

Bulletin of the Native Plant Society of Oregon

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

VOLUME 27

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State News

Sept. 10, Sat.

Board Meeting: Bend. 10 A.M. to 4 P.M. Central Oregon Environmental Center, 16 NW Kansas. Take lunch. Call Bruce Rittenhouse, 503-888-9328, for information.

Spring 1995

Annual Meeting: Portland. Details in future Bulletins.

Chapter News

Blue Mountain

Meeting: None in August.

Corvallis

Meeting: No meetings until October.

Emerald

Meeting: No meetings until September.

High Desert

Meeting: No meetings until September.

Mid-Columbia

Aug. 3, Wed.

Meeting: 6:30 P.M. Potluck dinner and meeting at the Igo home on Dry Creek Rd. We expect a visit from David Douglas. Call 503-478-3293 for directions.

North Coast

Meeting: No regular meeting in August.

Aug. 2. Tues.

Picnic: 6 P.M. Potluck at Kilchis Park.

Aug. 20, Sat.

Special Program: 7 P.M. at Cape Meares Community Center, on "Local Valuable Seaweeds" by Gayle Hansen. Call Jaylen Jones, 842-7710, for directions.

Aug. 21, Sun.

Field Trip: "Local Valuable Seaweeds" led by Gayle Hansen. Limited to ten. Call John Gerke, 503-842-5366, by August 17th, to preregister. Meet at Oceanside State Wayside parking lot at 7 A.M.

Portland

Meeting: None in August.

For all Portland Chapter field trips: You are advised to take lunch, rain gear, and the ten other essentials for safe back country travel: whistle, map, compass, flashlight, first aid kit, pocket knife, sun protection, waterproof matches, emergency blanket and emergency food and clothing. Hiking boots are suggested for all trips. Expect to pay 5 cents a mile for car pooling, and to sign a liability waiver.

Distances are for round trips, and are approximate. Trips meet at 8:30 A.M., at Oregon Department of Transportation, NE 60th and Glisan, unless otherwise specified.

Aug. 6, Sat.

Field Trip: Bird Creek Meadows, Yakima Indian Reservation., led by Katharine Diack. Expect to pay \$5 per car for parking. On the southeast side of Mt. Adams, the trail is high elevation, steep at times, but only 5 mi. round trip. Call 246-6572 for more information. Elevation is 1500 ft., driving distance 218 mi. Meet at 8 A.M.

Aug. 14, Sun.

Field Trip: Estacada Ranger District seed collecting with USFS botanist Gail Masters, 503-630-6861. Gail will lead us to several sites to collect native plant seed, for the exciting work of restoring native habitat. We will have an opportunity to provide input on sites needing restoring. Second meeting place: Estacada Ranger Station, Hwy. 224, 8:45 A.M.

Aug. 20, Sat.

Field Trip: Zig Zag Ranger District seed collecting with USFS botanist Mollie Sullivan, 503-666-0704, for the exciting work of restoring native habitat. We'll have an opportunity to provide input on sites needing restoring. Second meeting place is Zig Zag Ranger Station, Hwy. 26, at 9 A.M.

Aug. 21, Sun.

Field Trip: Mt. Adams Ranger Station, Trout Lake, WA. Indoor keying workshop with USFS botanist Caitlin Cray, 503-467-2291. Call by Aug. 12 to register. Take hand lens and key, if you have them. Second meeting place: Mt. Adams Ranger Station in Trout Lake, 9:30 A.M. Driving: 160 mi.

Aug. 27, Sun.

Field Trip: Clackamas Ranger District seed collecting with USFS botanist Bryce Smith, 503-630-4256. Bryce will lead us on a hunt for seed of squirrel tail grass, Columbia brome, penstemon, red-stem ceanothus and others. Second meeting place is Ripplebrook Ranger Station, Hwy. 224, 9 A.M.

A fall season of field trips is planned. Potential leaders should contact Mary Vogel, 645-1992, with offers of trips

Siskiyou

100

Meeting: No meetings until September.

Aug. 13, Sat.

Field Trip: Nabob Ridge-White Mountain Botanical Area. Barbara Mumblo will lead an all day easy to moderate hike to the high Siskiyou crest in the Applegate area. Meet at Star Ranger Station, 9 A.M. Take water and lunch. Call Barbara Mumblo, 899-1812, for more information.

South Coast

Aug. 20, Sat.

Field Trip: Monique Slipher will lead to the Game Lake Area, to view many serpentine endemic plant species. Meet at the Gold Beach Ranger District, 9 A.M. For information call Bruce Rittenhouse, 888-9328.

Umpqua Valley

Meeting: No meeting in August.

Aug. 13, Sat.

Field Trip: To Timpanagas Lake in the Willamette National Forest. Meet at the BLM parking lot at 7:15 A.M., for car pooling, with 7:30 A.M. departure. Call Mildred Thiele, 673-5397, for more information.

Willamette Valley

Officers Newly elected officers are: Mark Quistad, president; Tom Jenkins, vice president; Claire Hibler, secretary; Don Roberts, treasurer.

Aug. 6-7 Sat. - Sun.

Field Trip: Three Creeks Lake area on Saturday, easy for easy hike led by Clint Urey. Leave S. Salem K-Mart parking lot, Mission St., 8 A.M., for 11 A.M. meeting at Three Creek Meadow (horse camp), about 15 mi. ssw of Sisters. Tam McArthur Rim hike on Sunday, led by George and Harriett Schoppert. Steep hike for first half mile. Meet at 9 A.M., Three Creeks Lake store, about 16 mi. ssw of Sisters. Call Clint Urey, 393-0886, or the Schopperts, 859-2613, for information.

Aug. 15, Mon.

Meeting: 7 P.M. United Methodist Church, 600 State St. NE, Salem. Mark Quistad will talk on the status of "Flower Power" in Oregon, by using Roslyn Hill's garden on Alberta in Portland as an example.

Sept. 10, Sat.

Field Trip: Olallie Meadows Lake, in high Cascades. Gentians and other high mountain flora are of interest. Call Barbara and Glenn Halliday, trip leaders, 503-371-1025, for more information.

Wm. Cusick

Meeting: No meetings until September.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS Field trips take place rain or shine, so proper dress and footwear are essential. Trips may be strenuous and/or hazardous. Participation is at your own risk. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Bring water and lunch. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Each group using wilderness areas should be no larger than 12.

We Welcome New Members Who Joined From 4/18/94 to 7/9//94

Blue Mountain

Horne, Amy, DeForest, Christopher

Corvallis

Anderson, Jon, Florence Bolte, John, Elizabeth Greenlee, Jack

Emerald

Biesecker, Denis Dorris, Michael E. Harvey, Tanya Hornick, Rik Pearl, Christopher A Pryor, Karl

High Desert

Dobell, Judy
.Peterson, Jim
Rooper, William R.
Sandberg, Robert
Smith, Phyllis

Mid-Columbia

Laub, Heather

North Coast

Bartl, Rainmar Eid, Nancy Maret, Mary P. Porter, Louise

Portland

Bailey, David
Burrell, Galen
Conant & Conant Booksellers
Dostert, Hans
Edwards, Dixie, Scott
Fox, Brenda S.
Jahns, Ursula
Kahle, Wendy, Boles, Stan
Krueger, Mark, Simon, Marti
Larkin, Geralyn

Larkin, Geralyn Masters, Gale A. Meck, Bill, Ella Miller, Joanne Pacosa, Frank Wade, Jessica White, Dee

Siskiyou

Freeman, Dan Tapley, Mark

Umpqua Valley

Rosso, Abbey, Powell, Mark

Willamette Valley

Allardale, Melanie
Harper, Heidi
Money, Elma
Primbs, K.C.
Purnell, William E. Jr.
Seton, Edme R.
Yungen, Walter A.

William Cusick

Geer, Susan Schoenfelder, Tim

NPSO Items For Sale

Oregon's Rare Wildflower Poster depicts Punchbowl Falls and three of the Columbia River Gorge's endemic wildflowers. Text on the back describes the natural history of the Gorge and the mission of the NPSO. Available from Stu Garrett, 21663 Paloma Dr., Bend, OR 97701 (503-389-6981). Individuals may order posters at \$12 each, plus \$3 per order for shipping. Posters are mailed in tubes. Chapter treasurers may contact Stu, for wholesale prices to chapters.

NPSO Window Stickers are decals with NPSO's trillium logo in green over an opaque white background, for use inside car windows. Available from Stu Garrett. \$1 each; minimum order five.

NPSO Notecards feature seven rare plants drawn by Julie Kierstead and one by Valerie Sloane. They are printed on pastel parchment-style paper with matching envelopes. Sold through NPSO chapters, they cost \$4 per packet. Contact Lisa Croft, 699 W 2nd, Prineville, OR 97754 (503-447-5270).

NPSO T-Shirts are available in various colors and designs, and are sold through NPSO chapters.

NPSO's Original Wildflower Poster depicts 13 Oregon wildflowers in a striking artist's rendition. Soon to be a collector's item! Available from Stephanie Schulz, 652 W 10th St., #1, Eugene, OR 97402 (503-485-1868). \$5 each, plus \$3 per order for shipping. Posters are mailed in tubes.

NPSO Membership Directory lists names, addresses and telephone numbers of members, as of April, 1993. Available from Jan Dobak, 2584 NW Savier St., Portland, OR 97210-2412. \$2 each.

The Common Names of Oregon Plants Two Dozen Worts

One of the pleasures one gets from studying botany is the ability to identify plants by their correct names. Names, whether "scientific" Latin ones or less sophisticated "common names," are only the arbitrary labels we humans attach to plants. Still, we intuitively feel that to name a plant is to connect with it in a personal way (as we feel when addressing a friend by his or her given name). As a teacher and professional botanist, I tend to deal primarily with scientific names; yet, I appreciate the fact that common names are often quite useful, and — for many people — easier to learn and remember than Latin names.

The English common names of plants take many forms; some are quite distinctive and appropriate (e.g. waterlily, milkweed, monkey-flower), while others are quaint and unfamiliar to the modern ear (e.g. thoroughwort, henbane, eyebright). Many of the latter are antiquated names passed down to us from the folklore of prescientific European herbalists, who believed that the appearance of plants is a clue to their medicinal uses (the leaf of hepatica, for example, is shaped like the human liver, so concoctions of the plant are a treatment for liver diseases). Tracing the origins and meanings of these archaic names is a fascinating study in its own right. One class of such names is the subject of this article and plant puzzle.

There are numerous common names that end with the suffix "wort," like thoroughwort, mentioned above. I recently checked the dictionary definition of "wort" and found that it is Middle English and is derived from the Old English "wyrt," meaning root, herb or plant (the German word for root, Wurzel, is obviously related to this). Wort thus is defined as "an herbaceous plant." It occurred to me that readers of the NPSO Bulletin might enjoy a botanical puzzle, in which they would have to match a list of common names ending in "wort" with the appropriate Latin generic names Thoroughwort, for example, matches with the general Brickellia and Eupatorium of family Compositae. In the following list of generic names (species, in a few cases), put in the blank the number of the common wort-name from the second list. Answers will be given in the next issue of the Bulletin.

> Ken Chambers Corvallis Chapter

Arenaria	1. Bladderwort
Artemisia ludoviciana	2. Butterwort
Botrychium lunaria	3. Figwort
Cardamine (Dentaria)	4. Hornwort
Ceratophyllum	5. Liverwort
Elatine	6. Lousewort
Hypericum	7. Moneywort
Isoetes	8. Moonwort
Lapsana	9. Mudwort
Limosella	10 Mugwort
Lysimachia nummularia	11 Nipplewort
Marchantia	12 Pearlwort
Marsilea	13 Pepperwort
Pedicularis	14 Pillwort
Pilularia	15 Quillwort
Pinguicula	16 Ragwort
Sagina	17 St. Johns-wort
Salicornia	18 Saltwort
Saponaria	19 Sandwort
Scrophularia	20 Soapwort
Senecio	21 Starwort
Stachys	22 Toothwort
Stellaria	23 Waterwort
Utricularia	24 Woundwort

Mt. Hood National Forest Field Trip

Caitlin Cray will lead 3 mi. hike through subalpine meadows and forest. Meet at Hood River Ranger Station, 10 A.M., or High Prairie Trailhead, 10:30, Sat., Aug. 27. Limit of 12 persons. Call Caitlin, 503-467-2291, to preregister.

Book Review

Plants of Coastal British Columbia, including Washington, Oregon and Alaska. Compiled and edited by Jim Pojar and Andy MacKinnon. 1994. British Columbia Ministry of Forests and Lone Pine Publishing, #180 16149 Redmond Way, Redmond, Washington 98052. 527 p. \$19.95.

Plants of Coastal British Columbia is one of the best plant guides for the lay person ever published in our area. Jim Pojar and Andy MacKinnon from the B.C. Forest Service have compiled a very effective field guide, with contributions by ten local authors. The book covers the "northern Pacific coastal region," which stretches 17 degrees of latitude from Cook Inlet in Alaska south to Eugene, Oregon, including the Olympic Mountains, the coast ranges and the Cascades. Almost 800 plant species are described and pictured in 1,100 photographs and 1,000 drawings. The one-half and full page descriptions are concise and use non-technical language. Trees, shrubs, wildflowers, aquatic plants, grasses, ferns, mosses and lichens are covered in equal detail.

What makes the book unique are the "extra touches" and large quantity of information packed into a small space. Each entry contains information on the plant's general appearance, leaves, flowers, fruit and ecology. In addition, a "notes" section provides descriptions of related species that are not pictured, synonymy, Native American uses and names, derivations of the Latin names, and other interesting tidbits. A tiny but effective range map is included for each entry, as are photographs and drawings of flowers, habit and diagnostic features. Dichotomous keys precede each family section and are also provided for especially difficult genera. Many of the keys are illustrated in the margins with line drawings. A comparative table helps distinguish ten species of *Vaccinium*, and collections of leaf profiles that show the obvious differences between related taxa are scattered liberally throughout the text.

The introduction covers a variety of interesting topics, from botanical to cultural. Sections for large families and other plant groupings make up the book's core (even some sedges are included!) and an incompletely illustrated glossary is included at the end. Some of the book's shortcomings might only be an issue for the professional botanist. For example, family names are provided only for the largest families; species in small families are grouped into catch-all sections entitled "other

families," "aquatics" and "odd-balls," without indicating their family affiliations anywhere in the text. The term "habitat" is inappropriately replaced with "ecology," perhaps to attract the popular user. The treatment of synonymy is weak and I found a few illustration errors that are too minor to mention (but see page 211).

This is just the kind of book I would like to own if I were learning a new flora. Most common species are shown and their relatives are also mentioned. The diverse manner in which the species are illustrated, through photographs, drawings, descriptions, comparative tables, keys and interesting notes, places this field guide among the best. Don't let the emphasis on British Columbia in the title fool you. This is a powerful asset for any botanist interested in the flora of the Pacific Northwest west of the Cascades. The book can be ordered directly from Lone Pine Publishing by calling 1-800-661-9017.

Tom Kaye Corvallis Chapter

Rare Serpentine Plants of the Siskiyou's

The Native Plant Society of Oregon is participating in a Challenge Cost Share project, sponsored by the Siskiyou National Forest, to produce a rare plant poster of endemic species from the Siskiyou Mountains/Klamath Province, that occur in serpentine and bog habitats. Fifteen other partners have also helped the fund this poster, which is now at the printers.

The rare plant poster will:

a) help educate the public about the significance of the rare plant resource that exists in the Siskiyou and Klamath Mountains (one of the most diverse and endemic areas in the United States)

b) instruct amateur naturalists, non-biologists and field-going natural resource professionals in the identification of these species, in order to obtain more sightings of rare plant populations

c) encourage an appreciation for rare plants and the biological diversity of serpentine and bog habitats, especially in young people.

The full-color poster will be made available to schools, libraries, land agency field offices, and other interested groups. Each of the cooperating groups will be receiving copies in early August. It is estimated that the NPSO and its Siskiyou Chapter will each get 200 posters, for their \$200 dona-

tion.; another 400 will go directly to schools from NPSO funding.

Paula Fong, the artist, has contributed much time. Other contributors include: the Rogue, Six Rivers and Klamath National Forests, Medford Bureau of Land Management, Nature Conservancy, Siskiyou Audubon Society, Siskiyou Regional Education Project, PNW Natural History Museum, Boise Cascade Timber and Wood Products, Crater Lake Natural History Association for Oregon Caves National Park, Southern Oregon State College, Oregon Department of Fish and Wildlife, Shasta Chapter, California Native Plant Society.

Species featured on the poster include: Cypripedium californica, Darlingtonia californica, Poa piperi, Fritillaria glauca, Hastingsia bracteosa, Gentiana setigera, Viola primulifolia ssp. occidentalis, Castilleja miniata ssp. elata, Pinguicula macrocerus, Balsamorhiza sericea, Lilium bolanderi, Calochortus howellii, Senecio hesperius, Lewisia leana, Lewisia cotyledon ssp. purdyi, Silene hookeri, Arctostaphylos hispidula, Sedum laxum ssp. heckneri, Arabia aculeolata.

There is a second year proposal (1995) to develop a program package for schools, but it is contingent on funding. This proposal will provide a poster for schoolroom display, and copies of a black-and-white coloring sheet version of the poster. A slide show and narrative will be developed featuring the species in the poster, as well as other plant species that occur in the region. Information on habitat and the Threatened and Endangered Program will be included.

Thank you for supporting this project.

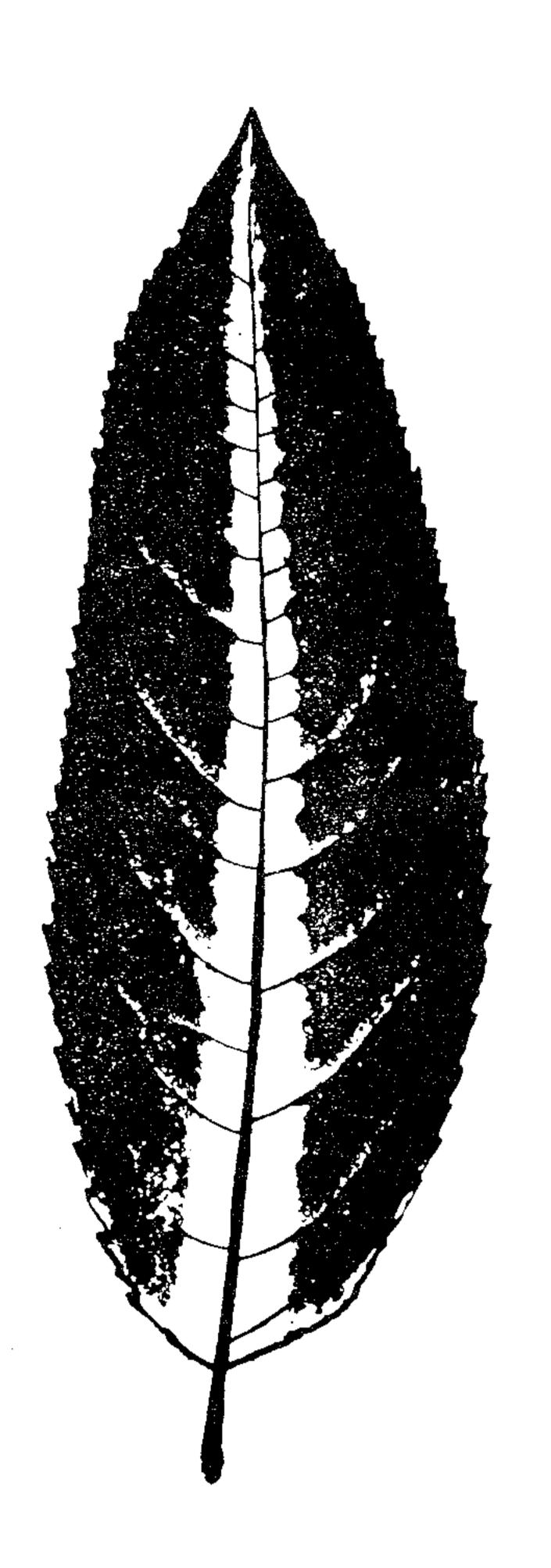
Linda Mullens Siskiyou National Forest Botanist

Plant Puzzle

Sponsored by the Siskiyou Chapter

Do you recognize this native evergreen tree? The first person to give the correct scientific name will win a prize. Send your guess on a postcard to:

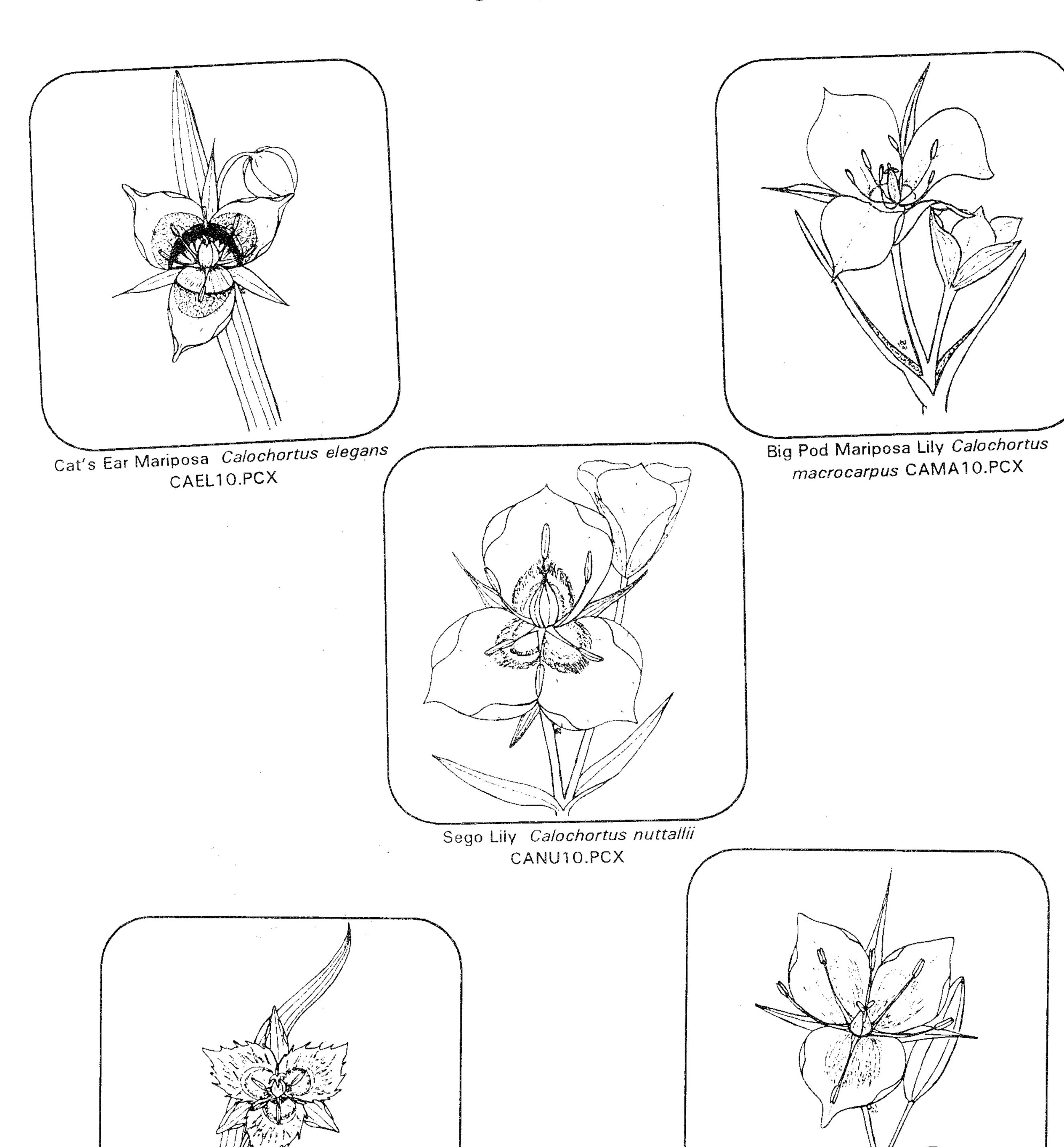
Peter Zika 4230 NW Clubhouse Pl., #1 Corvallis, Oregon 97330



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There was no correct answer to the June puzzle, which was repeated in July, and now, again in August. Let's go botanists!

Drawings by Karl Urban



Weston's Mariposa Lily Calochortus

watsonii CAWE10.PCX

Mountain Mariposa Lily Calochortus

eurycarpus CAEU10.PCX

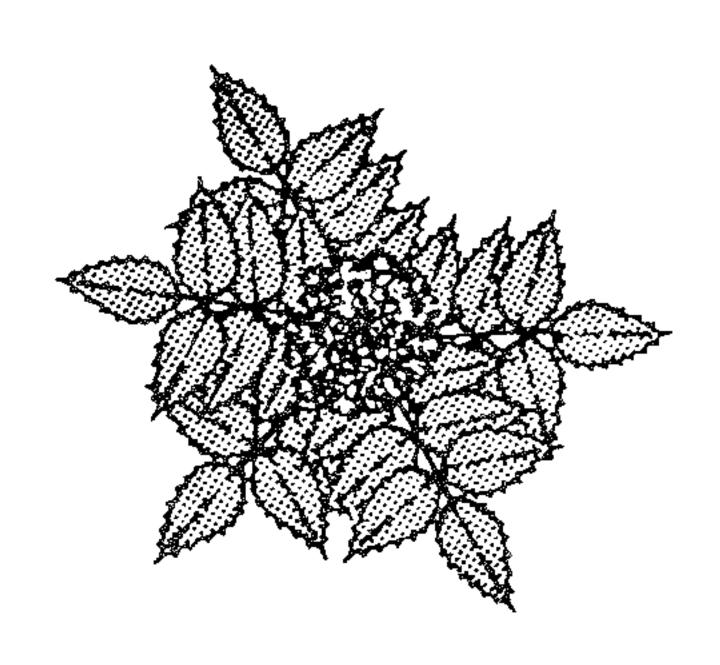
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HIGH DESERT (Bend)	
MID-COLUMBIA Michael Igo	
NORTH COAST Jaylen Jones	
_	
WILLAMETTE VALLEY (Salem) Mark Quistad	
WM. Cusick (La Grande) Bob Ottersberg	
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CONSERVATION FAST SIDE Stu Garrett	
	3787 SE White Oak Rd, Corvallis 97333; w:754-4666; h:757-7115
Budgets and Grants Dan Luoma PUBLICATIONS	
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In this issue

New Members	02
NPSO Items For Sale	02
Common Names of Oregon Plants - Two Dozen Worts Ken Chambers	03
Book Review Tom Kaye	.04
Rare Serpentine Plants of the Siskiyou's Poster Linda Mullens	05
Plant Puzzle	
Drawings Karl Urban	.06
	e

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Membership Inquiries Only: Jan Dobak, 2584 NW Savier St., Portland, OR 97210-2412

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