

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 XV No. 12

DECEMBER 1982

RENEWAL TIME! VOTING TIME!

ENCLOSED WITH THIS MAILING YOU WILL FIND YOUR RENEWAL FORM, THIS IS THE LAST TIME THE FORM WILL BE SENT OUT WITH THE BULLETIN FOR 1983 RENEWALS, SO PULL OUT A PEN AND PUT IT TO GOOD USE! PLEASE SEND COMPLETED FORM (TYPED OR PRINTED LEGIBLY) AND REMITTANCE TO MARY FALCONER, 1920 ENGEL AVE NW, SALEM OR 97304. THANK YOU. IF DUES ARE NOT RECEIVED BY 1 MARCH 1983, YOU WILL NOT RECEIVE YOUR BULLETINS FROM APRIL ON.

NPSO BY-LAWS CHANGING. REFER TO YOUR NOVEMBER BULLETIN FOR PROPOSED CHANGES IN THE NPSO BY-LAWS. IF YOU HAVE NOT VOTED ON THESE CHANGES YET, PLEASE DO SO. BALLOTS MUST BE RECEIVED BY RHODA LOVE NO LATER THAN 15 DECEMBER, AT 393 FUL VUE DR., EUGENE OR 97405.

JEAN DAVIS MEMORIAL AWARD: SCHOLARSHIPS

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. For more information and a complete set of application rules, please send a self-addressed, stamped envelope to: Mary Falconer, 1920 Engel Avenue, N.W., Salem, Oregon 97304.

The Jean Davis Memorial Scholarship Committee of the Native Plant Society of Oregon would like to take this opportunity to thank Mr. and Mrs. C. K. Teare for their donation to the fund.

This would be a good time to remind all members that 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 Avenue, N.W., Salem, Oregon 97304. A slight revision to the rules is being made that will affect graduate students and when completed we will make available through the Bulletin the full rules. Most colleges in Oregon will have rules and instructions for students to apply, also. Final date for receipt of applications is April 1st of each year.

NEXT MEETING OF NPSO BOARD JANUARY 22, 1983

The next meeting of the NPSO Board will be on Saturday, January 22, in Salem. Meeting time: 1:00 p.m. Place: The Department of Forestry, 2600 State Street, Salem. Agenda items: Introduction of new NPSO R & E Chairperson Jean Siddall; Discussion of 1983 Legislation to protect Oregon Rare Plants; Plans for 1983 Annual Meeting in Eugene.

All interested NPSO members are invited to attend any board meeting.

NEW EDITOR NEEDED

I will be resigning as the NPSO editor as of June, 1983. I would like to encourage anyone interested in this volunteer position to come forward. The editor's job for the NPSO is very rewarding. You are exposed to a variety of conservation and other literature, meet outstanding people, and gain useful experience. The NPSO needs an energetic, creative person(s) to fill this position. If you are curious, I would be very happy to answer any questions. Call me, Linda Vorobik, at 686-3033 (work) or 689-9256 (home), or write me at NPSO, Dept. of Biology, U of O, Eugene OR 97403.
note. I have received inquiries about the editor's position. If you are interested in it, write NPSO President Rhoda Love (address on masthead) now and plan on attending the Jan. 22 board meeting in Salem.



HOLIDAY MESSAGE FROM YOUR NPSO PRESIDENT

I want to wish each of you a peaceful and healthy holiday season. At holiday time many of our lovely Oregon wildflowers are dormant, although evergreens, of course, may be metabolically active on sunny days. Others, such as our marvelous moisture-loving mosses, liverworts and lichens are at their very best during this winter season -- their "leaves" expanded, their cells plump with the water they need to live and grow. Like these "little plants", we who love our native floras and their natural habitats must be active now and through this coming legislative season if we are to assure the continued survival of one of Oregon's most precious resources: our rare native plants.

About one month from the time most of you are reading this, our State legislators will be assembling in Salem to begin their 6-month struggle with our state's economic woes. We must be well-organized, strong and active to convince our representatives to give attention to a bill to protect Oregon's rare plants. This is why last September I asked chapter presidents to approach all members seeking volunteers to help with our 1983 legislative effort. I'm pleased with the response so far. I have heard from 2 of our 8 chapters and from a number of individuals. My aim is to have enough volunteers state-wide so that every Oregon legislator will be contacted by one or more of his/her own constituents during the coming session. Remember that in volunteering to help you are being asked in most cases only to write a letter at a crucial time. Of course, we also need to hear from those of you who can make some phone calls, work on the legislation, or take our case directly to Salem, but if you feel you can write even one letter between January and June, I want to hear from you.

In other news, I have, with regret, accepted the resignation of our society's Chairperson for Rare and Endangered Plants, Anne E. Kowalishen of Portland. Annie told me that she was burned out after a number of years of very hard work on behalf of our rare plants. I know all members join me in saying: Many thanks, Annie, for a job well and faithfully done. Annie will, of course, continue as NPSO vice-president.

A piece of related good news is that our good friend Jean Siddall has agreed to accept the chair vacated by Annie Kowalishen. Those of you who are familiar with Jean and her work know she is superbly qualified to head the R & E Committee for us. Jean has promised to attend our January 22 board meeting in Salem to give us the benefit of some of her ideas for public education concerning Oregon's rare plants and to outline the role local NPSO chapters can play in the Oregon R & E Plant Project.

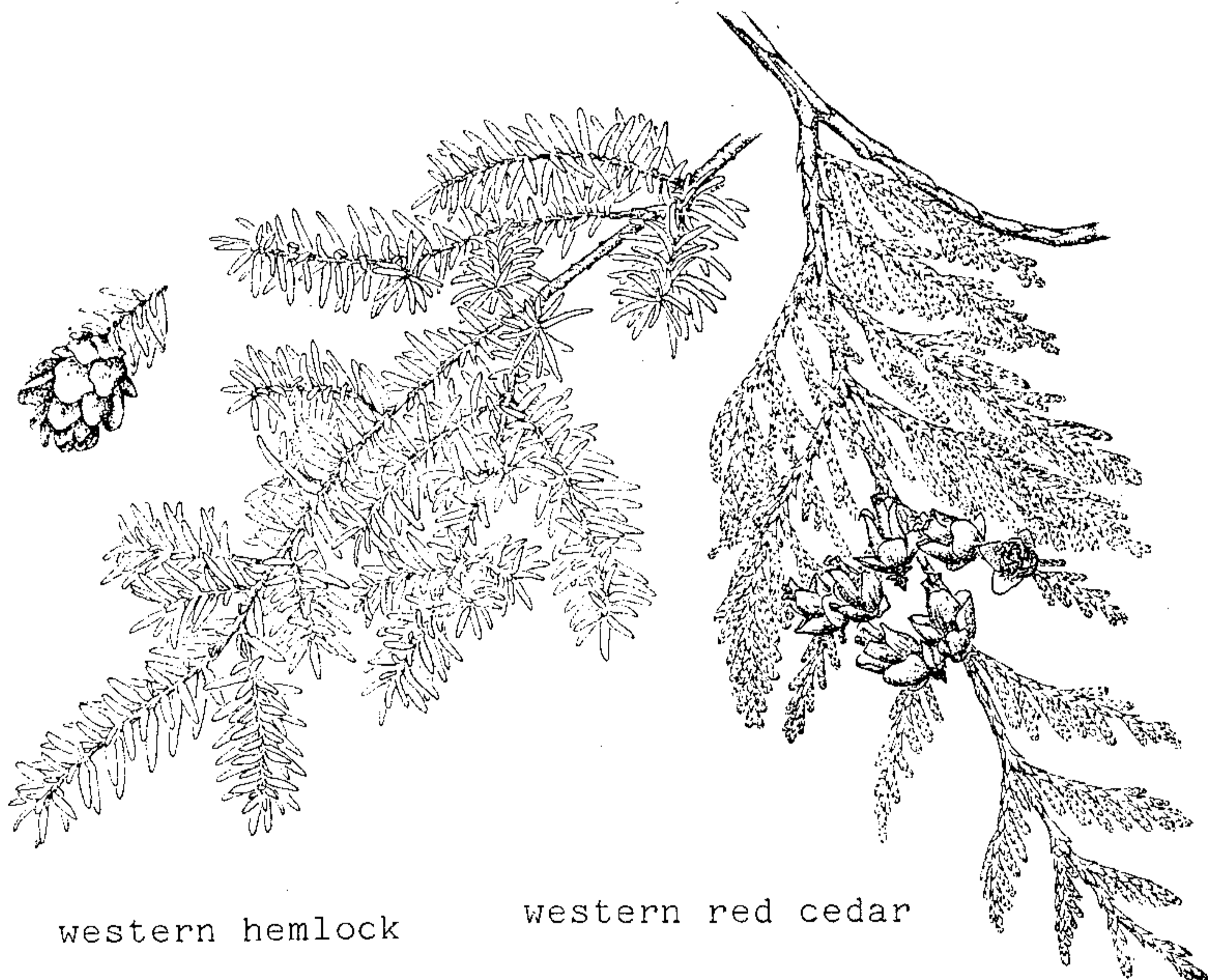
My final item of news is that I attended the 2-day 1982 Oregon R & E Plant Conference on the Oregon State U. Campus, Corvallis, November 6 and 7. It was an excellent meeting led by Jean Siddall and Kenton Chambers of the OSU Herbarium. The meeting was attended by 55 botanists from around our state and was Co-sponsored by the OSU Agricultural Extension Service and the Dept. of Botany, and by us, the NPSO.

I am always impressed at these meetings by the dedicated work done by our Oregon botanists. Jean had obviously spent many days on preliminary herbarium research, and the field botanists had likewise spent many many days field checking the plants on the Review List. It is little wonder that Oregon is far ahead of other states in assessment of the status of rare plants.

NPSO'ers, let's go into this happy holiday season with the resolve that this fine work by so many dedicated plant lovers will bear fruit in 1983 with the passage of a state law to protect our rare plants. Please help if you can.

Much joy to you all.

Flowers forever!
Rhoda Love
President



western hemlock

western red cedar

Thanks to the following who have volunteered so far: Harold Dunn, Nan Kennedy, David Wagner, Leighton Ho, Robin Lodewick, Herm Fitz, Chris Luneski, the Bob Frenkels, Dan Luoma, Russ Holmes, Ruth Hansen, Ginny Crosby, Nancy Felix, Carolyn Wright, Jean Siddall, Sue Yamomoto, Bonnie Brunkow, Jimmy Kagan, Esther McEvoy, Corinne Sherton, Martha Blau, Linda Vorobik, Charlene Simpson.

Here is part of a charming letter I received from Martha Blau of Salem: "I know nothing of identifying, classifying, etc., but very much enjoy the NPSO field trips ... I love the wild flowers and since I live in Salem maybe I could be of some help to you. I want to help preserve our beautiful Oregon for future generations ..." Members, I know a letter like Martha's to a state representative will carry weight. You can help too and I'm hoping to hear from you.

David Wagner has been working on ideas for drafting our bill. Please see his description of the proposed legislation in this issue and contact Rick Brown directly with your input and/or questions.



NOMINATING COMMITTEE APPOINTED

The NPSO 1983 Nominating Committee has been appointed to seek candidates to fill the coming vacancies on our Board of Directors. The Committee makeup is as follows: Veva Stansell, Chairperson, and members Ruth Hansen, Jacque Greenleaf, Juanita Manley, Harry Oswald, and Darlene Southworth. If you wish to be a candidate or wish to suggest a candidate, please contact Veva or one of her committee members. A slate will be chosen in time to publish their names in the January Bulletin.

CONSERVATION ALERT

The BLM has quietly dropped its program to conserve sensitive species. A most alarming development. We cannot sue to reverse this decision as the previous policy was not required by law. The NPSO is working to learn more about this new policy through Faith Campbell and the Natural Resources Defense Council, Inc. I encourage members to write the BLM and request information about what is being done to protect rare plants on BLM land, and next to respond to this information by writing their congresspersons. At present a plant species must be listed (not candidate) threatened or endangered in order to receive protection on BLM land! There are only three plant species that are federally listed and occur in Oregon: Arabis mcdonaldiana, Mirabilis macfarlanei, and Stephanomeria malheurensis.

OREGON R & E PLANT PROJECT CONFERENCE REPORT

During the 2-day Conference in Corvallis November 6 and 7, we reviewed approximately 260 species of Oregon rare plants whose status was uncertain. With my committee I am now analysing the data and a detailed report will be forthcoming. An updated version of our 1979 publication, Rare, Threatened and Endangered Vascular Plants in Oregon is a top priority item for the coming months.

We had 54 participants at the Conference from throughout the state and Dave Imper even came from the Six Rivers Forest in California.

I want to thank everyone for coming and participating.

Jean Siddall, Ch.
Ore. R & E Plant Project
535 Atwater Rd.
Lake Oswego, OR 97304

RICK BROWN OF PORTLAND TO CHAIR NPSO 1983 LEGISLATIVE COMMITTEE

FLASH! LEGISLATIVE COMMITTEE REPORT!

As we go to press we have learned that Rick Brown of Portland has agreed to chair our Legislative Committee. We feel very lucky that Rick has agreed to take on this important task for NPSO and for Oregon's Rare and Endangered Species and we feel confident that with Rick's expert and enthusiastic leadership we will see legislation passed in '83 to protect Oregon's threatened plants.

Please write or call Rick if you can help with this campaign:

Rick Brown
3425 SW 12th
Portland, OR 97201
222-1146 (home)
667-0511 (work)

CONCEPTS DEVELOPED FOR RARE PLANT LEGISLATION

Over the past two years I have given considerable thought to rare plant legislation in Oregon and have developed several suggestions which I feel will be useful in getting an effective bill passed in 1983. These ideas have undergone revision and refinement through discussions with various people: field botanists, agency managers, conservationists, and, most recently, the participants at the 1982 Rare Plant Conference in Corvallis. There are three main points to be proposed:

1. The number of species given full protection of the law should be limited, in the bill, to a short list of the 25 most critically endangered species. (Generally recognized subspecies or varieties should be treated as species under this legislation.) From a practical point of view, we (Oregonians) will be doing very well if we can realistically protect 25 different kinds of plant at one time. A short list will help us focus on those which are most in need of protection. We can expect that all pertinent data on the short-list species can be maintained at any desired (many) locations, and easily kept up-to-date. The exact composition of the short-list would change over time (to be reviewed at least every two years), as species on the list passed into protected status and/or new threats arose endangering rare species not on the short-list. A "sensitive species" list would provide the pool of candidates from which the most critically endangered short-list species would be drawn.

From a political standpoint, the concept of a short list of endangered plants seems to have much merit. The major objection to rare plant legislation has been that it is a bottomless pit--people panic when they consider the 412 species on the NPSO rare plant list (drawn from the state "special species" list), fearing that managing for all these will be hopeless.

2. No new bureaucracy should be created to develop and manage the plant protection policies engendered by this bill. The Natural Heritage Advisory Council, already in place by prior legislation, is the obvious body to ask to make the decisions to place plants on the endangered species short list. As mentioned above, our NPSO Rare Plant List is based on the list developed by NHAC; every possible source of information in the state has been drawn upon to develop this list. The "sensitive species" list would be the plants in priorities 1, 2, and 3 in the Natural Heritage Plan for Oregon developed by the Natural Heritage Council.

3. Protection of plants under this bill will be through existing avenues, in keeping with the above principle. We should use the provisions of the Land Conservation and Development Commission to guide land use planning for protection of the habitat of the critically endangered plants. This is the most serious issue in plant protection--protection of habitat--and we know that it works in Oregon. Enforcement of collecting and trade should be left up to social pressure and censure, just like the anti-smoking ordinances in various municipalities. The reasons for this idea are both practical and economic; no new bureaucracy needs no major appropriations and no extended start-up time. The principal issue of rare plant protection is addressed directly: habitat conservation. I am convinced that we should limit legislation to this, for plant propagation is best left to voluntary, private interests after we have failed in the primary task of habitat protection.

continued on next page

In summary, the legislation proposed for a bill to protect endangered plants in Oregon should be tailored to the conditions in this state and not attempt to mimic legislation at the federal level or in other states. We can then give it our full support and lobbying energy for practical, political, economic and scientific reasons all together.

David Wagner
Eugene

CHAPTER NEWS

CORVALLIS CHAPTER

No December meeting. See next Bulletin for announcement of January's meeting.

WILLAMETTE VALLEY CHAPTER

Meeting:

No meeting in December. See January Bulletin for details of January 17th meeting.

PORTLAND CHAPTER

Meeting:

Wednesday, December 22, 7:00 p.m., Central Library, 801 SW 10th, Portland. Each member is asked to bring up to 10 of their favorite slides from 1982 expeditions. A projector with stack loader will be provided to show the pictures.

Saturday Workshops, all meet 10:00 a.m. in Room E, Central Library.

January 1. None scheduled.

January 8. Pierce and Ives Islands with Russ Jolley. These two scenic islets in the Columbia River near Beacon Rock shelter three rare plant species. The islands are today in jeopardy.

January 15. None scheduled.

January 22. Some Plants of the Ochoco Mountains with our virtuoso plant finder George Lewis.

SISKIYOU CHAPTER

Meetings:

Thursday, December 9. Fire - A Management Tool, will be the program given by Gary Shade of the Rogue River National Forest. He will also share information on wildland fire. We will meet at 7:30 p.m. in Room 171 of the Science Building at Southern Oregon State College.

Thursday, January 13. Structure and Function of Plants, will be presented by Ron Nitsos, SOSC Biology Professor. This program will give us a deeper view of what goes on inside members of the plant kingdom. There is potential for a follow-up laboratory workshop on the following Saturday to further explore this part of the plant world. Meeting at 7:30 p.m., in Room 171 of the Science Building at SOSC.

COAST CHAPTER OF THE NPSO????????????????

There is a group of plant enthusiasts in Bandon who would like to organize a Bandon Chapter of the NPSO. Their enthusiasts range from rank amateurs to professional botanists and foresters. Persons interested in joining this group should contact Barbara Eakley, P.O. Box 1666, Bandon, Oregon 97411. 347-3030.

HIGH DESERT CHAPTER

Meeting Report

At our October meeting Kathleen Cooper was elected 1983 President and Stuart Garrett was elected Secretary-Treasurer. It was also decided to change our chapter by-laws to allow for meetings every other month during the non-summer months.

Meeting:

January. Marge Ettinger will share her exquisite Alaskan wildflower shots with us.

EMERALD CHAPTER

Meetings:

Monday, December 6. 7:00 p.m. Christmas Social, Gift Bazaar and Slidifest. We'll enjoy seasonal refreshments, bid on donated gifts, and share 10-15 of your best slides of spring and summer field trips. We ask that each coming bring a saleable item of interest to NPSOers. Suggestions: potted plants, seed packets, photographs, books, magazines or monographs, calendars, drawings or prints, wreaths, note cards, maps, mistletoe, etc. Do not wrap the item. Come prepared to price it. If no one offers the minimum price the donor keeps it. All proceeds will go to the Emerald Chapter to help finance the work of the society. Guests and visitors are welcome. Meet at the American Red Cross Building, 150 East 18th, Eugene.

Monday, January 3, 7:15 p.m. Note: this is a change from the date announced in the November Bulletin. Dr. William Bradshaw, U of O Biology Professor, will present a program on insectivorous plants, focusing on pitcher plants, Darlingtonia californica.

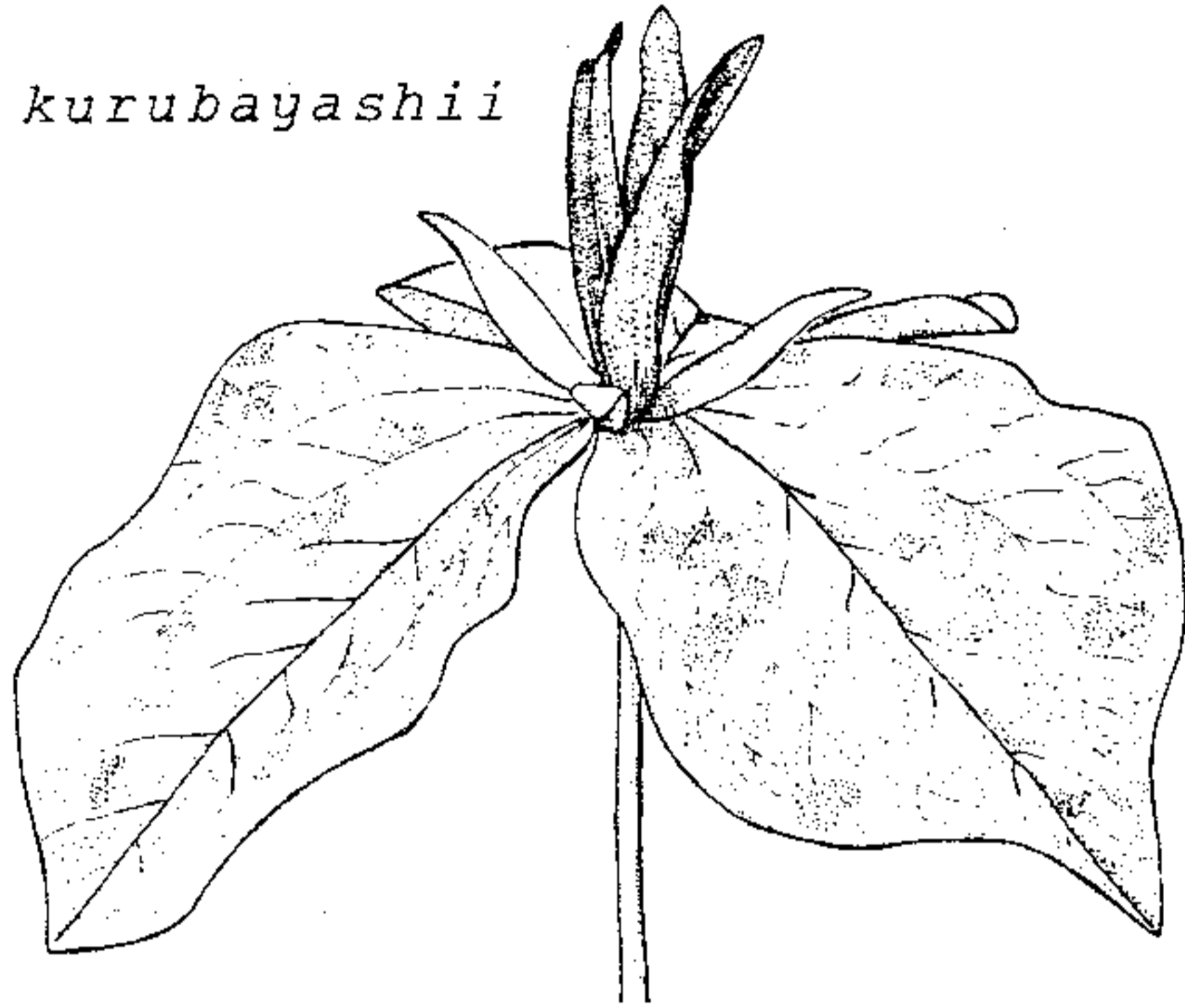
BOTANICAL ILLUSTRATION WORKSHOP

Saturday, 8 January 1983, 9:00-12:00 noon
and 1:00-3:00 p.m.
University of Oregon, Room 33, Science II
\$5.00 registration fee L. Vorobik 686-3033

Linda Vorobik, NPSO Editor, will be teaching a two-part workshop on Saturday, January 8th. The first part of the day will be spent rendering the basic forms of plant subjects into recognizable and accurate pencil drawings. The morning's goal is to finish at least one pencil sketch or drawing. After lunch, participants will be introduced to different media, especially pen and ink and watercolor. Stations will be set up so that participants can try different kinds of papers, pens, watercolors, etc. An array of published and unpublished illustrations will be arranged for viewing and discussion. Participants may spend the afternoon developing their

morning's sketch with pen and ink or watercolors if they wish. Linda aims to teach beginners the fundamentals of drawing basic plant forms, but artists and illustrators with any amount of experience are encouraged to attend.

Trillium kurubayashii



schedule

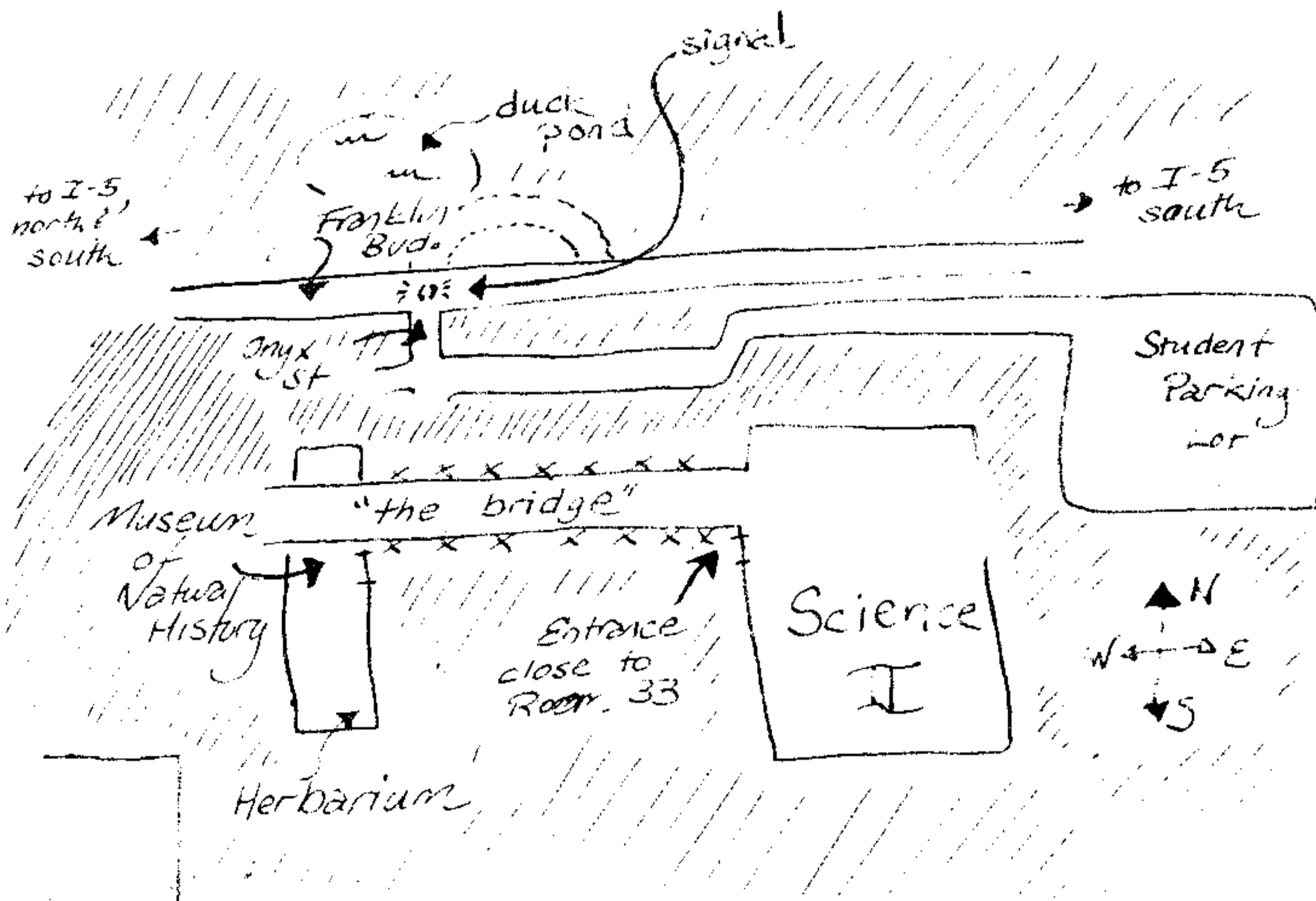
- 9:00 introduction, drawing basic forms, composition
- 10:00 drawing exercises
- 12:00 lunchbreak
- 1:00 exploration of illustration media
- 3:00 optional workshop/discussion until 5:00 p.m.

materials

- number 2 pencil or softer
- kneaded eraser
- pencil sharpener
- sketchpad (larger sizes are better unless you are only interested in field sketching)
- optional: ink drawing materials, watercolor materials, or other media and papers.

fee

a \$5.00 registration fee must be received by the Emerald Chapter of the NPSO no later than Friday, 7 January. Send check or money order to: Emerald Chapter of the NPSO, Juanita Manley, Treasurer, 2550 Warren, Eugene OR 97405.



location

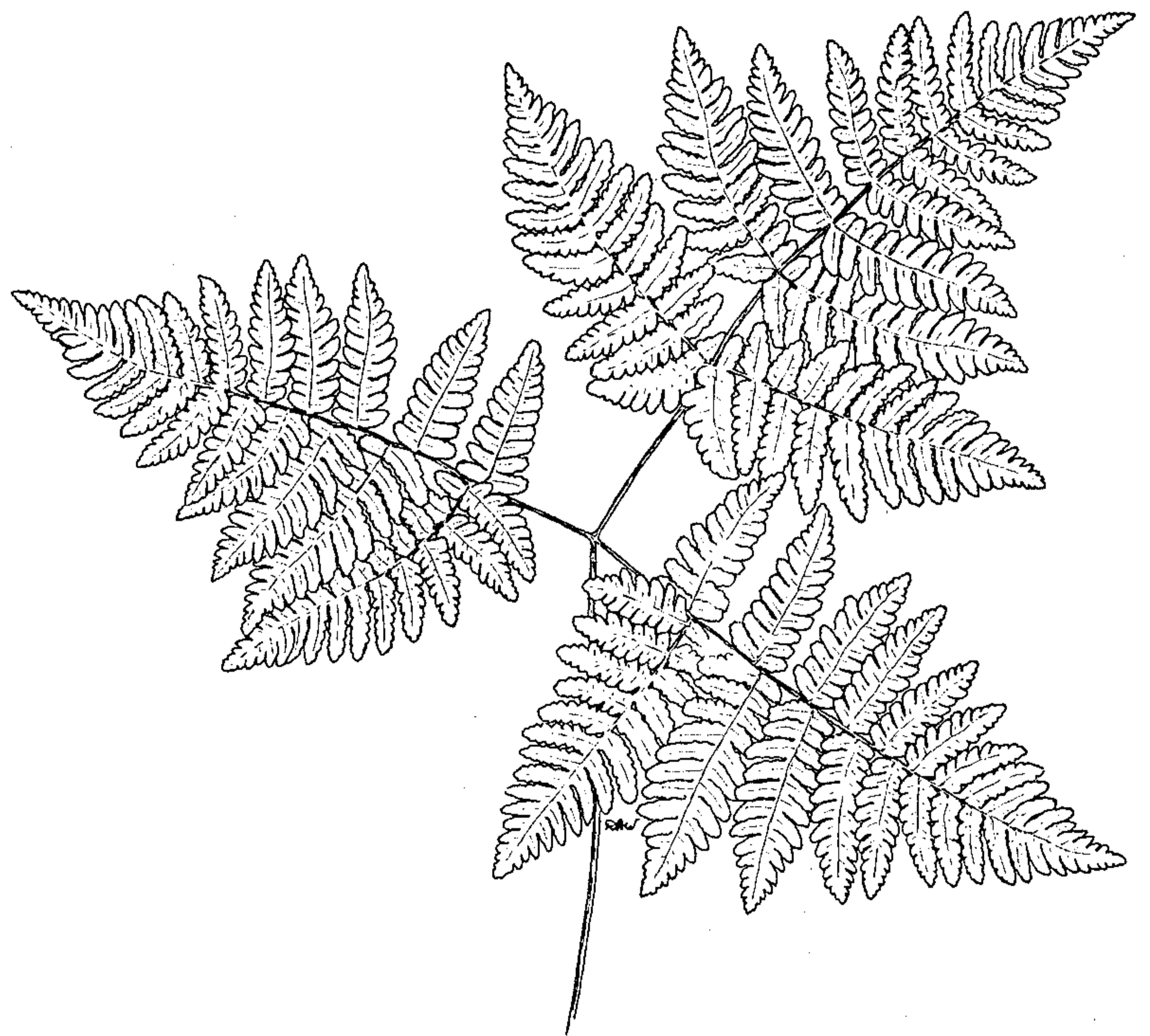
Room 33, Science II is located on the University of Oregon Campus, across from the Museum of Natural History. Parking is available in a student lot to the east of the Science II building.

Ms. Vorobik has been illustrating for over 5 years, and many of her works have been published. Her pen and ink illustrations can be viewed at the U. of O. Museum of Natural History, 12 noon to 5 p.m., Tuesday - Saturday. Prints and originals are for sale. For more information about the workshop, call Linda at 686-3033, or 689-9256 (home).

WAGNER'S FERNTASTIC NATURE CALENDAR FOR 1983

The people in Eugene have recently been presented with Dave Wagner's new nature calendar. It features the information of interest to all naturalists: phases of the moon, day length, good clamming tides, bloom time of spring plants, spring bird migration dates, gray whale migration times, and many other tidbits of nature notes relating to the natural environment of northwestern Oregon. It is illustrated with original drawings of ferns and liverworts accompanied by short lessons. It is being sold to support Dave's botanical enterprises on his spring, 1983 sabbatical. You can get a copy by sending \$5.00 to him at:

David Wagner
Box 30064
Eugene, OR 97403



Gymnocarpium dryopteris

BOOK REVIEW

Rocky Mountain Wildflowers. Wildflowers 4, by Ronald J. Taylor with photography by Bob and Ira Spring. Touchstone Press. Beaverton, Oregon. \$7.95.

Wildflowers 4 is a field identification book presenting wildflowers that can be readily located in the Rocky Mountains from New Mexico to the Canadian border. The various species were identified and photographed in such areas as: the Gros Ventre Wilderness, Wyoming; Colorado National Monument, New Mexico; Yellowstone Glacier and Teton National Parks; and Utah's Uinta National Forest. This is an excellent book for the western wildflower lover.

An interesting Distribution Map divides the Rocky Mountains into three subdivisions -- Northern, Southern, and the Middle Rocky Mountains (including the Uintas Mountains.) Three succinct pages identify the various zones and give a thumbnail history of the Rocky Mountains.

The book is inviting reading, physically speaking, with very clear, clean type and darker headings for identification purposes. To facilitate field identification, representative plants have been arranged first according to color, secondly by flower shape, and third, alphabetically by common name.

Four pages in the front of the book initiate the reader into floral symbolism. The various flower shapes are identified with simplified drawings. Each of these appears on the top of the page by the flower illustration. In another small box next to the floral symbol is the color of the plant. Symbols stand for fused petal flowers, non-fused petals, bell-shaped, sunflower types, and others.

The flowers are then arranged by common name, Latin species name and family. The author says "there is no single 'right' name for the plants in the book. The common names used are thought to be those most widely accepted or, in the biased opinion of the author, the most appropriate."

Each page carries two flower photographs, generally 1½ x 3 inches or 3½ x 2 inches. The varying shapes on the pages lend interest, as, of course, does the color photography. The photographs are large enough to allow interesting backgrounds to be photographed as well as the flowers. Several attractive black and white scenes also grace the book. Ira Spring, the photographer, writes an illuminating page at the close of the book on cameras and flower photography. He discusses lenses and film and writes of his real experiences that will make the photographer/reader smile in assent.

Taylor's flower selection shows common flowers that are sometimes overlooked and he treats them with equal respect as the beauties and exotics that are included. He treats the Sandwort, the asters and the daisies well, along with the pink and yellow Monkeyflowers and the Yellow Lady Slipper, to name just a few. Many of our favorites are listed here, and those that are not local invite us to travel to see them.

The one column half-page text under each illustration tells the reader little tidbits of information as well as the technical items of note.

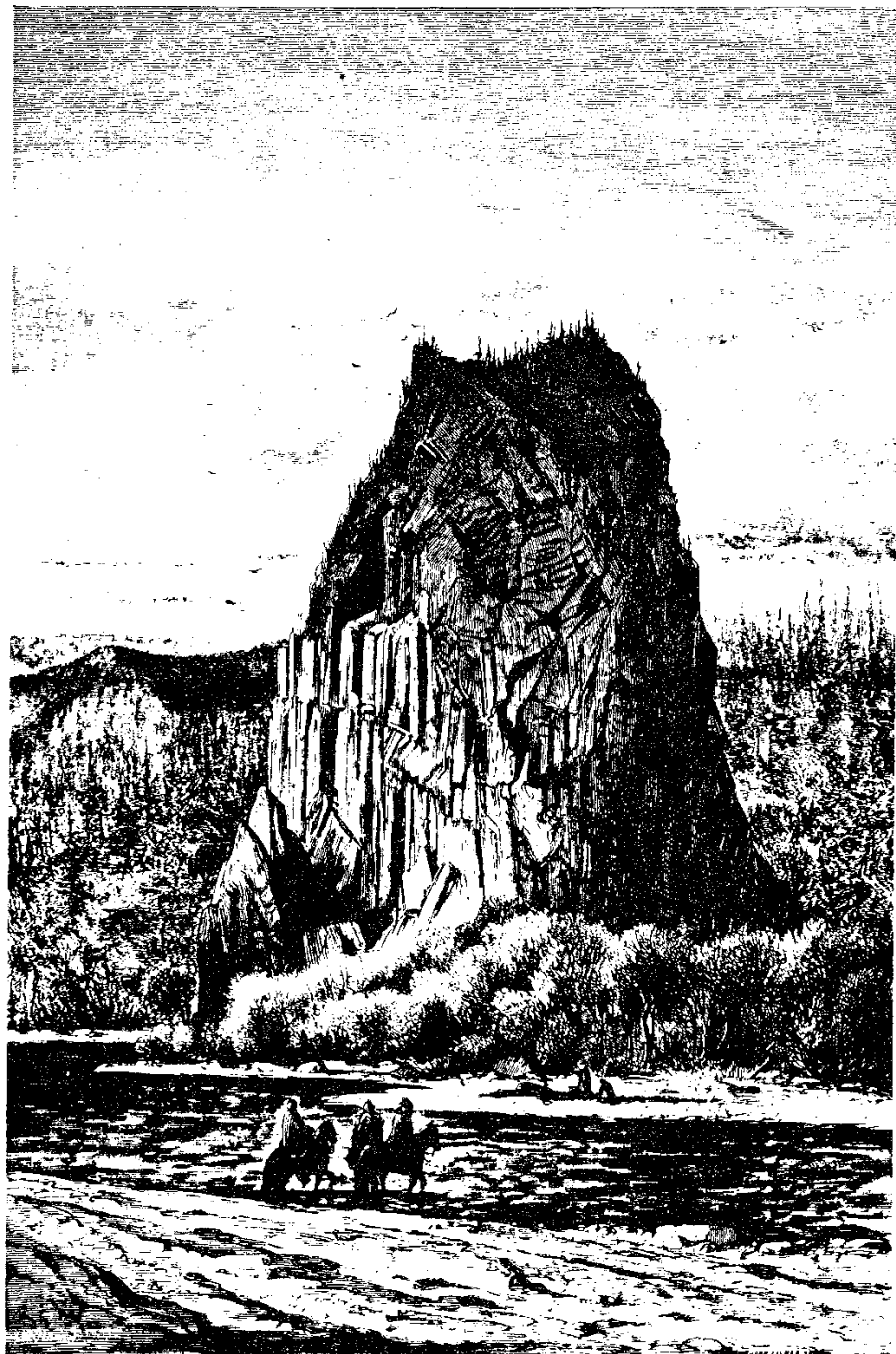
Reference materials include an index to common and Latin names, a glossary and illustrations of plant structures.

Rocky Mountain Wildflowers is not too often seen in local bookstores, but it is a field identification book that is well worth the money, as it gives hours of easy entertainment, in or out of the field.

The Army Corps of Engineers is currently planning construction of a new navigation locks at Bonneville Dam to accommodate larger vessels. This project would require excavation of over 3 million cubic yards of rock and earth, referred to as "spoils." The problem is - What to do with these spoils?

The Corps has listed several alternative sites for disposal of the spoils, but clearly at the top of their list are Pierce and Ives Islands, in the Columbia River near Beacon Rock. The spoils would be deposited on these islands to a depth of from 15 to 30 feet above their present natural level.

The two pristine islands are central features of what may be the most scenic and still natural part of the Columbia River Gorge. The area is much the same as it was when Lewis and Clark passed by in 1805. Here the river is free-flowing within its natural shores. Beacon Rock and Mt. Hamilton stand just to the north, while on the Oregon side there are spectacular waterfalls and forested ridges rising to nearly 4000 feet above the river. Deer, coyotes, beavers, blue herons, bald eagles, and a variety of other birds and mammals make their homes on the two islands. Canada geese and Rocky Mountain elk use the islands seasonally. Bear tracks are commonly seen on the mainland shore just opposite Pierce Island.



1871 etching of Beacon Rock, from the shore of Pierce Island in the Columbia R.



Artemisia lindleyana



Artemisia campestris



Rorippa columbiana

Drawings from Hitchcock, et al, Volume 5, Vascular Plants of the Pacific Northwest

In addition, there are excellent populations of at least three species of native plants which are considered threatened or endangered, primarily because most of their natural habitat has been inundated behind dams on the Columbia. The first of these is Artemisia campestris ssp. borealis var. wormskioldii (northern wormwood), listed as "sensitive" by Washington; will be listed as "rare and endangered" by Oregon; added to the federal list at the March 1982 Conference in Bend. There is a 5-10 acre

stand of this species on Ives Island, easily the finest known population in the northwest. This location is some 25 miles west of the previously known occurrences of A. campestris. At least three other plants normally found east the Cascades are also found on the islands, namely: Mimulus breviflorus, Grindelia columbiana, and Gaillardia aristata.

The second species is Artemisia lindleyana (riverbank wormwood), listed as "sensitive" by Washington and "rare and endangered" by Oregon. This very aromatic sage is more common than A. campestris, but the undisturbed population along the shoreline of the two islands is probably the best in existence.

The third species is Rorippa columbiana (Columbia cress), listed as "endangered" in Washington, "rare and endangered" in Oregon, "rare and endangered" in California, and as "candidate threatened" on the federal list. This perennial crucifer lives near the waterline, thus far found at nine sites around the shoreline of Pierce Island, two sites on Ives Island, and numerous sites along the Washington shore just opposite Ives Island. More intensive survey of both islands will be conducted after the river level drops next summer.

Pierce Island also has some excellent stands of native grasses, including at least two possibly unique types of Deschampsia caespitosa communities.

Large parts of both islands are flooded annually at high water of the Columbia in May and June. If any of the potentially flooded area were covered by spoils it could be expected that periodic flooding would continually wash sediments out of the spoils heap onto the adjacent lands. Thus even the area not directly covered by spoils could be modified sufficiently to endanger existing plant and animal habitats.

The Washington Department of Game has written, "The use of Ives and Pierce Islands as receptacles for excavation material should be avoided. These islands have extremely important wildlife habitat that would be destroyed or severely altered by the proposal. If Columbia River flooding occurs before island revegetation, serious siltation and erosion problems would result. We advise that alternate fill areas be found for excavated material."

In 1931, the Corps had its eye on Beacon Rock as a source of rock for jetty construction on the coast. Only public outcry saved it from demolition. Now, in 1982, we must again let the Corps know that they should not destroy these excellent natural areas of the Gorge. Other spoils disposal sites are available which will not endanger natural environments.

Please write to Patrick Keough, Engineering Planning, Corps of Engineers, P.O. Box 2946, Portland, Oregon 97208, urging that no spoils be deposited on Pierce or Ives Islands, and that other, less sensitive disposal sites be selected. Since the new locks project has not yet been authorized or funded by Congress, it is extremely important that copies of your letter be sent to Senators Hatfield and Packwood and to your Congressman.

Russ Jolley
Portland Chapter



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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.

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Chimophila
menziesii

little prince's pine