

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

Volume 20 No. 7

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1987 The Year of the Oregon Endangered Species Act

CHAPTER NEWS

Blue Mountain

11 July, Sat.

Field Trip to MT. HOWARD at Wallowa Lake. Bring lunch and money for gondola ride and meet at EMCC Greenhouse at 7:00 am or at the Safeway parking lot in LaGrande at 8:15 am. Leader: Bruce Barnes.

Corvallis

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There will be no meetings or presentations until October. For information, contact Dan Luoma (758-8063).

Emerald

13 July, Mon.

Meeting, 8:00pm. Amazon Community Center, 2700 Hilyard, Eugene. A slideshow entitled "Lane County's Rare and Endangered Plant Species" will be given by Charlene Simpson.

High Desert

All field trips leave from the parking lot behind MacDonald's Restaurant, 2048 NE 3rd, Bend, at 9:00am. Carpools are encouraged. Bring a backpack lunch. Non-members are welcome. For more information, call Stu Garrett (382-2681).

18 July, Sat.

Field Trip to CONE PEAK-IRON MOUNTAIN, one of the classic Cascade wildflower displays. Moderate to strenuous 6 mile hike. Leader: Stu Garrett (382-2681).

22 Aug., Sat.

Field Trip to BROKEN TOP. Spectacular alpine wildflowers and geology. Moderate 5 mile hike. Leader: Stu Garrett.

Mid Columbia

1 July, Wed.

Meeting at 7:30pm at Stuart and Mildred Chapins' home (end of Eyrie Road, White Salmon, Washington). The program will be slides from southwestern Oregon. Meet at 7:15pm at Hood River Inn parking lot for carpooling and directions or call the Chapins at 509-493-2823.

North Coast

2 July, Thur.

Meeting, 7:30 pm at 4590 Bayocean Road NW, Tillamook.

12 July, Sun.

Field Trip: Oceanside to Netarts Beach. Meet at Oceanside Wayside parking lot at 8:30 am. Leader: Clarice Maxwell (842-7023).

## Portland

- 3,4,5,6 July Field Trip to the Willowa Mountains. Friday: meet at the Mt. Howard gondola; Sat.: Hurricane Creek Campground at 8:00am; Sun. meet at Ice Lake trailhead, 8:00am; Mon. to be decided (Mt. Emily is on the way home). Leader: Charlene Holzwarth (284-3444).
- 11 July, Sat. Field Trip along the Pacific Crest Trail #2000, west from Lolo Pass. Hike 8 miles with return on same trail. Meet at Zigzag Ranger Station at 8:00am. For information, contact Charlene (284-3444).
- 14 July, Tues. Meeting 7:00 pm. First United Methodist Church, 1838 SW Jefferson St., Portland. The program will be given by Rhoda Love on "GREAT BOTANIC GARDENS OF AUSTRALIA".
- 18 July, Sat. Field Trip to Squaw Mountain. Meet at the Estacada Ranger Station at 9:00am. For information, contact Charlene.
- 25 July, Sat. Field Trip to Barlow Butte, steep hike. Meet at the Zigzag Ranger Station at 8:00am. For information call Charlene.
- 25 July Lily Show at Clackamas, Oregon.
- 1 Aug., Sat. Field Trip to Mt. Adams with Keith Chamberlain. Meet at parking lot at K-Mart on 122nd and Sandy Blvd. at 8:00am or at the Trout Lake Ranger Station at 9:30 am. For information contact Charlene (284-3444) or Keith (1-478-3314).
- 8 Aug., Sat. Field Trip to Western 4-H Center near Salem, picnic and partly driving, special invitation to mid-valley friends. Meet at Wilsonville reststop on I-5 So. at 8:00am or Salem park at bridge at 9:00am. For information, call Charlene.

## Siskiyou

- 12 July, Sun. Field Trip to White Mountain via Tincup Trail. A remote, roadless section of the Siskiyou Crest. High elevation peridotite species. About 8 miles round trip with grades and some cross-country scrambling. Meet at Ashland Bi-Mart at 8:00am, or Medford K-Mart at 8:30am. Leader: Larry Loftis (535-3053).

## Willamette Valley

- 11 July, Sat. Field Trip to Maxwell Butte. Two hour drive, 4 mile trail, last  $\frac{1}{4}$  mile is steep. Outstanding Phlox display. Carpool at 8:00am at Salem K-Mart (south). Leader: Wilbur Bluhm (393-2934).
- 25 July, Sat. Field Trip to Walker Creek on the Nestucca River drainage. Easy hike. Bring a friend to see Sidalcea nelsoniana. Carpool at 8:00 am at S.Salem K-Mart. Leader: Judy Armstrong (581-3133).

## Wm. Cusick

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For information, contact Rachel Sines (963-0674).

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### W E L C O M E N E W M E M B E R S

#### EMERALD

Environmental Studies Center

#### HIGH DESERT

Beth Bolles  
Juliet Robertson & Family

#### MID COLUMBIA

Jerry Mohar

#### NORTH COAST

Jean Cook  
Stuart & Clarice Maxwell

#### PORTLAND

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Anne Crockatt  
Pat Dorr  
Mary Lee Gregg  
Daniel Hasenoehrl  
Terry Mills  
Willa Nehlsen  
Portland Garden Club  
The Wells Family

#### SISKIYOU

Anne Decker

#### WILLAMETTE VALLEY

Cindy Hohenleitner  
Ann Maureen Scully

#### WM. CUSICK

Richard & Carol Apple



## DAVID DOUGLAS - EARLY NW PLANT EXPLORER

David Douglas, one of the first plant explorers in the Northwest, became a well-known figure in the early history of Oregon. His first explorations, sponsored by the Royal Horticultural Society of Britain, will be discussed on Wednesday, July 22, at 7:30 p.m., at the World Forestry Center in Portland, OR. This free program is presented by the Hoyt Arboretum Friends Foundation.

Bob Cooper, an instructor at Central Oregon Community College, uses readings from Douglas's personal trip journals to weave this fascinating story. Douglas visited the Northwest in the 1820's and 1830's to collect "vegetable (plant) treasures" for Royal Horticultural Society members. These members would then add the new plants to their extensive gardens. He was connected with some legendary figures in gardening history, including Dr. Hooker, the founder of Kew Gardens. Douglas was also connected with the Hudson's Bay Company.

The program will be preceded by a short slide show on Oregon's many native plants. For more information on the talk, call the Arboetum at 228-8732.

## SISKIYOU CHAPTER ELECTS NEW OFFICERS

The newly elected officers for the Siskiyou Chapter are:

President:	Wayne Rolle
1st Vice-President:	Frank Lang
2nd Vice-President:	Joan Seevers
Sec./Treasurer:	Anita Seda

## NORTH COAST CHAPTER ELECTS NEW OFFICERS

New officers for this chapter are:

President:	Clara Farifield
V-President:	Gregg Cline
Sec./Treas.:	Clarice Maxwell

## BLUE MOUNTAIN CHAPTER FIELD TRIP REPORT

Fifteen "die-hards" from all over Oregon endured and enjoyed a full day of showers and plants in Grant County's Logan Valley (located east of Seneca on Grant County/Forest Service Road #16). One very special botanical find was an apparently disjunct population of Castilleja pilosa steenensis. We endured wind and "near-snow" rain at 7700 feet to find Steer's Head Bleedingheart carpeting the gravelly slopes that had been under snow a week earlier. Everyone enjoyed the panoramic views of the south side of the Strawberry Mountains across square miles of purplish fields of Elephant Heads, Pedicularis groenlandica. For a complete checklist of the entire trip, contact Karl Urban, PO Box 100, Pendleton, OR 97801 or Jan Anderson, Bulletin Editor.

## FLOWERS IN THE FOREST SHOW

The Portland Chapter's Native Plant Show, "Flowers in the Forest", was a great success and a lot of fun. The displays were set up in the World Forestry Center this year; a location that we had not used before.

The format was different than previous shows - most table displays were groupings of plants by habitat rather than by family. These included The North Coast, East & West Slopes of the Cascades, the Columbia Gorge (three tables' worth), Central Oregon Juniper, Mountain Bogs, Sub Alpine Forest, and Willamette Valley. There were also displays of weeds, mosses, ferns, grasses, conifers, deciduous trees and "odds and ends" (including mistletoes and plant galls). Don Eastman of the Willamette Valley Chapter provided beautiful photographs of many of Oregon's Rare & Endangered plants. Three different members gave slide shows each day in the theater adjoining the exhibit area. The hostesses and hosts were kept busy answering questions. There was a great turnout and a lot of interest shown in native plants and in NPSO.

Jeanne Huffstutter, plant show chairman, extends a hearty thank you to all those who helped; and Jeanne, thank you for all your work.

## Rare, Threatened, Endangered list out

The Oregon Natural Heritage Data Base's publication of Rare, Threatened and Endangered Plants and Animals of Oregon is available now in its April, 1987 edition. The Data Base is located at 1234 NW 25th Avenue, Portland, Oregon 97210 (228-9550). The booklet costs \$3 if picked up at the office or \$4 if mailed.

## UPDATE ON WALKER CREEK WETLANDS

McMinnville Water and Light is determined to build a dam on Walker Creek and is actively pursuing a campaign to bring political pressure that would block the "listing" of Sidalcea nelsoniana as a threatened species and force BLM to grant right-of-way approval for the dam and reservoir.

WHAT YOU CAN DO TO HELP: All the laws, both federal and state, are on "our side", but the battle has now shifted into the Washington, D.C., political arena. Senator Mark Hatfield and Congressman Les AuCoin, key members of the Appropriations Committees, have the ability (more than anyone else) to save Walker Creek Wetlands and its rare plant and animal species.

Please write Congressman AuCoin and Senator Hatfield to express your support for the listing of Nelson's Checkermallow and for protection of the wetlands. Specifically request that they appropriate "Land and Water Conservation Funds" to purchase the parcels of private land so that the entire 1900 acre basin can be protected. Please send copies of your letter to Senator Packwood, to your own Congressman (if not AuCoin), and to Governor Neil Goldschmidt.

Friends of Walker Creek Wetlands



## Saving Plants in Botanic Gardens

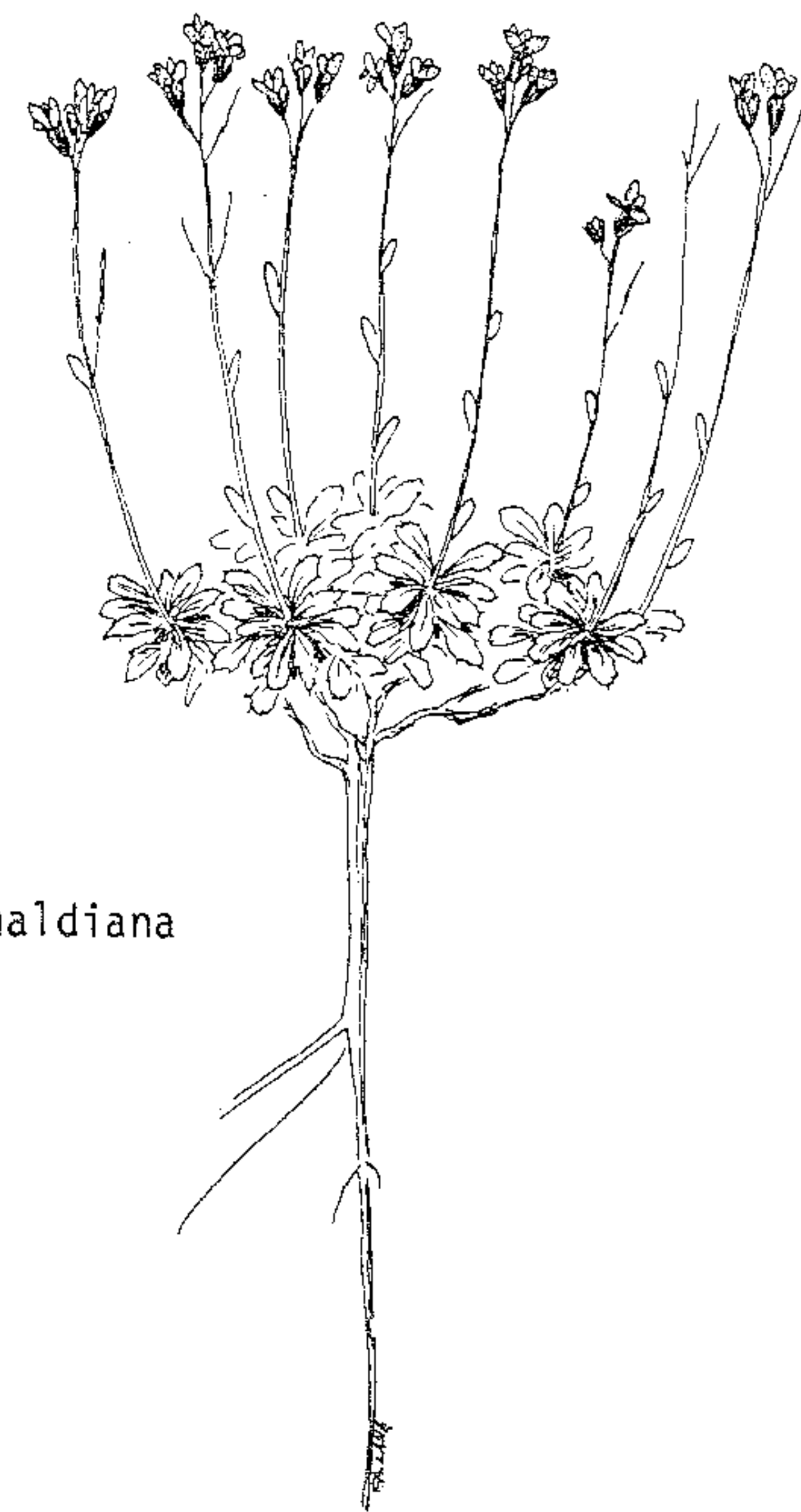
Growing and propagating native plants is a familiar subject to native plant enthusiasts. The same principles used to grow native wildflowers applies to conserving our nation's rarest plants as well. However, because of their rarity, it is important that rare plants be grown as part of institutional commitments. This precaution allows continuity of conservation efforts which, by nature, are long-term.

This premise of institutional commitment to growing rare plants is an important one for the Center for Plant Conservation. Formed in 1984, the Center is a network of 19 botanical gardens and arboreta strategically located throughout the continental United States and Hawaii. The propagation and conservation efforts are coordinated by a national office in Jamaica Plain, Massachusetts, and scientific programs are routinely reviewed by a prestigious scientific Advisory Council.

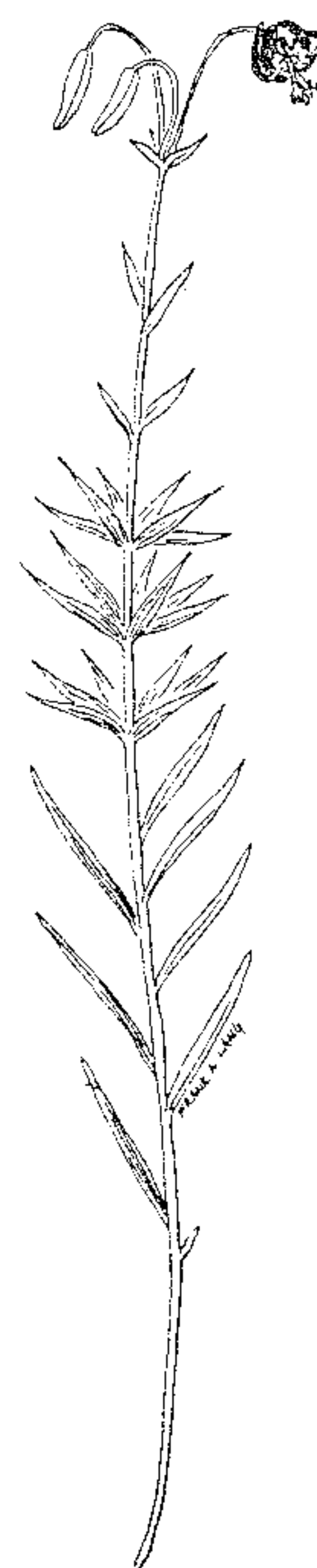
For the Pacific Northwest, our principle botanical institution is the Berry Botanic Garden in Portland, Oregon. The geographic area is ably represented on our Advisory Council by Dr. Arthur Kruckeberg of the University of Washington. California institutions affiliated with the Center are the Rancho Santa Ana Botanic Garden in Claremont, California and the University of California Botanical Garden in Berkeley, California.

Oregon is an important state for the Center's program, ranking fourth in the country for the number of nationally rare plants within its borders. Many of these 147 taxa are highly endangered, making our conservation efforts critical for the ultimate survival of the species.

The Center contributes to conserving rare species through seed storage, propagation, and research. Seeds of rare plants are stored either at botanic gardens such as the one at the Berry Botanic Garden, or at facilities of the U.S. Department of Agriculture. For many species, our participating botanical gardens grow and propagate specimens as a living gene pool repository. Some of the specimens are used for public education and display. Additionally, the gardens carry out research on how to propagate and grow the species; this adds to our knowledge about how to maintain the species in the long run. Propagated material is available for carefully monitored reintroductions by natural resource agencies or similar groups and for research. Particularly useful is research that can lead to better knowledge of how to manage existing wild populations. To this end, we work cooperatively with the U.S. and state



*Arabis mcdonaldiana*



*Lilium occidentale*



*Phacelia argentea*

governments, The Nature Conservancy, and other conservation groups.

In 1985 and 1986, the Berry Botanic Garden began growing and propagating the following species as part of the Center's program:

Abronia umbellata ssp. breviflora

Arabis koehleri var. koehleri, Koehler's rock cress

Arabis mcdonaldiana, McDonald's rock cress

Aster vialis

Erythronium elegans

Hastingsia bracteosa

Lilium occidentale, western lily

Lomatium bradshawii, Bradshaw desert-parsley

Penstemon barrettiae, Barrett's penstemon

Phacelia argentea, silvery phacelia

Sidalcea nelsoniana, Nelson's checker-mallow

Berry has proposed the addition of another ten species in 1987.

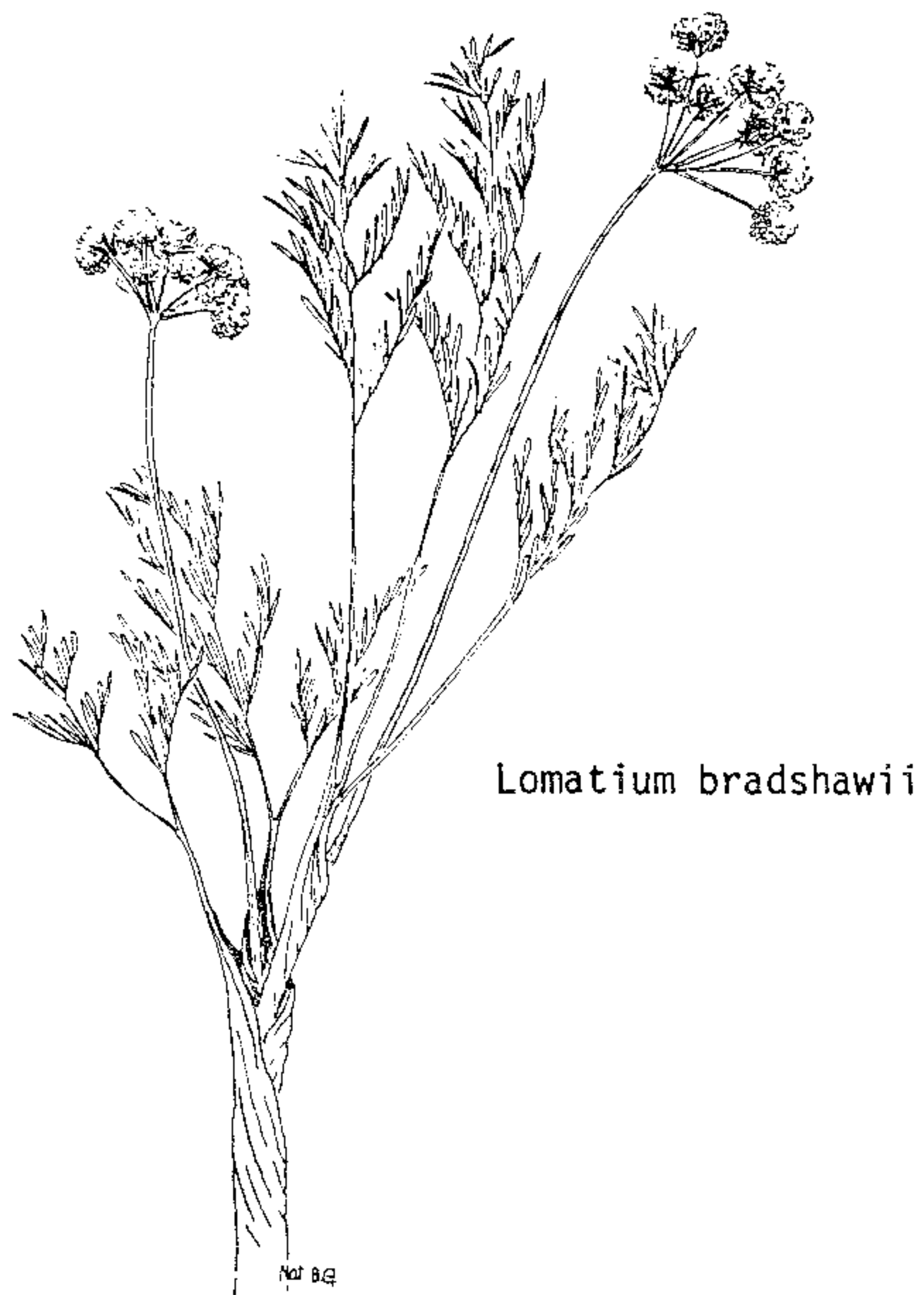
The success of our efforts depend upon people, including the propagators at our participating botanical gardens and arboreta (such as Julie Kierstead at the Berry Botanic Garden) and interested individuals like yourselves. If you wish to help in this effort, many options are available, including:

- o Support the Berry Botanic Garden through membership and donations. Target donations for the native plant conservation efforts.
- o Provide information about propagating specific rare taxa and their more common relatives to the Berry Botanic Garden.
- o Support the Center for Plant Conservation. Our Permanent Preservation Fund is designed to provide permanent funding for maintaining cultivated populations of rare plants. Donations are welcome. If you can donate \$5,000 or more, we will add a plant species to the National Collection in your name.
- o Find out more information. Write to the Berry Botanic Garden, 11505 SW Summerville Ave., Portland, Oregon 97219 or to me at the Center for Plant Conservation, 125 The Arborway, Jamaica Plain, MA 02130, for more information about our program.

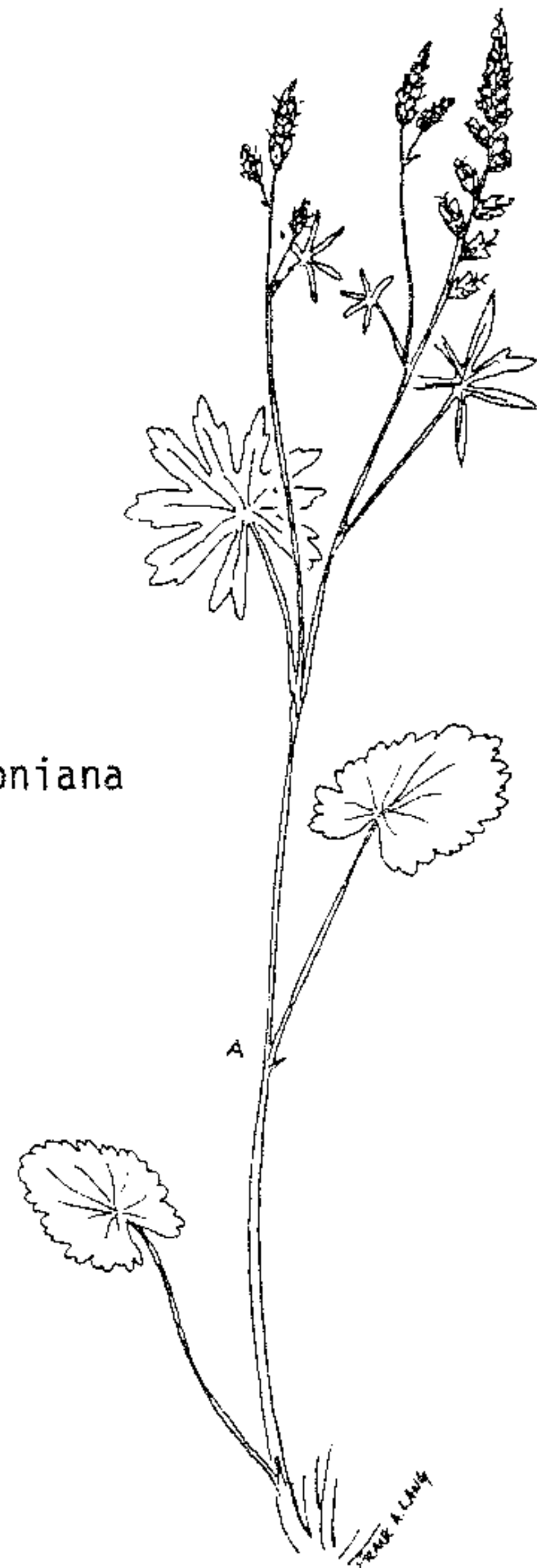
--Linda R. McMahan

Center for Plant Conservation

Linda is an Oregon native who was born and raised in Corvallis. She has a Ph.D. in botany and a law degree; her current research is on state plant conservation law. Linda has been a botanist at the Center for Plant Conservation since the fall of 1985.



Lomatium bradshawii



Sidalcea nelsoniana



Arabis koehleri

(Illustration from Threatened and Endangered Vascular Plants of Oregon: An Illustrated Guide.)



## HAVE YOU ORDERED YOUR NPSO T-SHIRT YET?

There is still an assortment of NPSO shirts available. They are in men's sizes. The T-shirts are 100% cotton and the sweatshirts are a cotton/poly blend.

### Short Sleeve

NPSO emblem (white with green)	large only
Gray <u>Opuntia polyacantha</u>	S L X-Lg.
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Lilac <u>Darlingtonia californica</u>	S
Teal <u>Delphinium leucophacum</u>	S M
Yellow <u>Lomatium cookii</u>	S M L

### Long Sleeve

Lt. Blue <u>Smilacina racemosa</u>	M
White <u>Opuntia polyacantha</u>	S M L
Yellow <u>Erythronium</u>	M L
Lilac <u>Opuntia polyacantha</u>	L
Red <u>Opuntia polyacantha</u>	M L
Gray <u>Opuntia</u>	S M L X-Lg

### Sweatshirts

Teal <u>Cornus canadensis</u>	M L
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White NPSO T-shirts	6.25
All other short sleeve T-shirts	7.00
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Swaetshirts	16.00

Order from Nadine Smith, 1128 Jackson St., Eugene, OR 97402. Include \$1 for postage for each shirt.

## THIRD ANNUAL ELKHORNS AMBLE FUNDRAISING HIKES

On Friday, July 24 and Saturday, July 25, 1987, the Oregon Natural Resources Council, Powder River Sportsmen and Grande Ronde Resources Council will hold the Third Annual Elkhorns Amble at Anthony Lakes Campground at the base of the magnificent Elkhorn Mtns.

The Amble begins Friday evening with a chili dinner at Anthony Lakes Campground. All participants are invited for dinner and to orient themselves for Saturday's events.

In the tradition of the Elkhorns Amble, there will be a hike for everyone. There will be several different hikes to choose from, varying in degree of difficulty from a 22-mile crest hike to a leisurely two mile stroll. Hikers will be transported to and from trailhead and departure points.

Registration is \$12 which includes chili dinner Friday evening and breakfast Sat. morning or \$18 registration fee which includes Friday night dinner, breakfast and chicken BBQ Saturday. Registration fee may be covered by collected pledges payable during the weekend. Hikers are encouraged to seek tax-deductible pledges from friends, neighbors and family, which will go toward supporting your choice of one or all the sponsoring organizations.

## 1961 EDITION OF PECK FOR SALE

A mint condition volume of Morton Peck's Manual of the Higher Plants of Oregon is available for sale. If interested, please contact Jan Anderson at 1960 NW Lovejoy, #2, Portland 97209 (248-9242).



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 Wm. Cusick (LaGrande Area) . . . . . Rachel Sines  
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 Membership in the Native Plant Society of Oregon is open  
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 membership chair.

BULLETIN

Editor . . . . . Jan Anderson  
 1960 Lovejoy #2, Portland, OR, 97209; 248-9242

The NPSO Bulletin is published monthly. Copy is due by  
 the 10th of the month & should be sent to the editor.  
 News, articles, photos, drawings, & non-copyrighted  
 materials are welcomed.

GUIDELINES FOR CONTRIBUTORS

The Bulletin is not typeset; therefore typed,  
 camera-ready copy is much appreciated. But  
 no submission will be rejected because it is  
 not typed. Please proofread & check facts.

DEADLINE: 10th of each month

FORMAT: Copy should be typed in 4 1/4 inch wide  
 columns, of any length. Author's name & chap-  
 ter affiliation (or other organization) are  
 typed at the end of the article. There is no  
 standard paragraph treatment; one of these  
 is suggested:

\* for long articles, double space between  
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 word of the paragraph

\* for short articles or short paragraphs,  
 when double spacing looks odd, indent  
 the first word of the paragraph instead

Type your own headline, centered, all caps.  
 In case of special formats, e.g. plant keys,  
 you are free to choose the layout.

CREDITS: For each submission, provide

\* title

\* author--specify whether byline is desired  
 for news items

\* instructions as to whether item is to be  
 used in entirety or excerpted at editor's  
 discretion

\* source & date if item is not original

ILLUSTRATIONS: black & white prints, ink  
 drawings, woodcuts, halftones, et al. We  
 welcome small doodles as well as larger  
 efforts. Please give source & date, if not  
 original.

SCIENTIFIC NAMES should follow Hitchcock &  
 Cronquist's Flora of the Pacific Northwest  
 where possible. Use of both scientific &  
 common names is encouraged. Genus & species  
 names are underlined or italicized.

RETURN OF ORIGINALS: Manuscripts & illustra-  
 tions will not be returned unless it is  
 requested.

The Bulletin is published as a service to  
 NPSO members & the public. Your suggestions  
 & comments are always welcome.

# # #

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

- |                                       |                                   |             |
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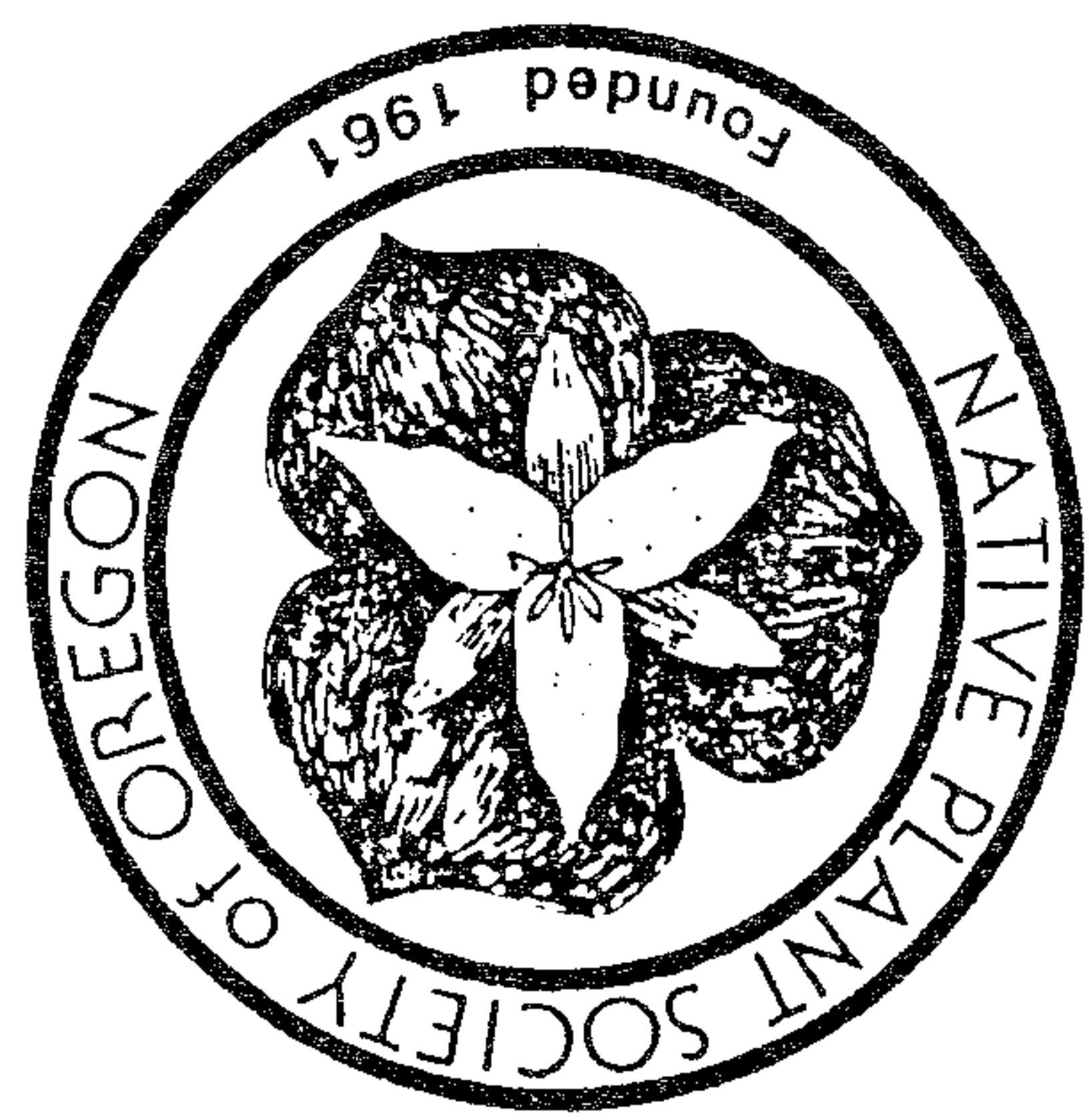
\*CONTRIBUTIONS: Jean Davis Memorial Award Fund . . . \$ \_\_\_\_\_  
 Rare and Endangered Plant Fund . . . \$ \_\_\_\_\_

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 Please make checks for dues & contributions payable to NATIVE PLANT SOCIETY OF OREGON. Send completed form  
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