevated bridge over a sphagnum bog with deer fern, labrador tea, skunk cabbage, and learn of the vegetative succession which is crowding out the bog. There, too, we hope to see the small ground cone, Boschniakia hookeri, parasitic on salal, Gaultheria shallon.

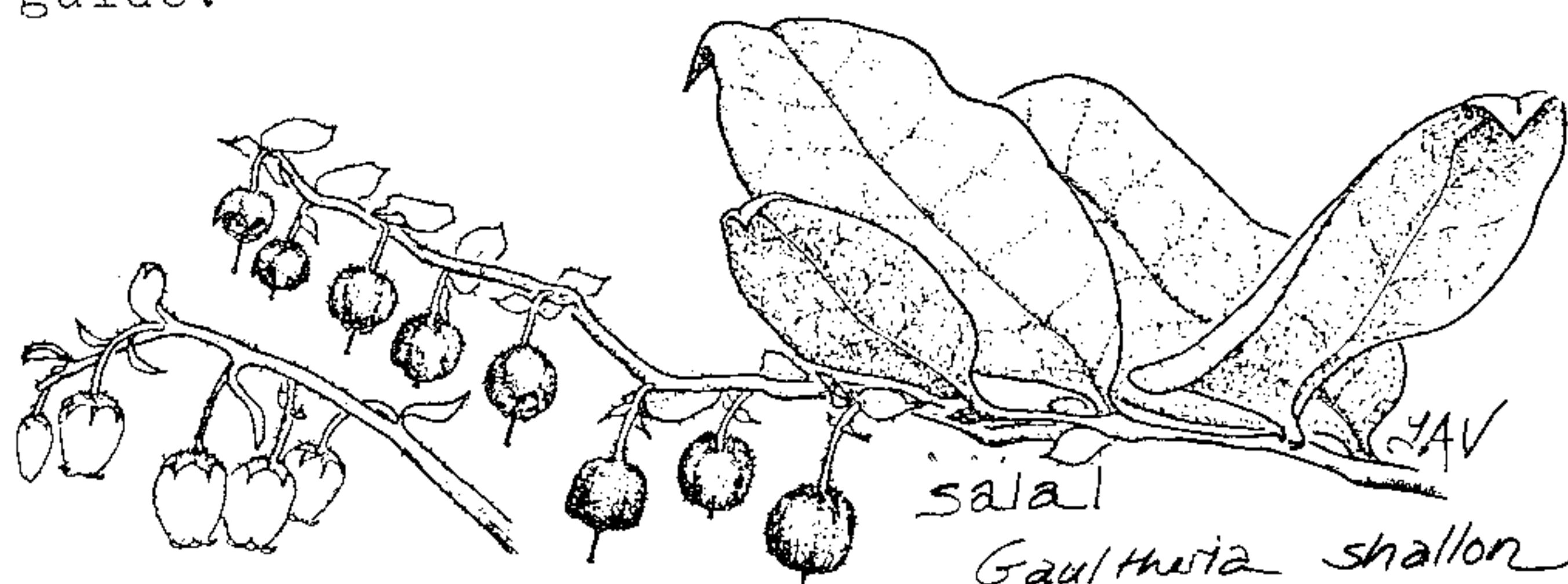
By car we'll caravan to Wax Myrtle Campground at the Siltcoos outlet, approximately 3 miles south of Florence. Rhododendrons flank the roads along with the yellow blaze of scotch broom, salmon pink salal and snow-white dogwood.

Less energetic participants may botanize along Siltcoos River as it meanders to the sea, in sedge bogs, in coast pine and huckleberry thickets. Bring binoculars. There'll be plenty of opportunity for birding.

More energetic participants will hike along the beach, over foredunes, and drop on to a deflation plain. Some of the more interesting plants to be seen are Sisyrinchium californicum, golden-eyed grass; Spiranthes romanzoffiana, twisted ladies' tresses; Epipactis gigantea, stream orchid; grape fern, Botrychium multifidum subsp. silaifolium; and a host of others. The entire hike is about 3 miles round trip.

The coast trip is a full day. Bring lunch and beverage, windbreaker, water proofed boots, and rain gear as indicated.

Participants will find Wiedeman, Dennis, and Smith, Plants of the Oregon Coastal Dunes, USO Bookstore, Corvallis, Or., 1969, a useful field guide.



CHAPTER BY-LAWS ANNOUNCEMENT

Since I have heard no contrary comment from our Board members by the March 1, 1983, deadline, I hereby announce that the Chapter By-Laws of Willamette Valley and Emerald Chapters of the Native Plant Society of Oregon have been accepted by the State Board. Other chapters should begin this process. Please keep me informed of your progress.

Rhoda M. Love, President

CORVALLIS CHAPTER

Meeting:

Thursday, April 21, 7:30 p.m. Carolyn Wright will talk on Wildflowers of South-eastern Oregon. Carolyn has worked for many years in the area that encompasses Steens Mt., Alvord Desert, Pueblos, and Trout Creek Mts. Come see the high desert flora slide show. We will meet in room 2082, Cordley Hall, Oregon State University.

Logo Contest:

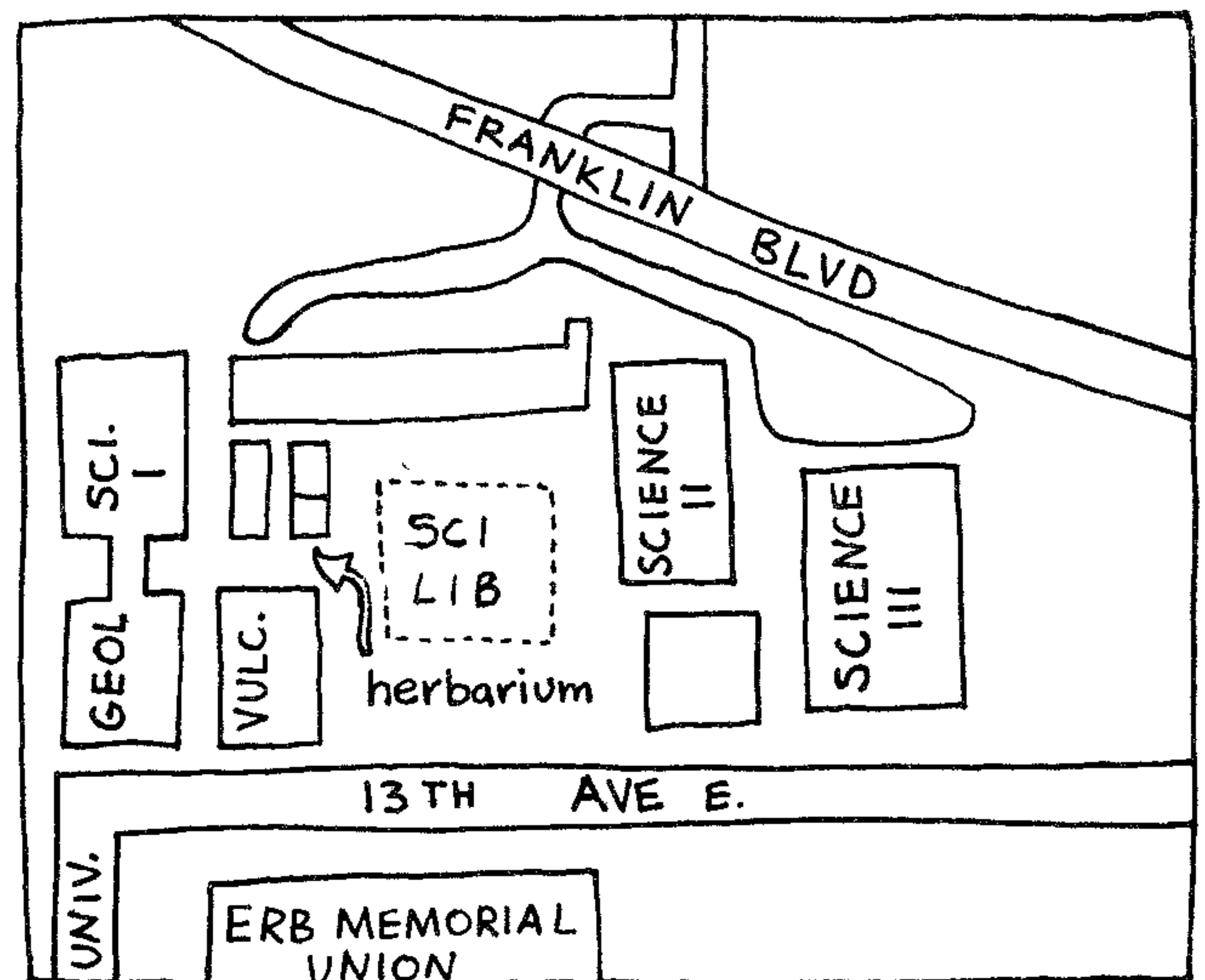
We are anxiously awaiting a logo design for our Chapter. Won't you take the time to submit a design of a native species in black and white media. Send entries to Cathy MacDonald, Department of Entomology, OSU, Corvallis, OR. 97330.

EMERALD CHAPTER

Meeting:

Monday, April 4, 7:15 p.m., at the Herbarium, located near the Science Library (underground; see dotted lines on map) on the U of O campus, Eugene. Daphne Stone, a doctoral student at the U of O will give a quick tour through the herbarium, with a taste of history and a look at how plant specimens are used. Parking is available on University and 13th Avenue.

Reminder: Please return your membership questionnaire if you have not done so. You may also bring your ballot for the state organization election to the herbarium.



HIGH DESERT CHAPTER

Meetings:

Tuesday, April 26, 7:30 p.m., Cascade Natural Gas. This is our chance to share the results of the July, 1981, field trip to Steens Mt. Everyone bring your best slides. We'll attempt to name any "unidentifiable" plants.

Tuesday, May 31, 7:30 p.m., COCC herbarium, 2nd floor of Modoc Hall. NOTE CHANGE IN MEETING PLACE. Harvey Waldron, botany instructor and curator, will demonstrate the workings of the COCC Herbarium.

PORTLAND CHAPTERMeeting:

April 12, 7:00 p.m. in the First United Methodist Church. The program is on Spring Edible Plants, presented by Sharon Blair who is a naturalist with BPA. (Sharon had this prepared for the February meeting but was unexpectedly called out of town so it has been rescheduled while it is still timely.)

Field Trips:

April 2. McCord Creek. Ruth Hansen, leader. Carpool 8:30 a.m. in the Dept. of Motor Vehicles parking lot, N.E. 60th & Glisan, or meet at the trailhead in John B. Yeon State Park at 9:30.

April 9. No trip scheduled.

April 16. Botanizing, with Doris Ashby and Esther Kennedy. Meet 8:00 a.m. in the DMV lot as above. Bring your Hitchcock and a hand lens for a day of field botany at a likely spot to be selected.

April 23. Cascade Head. Shep Wilson, leader. Carpool in the OMSI parking lot 8:00 a.m., or meet at the northern trailhead of The Nature Conservancy area at 10:00. Depart the coast highway #101 3.4 miles south of Neskowin on forest road #1861 (s-61) to find trailhead.

April 30. Mosier Area. Keith Chamberlain, leader. Carpool 8:30 in the DMV lot as above or meet near the Mosier exit off I-84 at 10:00. This is a joint trip with the Willamette Chapter.

May 7. Forman Point. Dr. John Hammond, leader. Carpool 8:00 a.m. in the DMV lot as above, or meet at the rest stop in Gov't. Camp at 9:15.

May 14. NPSO Annual Meeting. Your choice of five great field trips. What marvelous arrangements!

May 21. Smith Rocks. Glenn Walthall, leader. Carpool 7:00 a.m. at the DMV lot as above, or meet Glenn at Smith Rocks State Park parking lot at 10:00.

WILLAMETTE VALLEY CHAPTERMeeting:

April 18, Monday, 7:30 p.m. First Methodist Church, corner of Church and State Streets in downtown Salem. Workshop - How to photograph wildflowers. Bring your camera and accessory equipment.

Field Trips:

April 30, Saturday. Columbia River Gorge and Mosier with the Portland Chapter. Keith Chamberlain, leader, 478-3314. Meet at south end of Mosier at I-84 overpass at 10:00 a.m., or carpool in Salem at 7:00 a.m. at the South Salem K-Mart on Mission Street, northeast corner of parking lot.

Meetings:

April 14. Oregon's Great Basin: Wildflowers and cultural past. By Ginny Crosby, professional botanist from BLM, Lakeview District. She led our chapter on a wonderful field trip to Hart Mountain Antelope Refuge in 1980. Southeastern Oregon is an unknown area for a lot of us so you don't want to miss this unusual program. 7:30 p.m., Room 171 Science Bldg. Sosc.

May 12. Plants of the Wallowa Mt. Range. A Slide program by Joan Seevers, Medford District botanist, and Rick Pruz, forester. A rich sampling of the flora and unique habitat in the heavily glaciated Wallowa Mts. of northeast Oregon. 7:30 p.m., Room 171, Science Bldg. SOSC.

Workshop:

May 7. Threatened and Endangered Plants of Southwest Oregon. Joan Seevers, botanist for BLM, will help us familiarize ourselves with some of the many sensitive species found in the Siskiyou and the southern Cascades. We will focus on field characteristics, habitat preference, associated species and known locations. Slides, drawings and herbarium specimens will be used. 9:00 a.m. to noon, Room 171, Science Bldg., SOSC.

## ANNOUNCEMENT

From the Nature Conservancy:

April 16, 10:00 a.m. Trail Dedication Ceremony for the new public access to the Lower Table Rock Preserve in central Jackson County. The preserve is jointly managed by The Nature Conservancy and BLM. Following the dedication there will be a walk to the summit to see the wildflowers. The new trailhead is on Wheeler Rd., off Table Rock Rd. This access route has been a long awaited component of the Table Rock Preserve and will facilitate the large number of visitors that visit Table Rock each year. Call 488-2317 for details.

Field Trips:

April 23, Saturday, Lower Table Rock. Led by Mary Lou Schnoes and Shelly Tanquary. A joint field trip with the Audubon Society. Meet at Ashland's Bi-Mart at 7:00 a.m., and Medford's Thunderbird parking lot on Biddle Rd. at 7:30.

April 23 and 24. Two day field trip to the Glide Wildflower Show. Saturday at Glide. Saturday night campout. Sunday in the Little River area with Naoma Neyerlin. Carpool at Ashland's Bi-Mart at 8:00 a.m. and Medford's K-Mart parking lot at 8:30. Led by Naoma Neyerlin and Wayne Rolle. Contact phone: 482-0093.

April 29. (Arbor Day) Tour of Lithia Park woodland trail. Meet at duckpond 10:00. There may be noontime festivities afterward in the park. Copies of Lithia Park Woodland Trail Guide to Trees and Shrubs will be available from tour leader for about \$2.00. January Jennings, 482-8583.

GRASS COURSE TO HELP RANGE  
by Carolyn Roth

LAKEVIEW - Agrostology is not your ordinary garden variety word, but actually it is. It's the branch of botany that deals with grasses.

BLM's Lakeview district range conservationists are taking 16 hours of classes in the subject to help them identify the more than 75 species of grasses that grow in the Lakeview district.

District botanist Virginia Crosby, (NPSO member) developed an illustrated key which she uses in teaching the course.

One of her students, Mark Sherbourne, commented, "This will help us interpret our vegetation monitoring studies which show how livestock grazing affects the rangeland."

[from BLM News, Oregon and Washington, March 1983.]

PUBLICATIONS OF INTEREST

Wildflowers of the Columbia Gorge

The Portland Chapter has just published the 1983 edition of "Wildflowers and Flowering Shrubs of the Columbia Gorge." This 5th edition contains 66 new entries and a few corrections. A new map includes the full length of the Gorge from the Sandy River east to the Deschutes River. It also shows the north and south limits of the area under study. For a copy of this 25 page booklet, send \$2 to Virginia Diegel, 16415 NW Brugger Rd., Portland, OR 97229.

Herbarium News

A newsletter of various herbaria is available for \$5 per year from Herbarium News, Missouri Botanical Gardens, PO Box 299, St. Louis Missouri 63166.

Directory to Resources on Wildflower Propagation

Sullivan, G.A. & R. H. Daley, eds. 1981. National Council of State Garden Clubs, Inc. 4401 Magnolia Ave. St. Louis, Missouri 63110 (i-4) 1-331. Typescript photo-offset, paperback, \$2.00 for postage and handling, otherwise free. This is the first major step in the nationwide development of "Operation Wildflower," a nationwide project "aimed at highway beautification and public education about the native flora... This publication is the first effort on a national level to create a directory of people studying wildflower germination and propagation techniques."

A new book, New England's Rare, Threatened and Endangered Plants by Garrett E. Crow, is now available from the Government Printing Office (GPO). The fully illustrated, 129-page volume represents a 5-year cooperative effort involving the Service's Region 5, the New England Botanical Club's Endangered Species Committee, and the New Hampshire Agricultural Experiment Station (University of New Hampshire). Information is provided on 101 of the most rare plants in the northeast, including those that are federally listed, proposed for listing, and under review as candidates, along with others of national

significance. Accounts on the most vulnerable plants include information on physical characteristics, distribution in the northeast, habitat elements, flowering periods, threats, recommendations for conservation, and selected references. Twelve color plates are also included. The cost of the book is \$11.00, and it can be ordered from the Superintendent of Documents, GPO, Washington D.C. 20402 (stock number 024-010-00605-6).

Threatened and Endangered Plants of Colorado, a booklet describing those plants occurring within the State that are listed, candidates for listing, and of national concern, is now available from the Region 6 Endangered Species Office. Accounts on Colorado's five listed plants include general descriptions, line drawings and photographs, habitat information and other data. The booklet was published (August 1982) by the Service in cooperation with the Colorado Natural Areas Program and the Colorado Natural Heritage Inventory (CNHI), and was prepared by CNHI botanist J. Scott Peterson.

Wisconsin's Endangered Flora is now available from the Department of Natural Resources. It is a 48-page booklet describing the natural history, distribution and environmental threats to Wisconsin's 87 endangered and threatened plants. It also discusses the ecology of Wisconsin's major wild habitats: dunes, wetlands, cliffs, forest and prairie. Sixty color photographs and 32 original drawings highlight the beauty and diversity of these fragile wildflowers. To order send \$2.95 in check or money order to: Wisconsin's Endangered Flora, Department of Natural Resources, Box 7921, Madison, Wisconsin 53707.

The U.S. List of Endangered and Threatened Wildlife and Plants (50 CFR 17.11 and 17.12), reprinted January 1, 1982, is now available. Please request copies from the Office of Public Affairs - Publications, U.S. Fish and Wildlife Service, Washington, D.C. 20240.

EARLY USES OF SAGEBRUSH or WHAT YOU ALWAYS WANTED TO KNOW ABOUT SAGEBRUSH.

Artemisia tridentata Nutt., our most abundant, and most widely distributed species of sagebrush, was reported to be used extensively by the Klamath Indians in Oregon. In a June 9, 1897 issue of the U.S. National Herbarium, Frederick V. Coville published his notes on the plants used by the Klamath Indians.

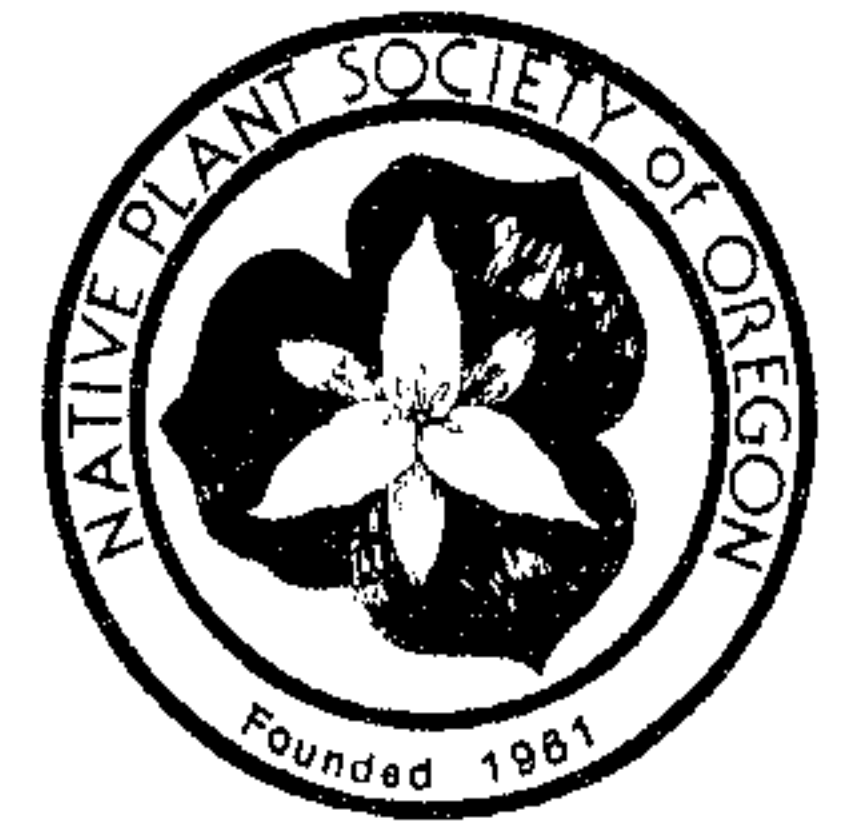
Coville, an early USDA botanist, reported several medicinal uses--a decoction of the herbage was taken internally to check diarrhea, externally as an eyewash, while the mashed herbage was used as a substitute for linament.

Small dead stems of sage were used as twirling sticks to produce fire on wood by friction, and was the most widely used and satisfactory wood for the purpose. Away from the timber, sagebrush was a universal fuel in that region for the Klamaths and early whiteman. Short trunks of up to four inches in diameter kindles easily due to its loose stringy bark, and produces fairly good coals.

The Klamath names for sagebrush were ghat and dol-whe.



# NATIVE PLANT SOCIETY OF OREGON

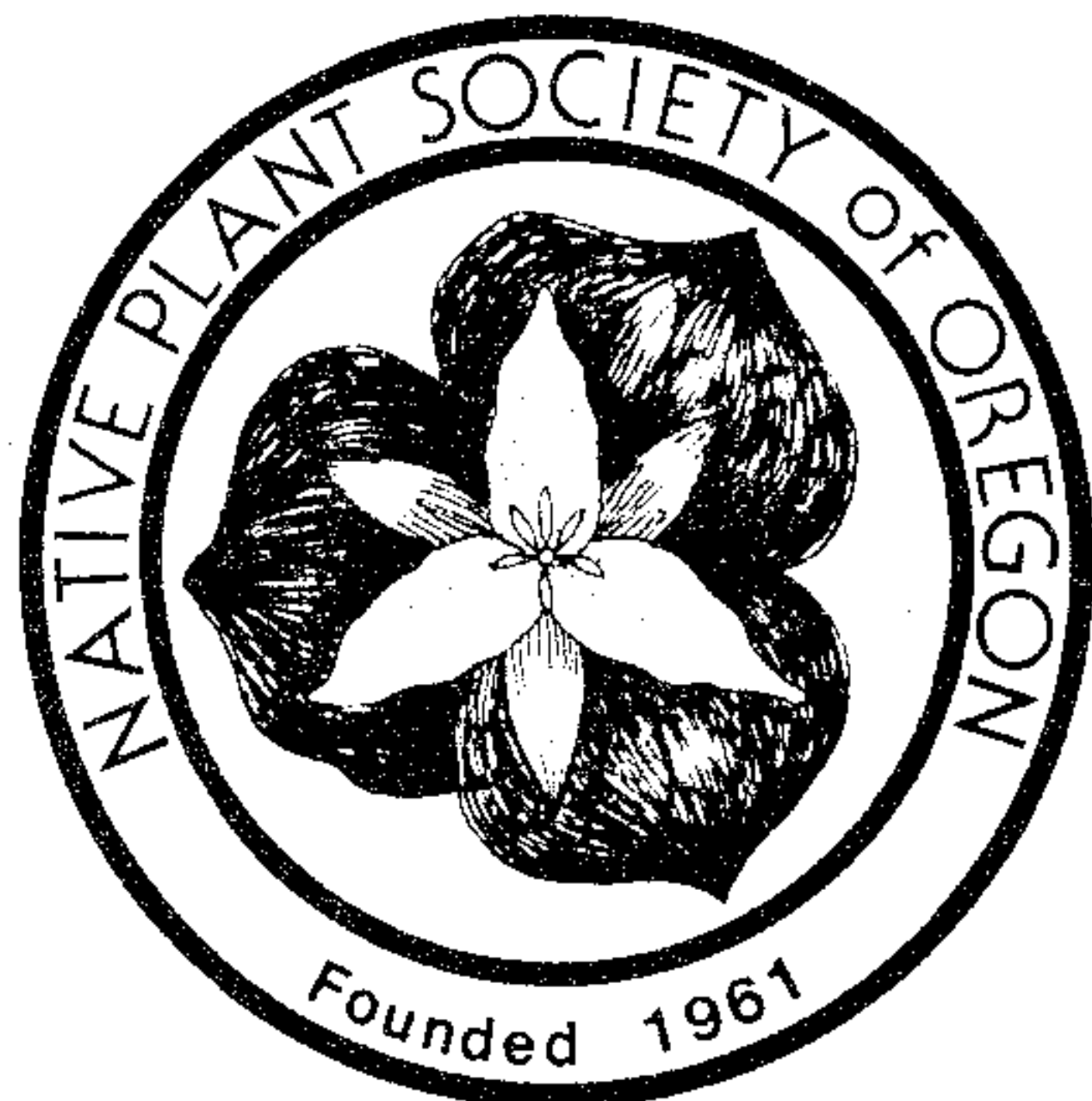


## LIST OF RECOMMENDED BOOKS REVISED 1983

Compiled by Veva Stansell and Linda Johnson  
comments by Veva Stansell

- Abrams, LeRoy. Illustrated Flora of the Pacific States: Washington, Oregon and California, 1968, 4 vol. Stanford University Press. Abrams is old but very useful. A line drawing for every plant.
- Audubon Society. Field Guide to North American Wildflowers - Western Region, 1979. The Audubon Society.
- Bever, Dale N. Northwest Conifers: A Photographic Key, 1981, pap. \$18.96. Binfords and Mort.
- Borrer, Donald J. Dictionary of Word Roots and Combining Forms, 1960, 134 p. pap. \$4.95 Mayfield Pub. Excellent. You can deduce the meaning of those scientific names, making them much easier to remember.
- Bowen, Fred, et al. Hunter Creek and Spring Bogs, 1982. Kalmiopsis Audobon Society. An ACEC proposal to BLM, 40 p. Contains information on plants, animals and geology of the area. Available through V. Stansell PO Box 959, Gold Beach, Or 97444.
- British Columbia Provincial Museum. Publications in Natural History, Handbook Series.  
No.9: The Grasses of British Columbia  
12: The Ferns and Fern-allies of B.C.  
16: The Orchids (Orchidaceae) of B.C.  
19: The Heather Family of B.C.  
20: Guide to Common Edible Plants of B.C.  
25: The Lily Family (Liliaceae) of B.C.  
28: Some Mosses of B.C.  
30: The Rose Family (Rosaceae) of B.C.  
31: Guide to the Trees & Shrubs of B.C.  
32: The Pea Family (Leguminosae) of B.C.  
33: The Figwort Family (Scrophulariaceae) of B.C.
- Brown, Vinson, et al. Wildlife of the Intermountain West. (American Wildlife Region Series; Vol. 4.), 1968. \$9.95; pap. \$4.95 Naturegraph.
- \*Chipman, Ar. Wildflower Trails of the Pacific Northwest, 1970. \$15.00. Pine Cone Pub.
- \*Clark, Lewis J. Wildflowers of British Columbia, 1973. Gray's Pub. Ltd.
- \*Clark, Lewis J. Wild Flowers of Field and Slope (Lewis Clark's Field Guides). Gray's Pub. Ltd.
- \*Clark, Lewis J. Wild Flowers of Forest and Woodland (Lewis Clark's Field Guides) 1974. Gray's Pub. Ltd. All Lewis Clark's Field Guides have top quality pictures.
- Clark, Lewis J. Wild Flowers of Marsh and Waterway (Lewis Clark's Field Guides) 1975. pap. \$4.95. Superior Pub.
- Clark, Lewis J. Wild Flowers of the Arid Flatlands (Lewis Clark's Field Guides) 1975. pap. \$4.95. Superior Pub.
- \*Clark, Lewis J. Wild Flowers of the Mountains (Lewis Clark's Field Guides). Gray's Pub. Ltd.
- Clark, Lewis J. Wild Flowers of the Sea Coast (Lewis Clark's Field Guides), 1974. pap. \$4.95. Superior Pub.
- Clark, Lewis J. Wild Flowers of the Pacific Northwest: From Alaska to Northern California, Trelawney, John G., ed. 1976. \$55.95. Superior Pub.
- Clarkson, Quentin D. Handbook of Field Botany, 1961. pap. \$2.00. Binfords & Mort.
- Craighead, John J., et al. A Field Guide to Rocky Mountain Wildflowers (Peterson Field Guide Series), 1974. \$11.95; pap. \$6.95. Houghton-Mifflin.
- Crittenden, Mabel. Trees of the West, 1977. pap. \$5.95. Celestial Arts.
- Crittenden, Mabel & Telfer, Dorothy. Wildflowers of the West, 1975. pap. \$9.95. Celestial Arts.
- Cronquist, Arthur. Evolution and Classification of Flowering Plants, 1968. \$12.50. Houghton-Mifflin.
- Cronquist, Arthur. Intermountain Flora: Vascular Plants of the Intermountain West, U.S.A., Vol. I, 1972. \$28.95. Hafner.
- \*Eliot, Willard Ayres. Forest Trees of the Pacific Coast, rev. 1948. G.P. Putnam and Sons.
- Elliott, Roy. Lewisias, 2nd ed. 1978. Alpine Garden Society. Published in England; the photographs are excellent; the information is fun to read.
- Franklin, Jerry S. & Dyrness, C. T. Natural Vegetation of Oregon and Washington, 1973. USDA Forest Service General Technical Report PNW-8.
- \*Fries, Mary A. & Spring, Bob & Ira. Wildflowers of Mount Rainier and the Cascades. 1970. The Mountaineers.
- Frye, Theodore C. Ferns of the Northwest. 1977. pap. \$4.50. Binfords & Mort.

- \*Gilkey, Helen M. Weeds of the Pacific Northwest. Oregon State College.
- \*Gilkey, Helen M. and Packard, Patricia L. Winter Twigs. Oregon State University.
- Gilkey, Helen M. & Dennis, LaRae J. Handbook of Northwestern Plants, 1967. Oregon State University Bookstores.
- \*Hall, Clara C. Spring Flowers of the Lower Columbia Valley, 1958. University of Washington Press.
- Harrington, H. D. How to Identify Grasses and Grasslike Plants, 1977. Swallow Press. If you want to get started on grasses, this is a very good beginning.
- Harrington, H.D. & Durrell, L. W. How to Identify Plants, 1979 reprinted. \$7.95 Ohio University Press. Illustrated definitions of words used in botanical literature, this is a very useful book.
- Harrington, H.D. & Matsumura, Y. Edible Native Plants of the Rocky Mountains, 1967. University of New Mexico Press.
- Haskin, Leslie L. Wildflowers of the Pacific Coast. 2nd ed. 1970. \$12.50. Binford & Mort. This was my first wildflower book and I still love it. Haskin's text brings out little-known facts about wildflowers as food or medicine, in legend and history.
- Hitchcock, C. Leo & Cronquist, Arthur. Flora of the Pacific Northwest: an Illustrated Manual, 750 p. 1973. \$30.00 University of Washington Press. Compact and useful for keying out plants of Oregon and points north, but excluding the Siskiyou.
- Hitchcock, C. Leo, et al. Vascular Plants of the Pacific Northwest, 5 volumes (Publications in Biology Series: no. 17) University of Washington Press.
- \*Horn, Elizabeth L. Wildflowers of the Pacific Coast. 1980. Beautiful America Pub. Co.
- Horn, Elizabeth. Wildflowers I, The Cascades, 1977. pap. \$8.95. Touchstone Press.
- Horn, Elizabeth. Wildflowers 3, the Sierra Nevada, 1976. pap. \$8.95. Touchstone Press.
- Hultén, Eric. Flora of Alaska and Neighboring Territories: A Manual of the Vascular Plants, 1968. \$57.50. Stanford University Press.
- Jaeger, Edmund C. A Source-book of Biological Names and Terms, 3rd ed. 360 p., 1978. \$13.75. C. C. Thomas
- Jepson, W. L. Flora of California, Vols. 1, 2 and 3, Parts 1 and 2, 1722 p., 1979. set pap. \$40.00. Jepson Herbarium. This set was never completed, stopping after Solanaceae, and some parts do not have a proper index. However, it is fun to read of the historical sites and collections. Published between 1909 and 1943.
- Jepson, W. L. A Manual of the Flowering Plants of California, 1925. \$47.50. University of California Press.
- Kozloff, Eugene N. Plants and Animals of the Pacific Northwest: An Illustrated Guide to the Natural History of Western Oregon, Washington, and British Columbia. 280 p., 1976. \$25.00. University of Washington Press.
- Kruckeberg, Arthur R. Gardening with Native Plants of the Pacific Northwest: an Illustrated Guide. 264 p. 1982. \$24.95. University of Washington Press. This one is interesting even if you don't garden.
- Larrison, Earl J., et al. Washington Wildflowers. (Trailside Series) 1977, pap. \$7.95. Seattle Audubon Society.
- Lenz, Lee W. A Revision of the Pacific Coast Irises. Aliso, Vol. 4, no. 1., 1958. Rancho Santa Ana Botanic Garden. Lenz' 2 iris booklets have been a great help. Vol 4, no. 1 has a key to the species.
- Lenz, Lee W. Hybridization and Speciation in the Pacific Coast Irises. Aliso, Vol. 4, no. 2, 1959. Rancho Santa Ana Botanic Garden.
- \*Lyons, C. P. Trees, Shrubs and Flowers to Know in Washington, 1964. J.M. Dant and Sons Ltd.
- McMinn, Howard E. An Illustrated Manual of California Shrubs, 1939. \$35.00. University of California Press.
- McMinn, Howard E. & Maino, Evelyn. An Illustrated Manual of Pacific Coast Trees, 2nd ed. 1937. \$12.95; pap. \$6.95. University of California Press.
- Manson, Georgia. A Guide to the Plants of the Willowa Mountains of Northeastern Oregon, 1975. Museum of Natural History, University of Oregon. Even though this book is not listed in "Books in Print" 82-83, I obtained one recently through the bookstore at University of Oregon, Eugene. I can't wait to get back there and use it.
- Meinke, Robert J. Threatened and Endangered Vascular Plants of Oregon: an Illustrated Guide. 1981. US Fish and Wildlife Service (free).
- Munz, Philip A. California Desert Wildflowers, 1962. pap. \$4.95. University of California Press.





- Munz, Philip A. California Mountain Wildflowers. 1963. pap. \$4.95. University of California Press
- Munz, Philip A. California Spring Wildflowers, 1961. pap. \$4.95. University of California Press.
- Munz, Philip A. Supplement to a California Flora, 1968. \$14.50. University of California Press.
- \*Munz, Philip A. Shore Wildflowers of California, Oregon and Washington, 1965. University of California Press.
- Munz, Philip A. A California Flora and Supplement, 1973. repr. \$32.50. University of California Press. This volume treats more Siskiyou plants than any other reference work that I have seen.
- New Pronouncing Dictionary of Plant Names, 1979. Florists Publishing Company.
- Niehaus, T.F. and C. L. Ripper. A Field Guide to Pacific States Wildflowers. (Patterson Field Guide Series) Houghton Mifflin Co., 1976 \$10.95. Useful drawings, many in color.
- Oregon State University Extension Bulletins  
No. 687: Trees to Know in Oregon  
785: Ferns to Know in Oregon
- \*Orr, Robert T. & Margaret C. Wildflowers of Western America. Alfred A. Knopf, Inc.
- \*Payne, Helen. Plant Jewels of the High Country, "Sempervivums and Sedums", 1972. Pine Cone Pub.
- \*Peck, Morton C. A Manual of the Higher Plants of Oregon. 1961. Binfords & Mort. Old but important for students of Oregon native plants. Expect to pay \$30.00 now for a used copy.
- Phillips, Roger. Trees of North America and Europe. 1978. \$25.00; pap. \$12.95. Random House.
- Proctor, Charles M. Ecological Characterizations of the Pacific Northwest Coastal Region. 1980. US Fish & Wildlife Service.
- Randall, Warren R. Manual of Oregon Trees and Shrubs. 1981. pap. text ed. \$6.96. Oregon State University Bookstores. If you want to learn how to "key out" plants, this is a great way to start.
- Rickett, H. W. Wild Flowers of America. 1963. \$15.00. Crown.
- Rickett, H. W. The New Field Book of American Wildflowers (Putnam's Nature Field Books) 1978. pap. \$4.50. Putnam.
- Rickett, H. W. Wild Flowers of the United States, Vol. 5: Northwestern States. \$69.50. McGraw.
- St. John, Harold. Flora of Southeastern Washington and of Adjacent Idaho, 3rd ed. rev. 1963. \$12.95. Outdoor Pict.
- Sharpe, Grant & Wenonah. 101 Wildflowers of the Olympic National Park, 1954. University of Washington.
- Sharpe, Grant & Wenomah. 101 Wildflowers of Crater Lake National Park, 1959. University of Washington Press.
- Siddall, Jean L., Chambers, Kenton L., & Wagner, David H. Rare, Threatened and Endangered Vascular Plants in Oregon, 1979. Oregon Division of State Lands.
- Smith, A.W. & Stearn, W. T. A Gardener's Dictionary of Plant Names: A Handbook on the Origin and Meaning of Some Plant Names. 391 p. 1972. \$11.95. St. Martin.
- Smith, James P., Jr. Key to the Genera of Grasses of the Conterminous United States. rev. ed. 90 p. 1981. pap. \$7.95. Mad River Press.
- Smith, James P., Jr. Vascular Plant Families. 320 p. 1977. pap. \$10.35. Mad River Press.
- Spring, Ira & Manning, Harvey. Mountain Flowers. 1979. pap. \$3.95. Mountaineers.
- Spring, Ira & Taylor, Ronald J. Wildflowers 4: Rocky Mountain Wildflowers. 1978. pap. \$7.95. Touchstone Press.
- Spurr, Joy. Wild Shrubs, Finding and Growing Your Own, 1978. pap. \$8.95. Pacific Search Press.
- \*Stewart, Albert N., Dennis, LaRae J., & Gilkey, Helen M. Aquatic Plants of the Pacific Northwest, 2nd ed. 1963. Oregon State University Press.
- Sudworth, George B. Forest Trees of the Pacific Slope, 1967. pap. \$6.95. Dover  
Forest Trees of the Pacific Slope. \$11.00 Peter Smith.
- Sweet, Muriel. Common Edible and Useful Plants of the West. rev. ed. 1976. \$7.50; pap. \$2.50. Naturegraph.
- Taylor, Ronald & Valum, Rolf. Wildflowers 2: Sagebrush Country. \$10.95. Touchstone Press.
- Taylor, Ronald J. Rocky Mountain Wildflowers. 104 p. 1982. pap. \$7.95. Mountaineers.
- Taylor, T.M.C. Ferns and Fern Allies of British Columbia. British Columbia Provincial Museum.
- Taylor, T.M.C. Pacific Northwest Ferns and their Allies. 1970. University of Toronto Press. This book fills the need for information for Oregon.
- US Forest Service, Department of Agriculture Handbooks. No. 148: Key to Important Woody Plants of Eastern Washington and Oregon. 1960.
- Weidemann, Alfred M., Dennis, LaRae J. & Smith, Frank H. Plants of the Oregon Coastal Dunes, 1969. Oregon State University Bookstores. This one has descriptions of the plant communities, plus keys and descriptions for dune plants.
- Wiley, Leonard. Rare Wild Flowers of North America, rev. 2nd ed. 1969. \$15.00. L. Wiley. I have enjoyed L. Wiley's writings for years. This book includes for each species discussed information about the history, rarity, distribution, propagation, culture and flowering time.
- Wood, Carroll E., Jr. A Student's Atlas of Flowering Plants: Some Dicotyledons of Eastern North America. 256 p. 1874. pap. text ed. \$9.95. Harper Row.
- Yocum, Charles & Dasmann, Raymond. Pacific Coastal Wildlife Region. rev. ed. (American Wildlife Region Series: Vol. 3) 1965. \$8.95; pap. \$3.95. Naturegraph.

continued on next page

Yocum, Charles, et al. Wildlife and Plants of the Southern Rocky Mountains. (American Wildlife Region Series: Vol. 7) 1966. \$9.95; pap. \$4.95. Naturegraph.

Young, Dorothy King. Wildflowers of the Redwood Empire. 3rd rev. ed. 1976. \$7.95; pap. \$3.95. Naturegraph.

Zwinger, Ann H. & Willard, Beatrice E. Land Above the Trees: A Guide to American Alpine Tundra. 448 p. 1972. \$17.50. Harper Row.

\*Out-of-print, but still recommended by our Society.

Mail order source for 2nd-hand books:

Beth L. Bibby-Books  
1225 Sardine Creek Road  
Gold Hill, Oregon 97525  
Phone: (503) 855-1621

The owner is very accomodating and nice to deal with. They specialize in Natural History, Gardening and Horticulture books. Prices are reasonable.

The Mariposa Foundation offers resources for the wild lilies (especially the camas and the sego). This is an Idaho-based non-profit foundation. For more information, write to:

The Mariposa Foundation  
415 Residence Street  
Moscow, Idaho 83843

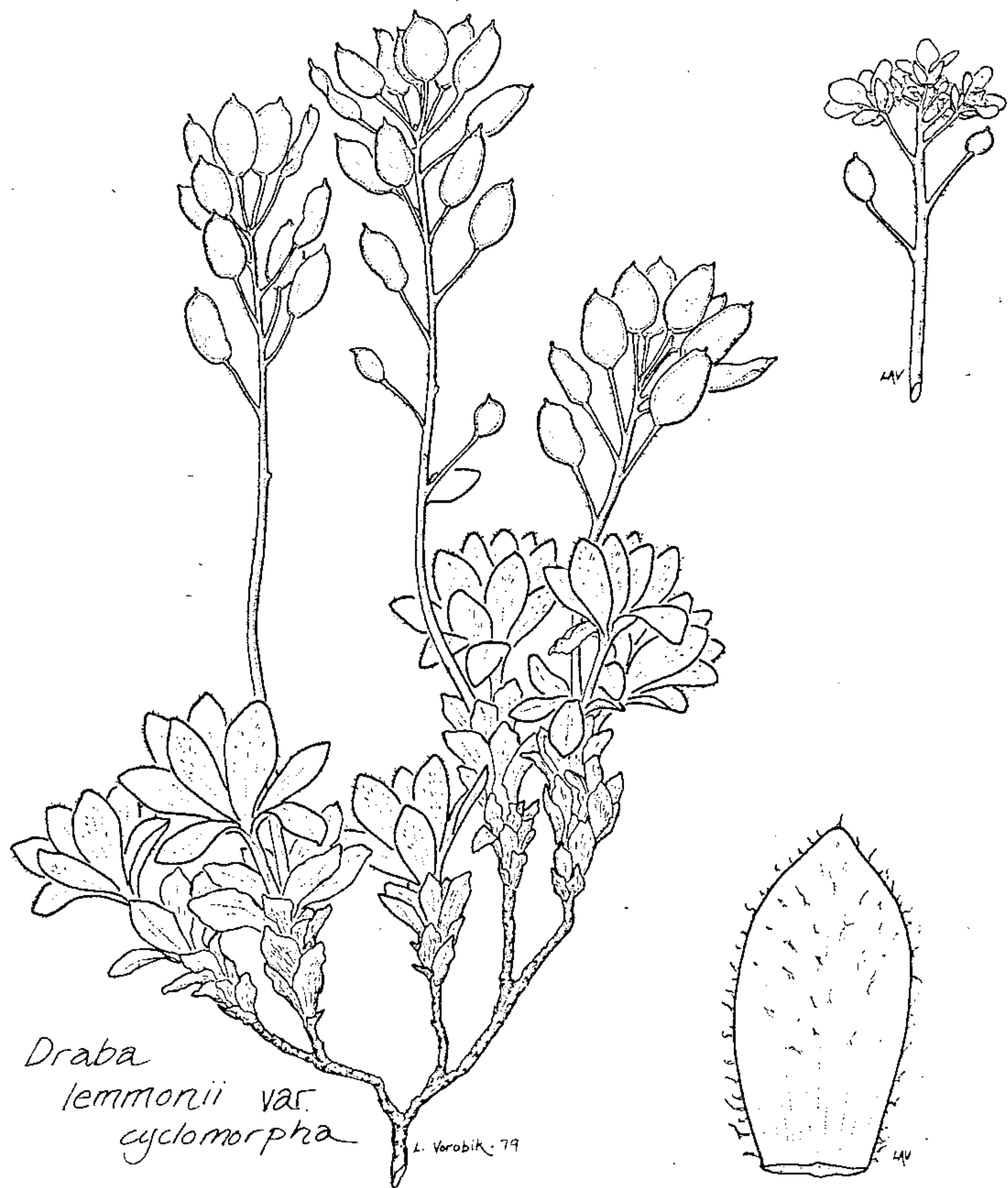
QUICK REFERENCE LIST: Plant Families and page numbers for Hitchcock & Cronquist, Flora of the Pacific Northwest. Photocopy and glue in the inside cover for a quick-index. Prepared by Larry Loftis, Siskiyou Chapter member.

- |                        |                        |                        |
|------------------------|------------------------|------------------------|
| Aceraceae p 288        | Hydrophyllaceae p 377  | Sarraceniaceae p 182   |
| Adoxaceae p 454        | Hypericaceae p 294     | Saururaceae p 64       |
| Aizoaceae p 104        | Iridaceae p 697        | Saxifragaceae p 184    |
| Alismataceae p 557     | Isoetaceae p 42        | Scheuchzeriaceae p 560 |
| Amaranthaceae p 101    | Juncaceae p 567        | Scrophulariaceae p 413 |
| Anacardiaceae p 287    | Juncaginaceae p 561    | Selaginellaceae p 41   |
| Apocynaceae p 362      | Labiatae p 399         | Simaroubaceae p 283    |
| Araceae p 676          | Leguminosae p 228      | Solanaceae p 409       |
| Araliaceae p 313       | Lemnaceae p 677        | Sparganiaceae p 674    |
| Aristolochiaceae p 78  | Lentibulariaceae p 445 | Tamaricaceae p 296     |
| Asclepiadaceae p 363   | Liliaceae p 678        | Taxaceae p 56          |
| Balsaminaceae p 289    | Limnanthaceae p 287    | Typhaceae p 675        |
| Berberidaceae p 142    | Linaceae p 282         | Ulmaceae p 74          |
| Betulaceae p 72        | Loasaceae p 300        | Umbelliferae p 314     |
| Boraginaceae p 384     | Loranthaceae p 77      | Urticaceae p 76        |
| Buddlejaceae p 356     | Lycopodiaceae p 40     | Valerianaceae p 454    |
| Butomaceae p 557       | Lythraceae p 302       | Verbenaceae p 398      |
| Cactaceae p 301        | Malvaceae p 291        | Violaceae p 296        |
| Callitrichaceae p 285  | Marsileaceae p 55      | Vitaceae p 291         |
| Campanulaceae p 457    | Menyanthaceae p 361    | Zannichelliaceae p 566 |
| Capparidaceae p 180    | Moraceae p 75          | Zosteraceae p 567      |
| Caprifoliaceae p 450   | Myricaceae p 72        | Zygophyllaceae p 282   |
| Caryophyllaceae p 109  | Najadaceae p 562       |                        |
| Celastraceae p 288     | Nyctaginaceae p 102    |                        |
| Ceratophyllaceae p 123 | Nymphaeaceae p 122     |                        |
| Chenopodiaceae p 93    | Oleaceae p 356         |                        |
| Compositae p 461       | Onagraceae p 303       |                        |
| Convolvulaceae p 363   | Ophioglossaceae p 44   |                        |
| Cornaceae p 339        | Orchidaceae p 698      |                        |
| Crassulaceae p 182     | Orobanchaceae p 444    |                        |
| Cruciferae p 146       | Oxalidaceae p 281      |                        |
| Cucurbitaceae p 457    | Paeoniaceae p 124      |                        |
| Cupressaceae p 57      | Papaveraceae p 143     |                        |
| Cuscutaceae p 364      | Phytolaccaceae p 103   |                        |
| Cyperaceae p 576       | Pinaceae p 59          |                        |
| Dipsacaceae p 456      | Plantaginaceae p 447   |                        |
| Droseraceae p 182      | Plumbaginaceae p 355   |                        |
| Elaeagnaceae p 302     | Polemoniaceae p 366    |                        |
| Elatinaceae p 295      | Polygonaceae p 78      |                        |
| Empetraceae p 286      | Polypodiaceae p 46     |                        |
| Equisetaceae p 42      | Pontederiaceae p 678   |                        |
| Ericaceae p 340        | Portulacaceae p 104    |                        |
| Euphorbiaceae p 284    | Potamogetonaceae p 562 |                        |
| Fagaceae p 74          | Primulaceae p 350      |                        |
| Fumariaceae p 144      | Ranunculaceae p 124    |                        |
| Garryaceae p 339       | Resedaceae p 181       |                        |
| Gentianaceae p 356     | Rhamnaceae p 290       |                        |
| Geraniaceae p 279      | Rosaceae p 205         |                        |
| Gramineae p 602        | Rubiaceae p 448        |                        |
| Grossulariaceae p 199  | Ruppiaceae p 566       |                        |
| Haloragaceae p 312     | Salicaceae p 64        |                        |
| Hippuridaceae p 313    | Salviniaceae p 56      |                        |
| Hydrangeaceae p 204    | Santalaceae p 78       |                        |
| Hydrocharitaceae p 559 |                        |                        |

Illustrations of three NPSO artists are being displayed in the lobby of the Western Forestry Center through this May. The WFC is located near OMSI and the Zoo and is open from 10:00 a.m. to 5:00 p.m. Displayed are pen and ink drawings by Julie Kierstead (upcoming NPSO Bulletin Editor), Esther G. McEvoy (Corvallis Chapter President), and Linda Ann Vorobik (current NPSO Bulletin editor).

Our beautiful new NPSO notecards were distributed to Chapter Presidents at the January 22 Board meeting in Salem. Hopefully, most of you have seen them by now. Linda Vorobik, our Bulletin editor, and one of the Northwest's finest scientific illustrators, drew the 8 lovely designs and donated these to our organization. Sales of notecards to our members and others will finance our fund drive to protect Oregon's Rare and Endangered flowers and other plants.

Lemmon's draba



Draba  
lemmonii var.  
cyclomorpha

L. Vorobik - 79

The cards are beautifully printed on ivory colored, textured paper with matching envelopes. A pack of 8 cards (8 different designs) and envelopes costs NPSO members only \$2.50 when purchased through your chapters.

Please try to buy 2 packets. Use one to write your friends (and please use a couple to write to your Oregon senator and representative about exploitation and possible extinction of your favorite species.) Give the second packet to a friend. These make lovely and much appreciated gifts. If each of our members statewide would purchase 2 packets, we would account for the full 1,000 packets in the initial printing.

Chapters may order cards in lots of 20 packets for \$40; individuals may purchase packets for \$2.50 each from their chapter or for \$3.00 each from:

Charlene Holzwarth (284-3444)  
2524 NE 34th  
Portland, OR 97212

BOTANICAL ILLUSTRATION COURSE THIS SUMMER

Linda Vorobik is planning on teaching Botanical Illustration this summer at the University of Oregon's Biology Department. The course will be held once a week for 3 hours, and will be held throughout the 8 week summer session. Linda will introduce students to the tools and resources needed by a botanical illustrator, and will use summer blooming wildflowers as the subject matter.

If you are interested in this course, please contact Linda at Department of Biology, University of Oregon, Eugene, OR 97403, 686-3033. Fifteen students are needed in order for the class to run. The cost to students will be approximately \$65, for 2 credit hours. For more information, see future Bulletins.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

CHAPTER (if known) \_\_\_\_\_

NAME \_\_\_\_\_

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

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

IS THIS A CHANGE OF ADDRESS?

if so please write your:

OLD ADDRESS \_\_\_\_\_

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

\*DUES. Dues include monthly news bulletin. Full membership runs from January through December. Quarter membership runs from September through December.

[ ] New [ ] 1/4 Membership (\$2.50)

[ ] Student.....\$ 7.50

[ ] Regular..... 10.00

[ ] Family Membership..... 15.00

[ ] Sustaining.....\$ 25.00

[ ] Patron..... 100.00

[ ] Life Member..... 500.00

\*CONTRIBUTIONS.

Jean Davis Memorial Award Fund.....\$ \_\_\_\_\_

Rare and Endangered Plant Fund.....\$ \_\_\_\_\_

General.....\$ \_\_\_\_\_

\*Remember, 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 NPSO MEMBERSHIP CHAIR, MARY FALCONER, 1920 ENGEL AVE, NW, SALEM, OR 97304



Non Profit Org.  
U.S. Postage  
PAID  
Eugene OR 97401  
Permit No. 437

The Editor  
Native Plant Society of Oregon  
Department of Biology  
University of Oregon  
Eugene, Oregon 97403

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. Use the form provided by local chapters for membership applications or change of address; chapter presidents with addresses and phone numbers are listed below. Send forms to: Mary Falconer; Membership Chair; 1920 Engel Ave. NW; Salem OR 97304.

Contributions to the NPSO Bulletin or non-delivery notice should be sent to the editor. Others are welcome to use material from the NPSO Bulletin. Courtesy pleads, however, that credit be given to the author and to the Bulletin. Copy deadline is the 15th of each month.

#### NATIVE PLANT SOCIETY OF OREGON

President: Rhoda Love, 393 FulVue Dr., Eugene OR 97405, 345-6241.  
Vice President: Anne E. Kowalishen, 4949 NE 34th, Portland OR 97212, 288-2736.  
Secretary: Paula Vincent, 1836 Manzanita, Klamath Falls OR 97601, 882-9630.  
Treasurer: Nadine Smith, 1128 Jackson, Eugene OR 97402, 344-6478.  
Board of Directors: Wilbur Bluhm, Florence Ebeling, Marge Ettinger, Cynthia Roberts, Larry Scofield, and Veva Stansell.  
NPSO Bulletin Editor: Linda Ann Vorobik, Department of Biology, University of Oregon, Eugene OR 97403, 686-3033.

#### CHAPTER PRESIDENTS

Blue Mountain: Harry Oswald, Box 459, Pendleton OR 97801, 276-2292.  
Corvallis: Esther McEvoy, 3290 SW Willamette, Corvallis OR 97333, 754-0893.  
Emerald: Leighton Ho, 1826 1/2 Lincoln, Eugene, OR 97401, 345-3252  
High Desert: Kathleen Cooper, 61548 Oakwood Place, Bend OR 97702  
Mid-Columbia: Keith Chamberlain, Box 151, Mosier OR 97040, 478-3314.  
Portland: Virginia Diegel, 16415 NW Brugger Rd., Portland OR 97229, 645-1344.  
Siskiyou: Darlene Southworth, 496 Beach St., Ashland OR 97520, 482-6341.  
Willamette Valley: George Schoppert, 11265 Phantom Ln. SE, Stayton OR 97383, 859-2613.



Chimophila  
menziesii

little prince's pine