



Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 35, No. 2

FEBRUARY 2002

GROWISER: Grande Ronde Overlook Wildflower Institute Serving Ecological Restoration

by Andy Huber

The seller said, "Go up the trail through the woods, and when you get to the top of the ridge, you will see a view that'll knock your socks off." He understated his case. The Grande Ronde Valley... mountains all around ... with acres of golden *Wyethia* and *Balsamorhiza*. My first thought was that this place ought to be a park. For both the view, and the array of wildflowers. Accompanying me was a botanist, very familiar with the vegetation of the Wallowa Whitman National Forest. Her words were, "This is special."

With 10 percent down and 10 years to pay, I signed a contract to buy those 160 acres of paradise, 20 miles northeast of La Grande. Then, after waiting the required year, I created a nonprofit organization, and deeded the land to it. That was the beginning of GROWISER /Grande Ronde Overlook Wildflower Institute Serving Ecological Restoration. Because it is a 501(c)(3) charitable foundation, my donations to it are tax deductible (up to 50 percent of my income). Each month I write a check to the foundation, it pays the mortgage, and the trees, flowers and grasses continue life.

That's the business part, but here's the fun: I get to grow wildflowers all year long. And many other volunteers also have the chance to enjoy the beauty, physical exercise, and deep satisfaction of doing what's right. GROWISER has a threefold purpose: 1) protect this particular plot of land, 2) educate

the public about ecosystems, and 3) grow seed of native species for reestablishment in the Blue Mountains. The land management objective is simply to return this site entirely to native species. That uncomplicates decisions: if it's a native plant—we grow it; if it's a weed—we kill it. My definition of a "weed?" "Any introduced species."

Next June, it'll be 10 years since I came out of the woods and first saw those flowers. During that time, we've planted lots of seeds and killed lots of weeds. We're far from being finished, but the 30 acres of abandoned cropland on the site, has been returned to six native grasses. Seed from those fields is now being grown commercially by farmers in the Grande Ronde Valley.

Research is being conducted not only on grasses, but also on growing native forbs. The most exciting challenge is a project to develop techniques for reestablishing, from seed, mountain lady's slipper (*Cypripedium montanum*). They *do* grow! For interested orchidists, a "how to" article is scheduled for the spring 2002 issue of *The Native Plant Journal*.

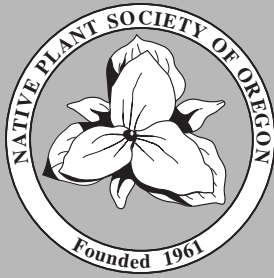
Each spring, children's voices ring through the flowers, as the La Grande School District brings their sixth graders to GROWISER, as part of their outdoor-school program. The Wm. Cusick Chapter of the NPSO also comes for an annual frolic in the forest. Over the years, dozens of other groups and individuals have enjoyed the

wildflowers...from *Abies* to *Zigadenus*. The best months to visit are April and May, but the Blue mountain penstemon, and lady's slipper both peak the first week of June. Do come!

For information or to arrange a tour, contact Andy Huber at 541-962-1512 or ahuber@eou.edu.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsoc

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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The submission date is the 10th of each month for the following month's issue. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Advertising Manager Needed for *Kalmiopsis*

Now that *Kalmiopsis* is back on a regular annual schedule, NPSO would like to sell advertising in its pages to help offset some of the journal costs. The Advertising Manager will be a volunteer role, which will entail working with co-editors Cindy Roché and Linda Vorobik and the NPSO state Treasurer Candice Guth to develop standards and prices, then soliciting ads from businesses such as native

plant nurseries and bookstores that feature botany and natural history merchandise. Most of these contacts can be made by mail or e-mail.

If you would like to try your creative skills in public relations and sales, here is a great opportunity to help NPSO. For more information or to volunteer, please contact Cindy Roché at crupinaqueen@charter.net.

Grant Proposals Requested

The Native Plant Society of Oregon will continue to sponsor small field research grants. The objectives of the program are: 1) to stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state, and 2) to promote native plant conservation through better understanding of Oregon's flora and vegetation and the

factors affecting their survival.

Persons interested in applying for funding can obtain a copy of the program policy and guidelines from Dan Luoma, Research Grants Committee Chair, 3740 NW Harrison Ave., Corvallis, OR 97330. The material may also be obtained at NPSO's Web site, <http://www.NPSOregon.org>.

Research proposals are due by March 1, 2002.



TANYA HARVEY

Fritillaria pudica is one of the special treats of a visit to the Columbia River Gorge in early spring. According to *The Bulbs of North America* (see review on p. 20) it is the second most widely distributed American fritillary, occurring in 10 states. Like many plants of the Gorge, it is normally seen at much higher elevations where it blooms much later.

State

June 7–9, Friday to Sunday

Annual Meeting: The Siskiyou Chapter will host the meeting at the Green Springs Inn on Highway 66 twenty miles east of Ashland. See the article on page 19 and watch for more information and registration materials on our web site and in upcoming issues of the *Bulletin*.

Blue Mountain

February 4, Monday, 7:00 pm

Meeting: Program to be announced. Small Business Development Center, SE 1st and SE Dorian, Pendleton.

Cheahmill

February 28, Thursday, 7:00 pm

Meeting: Willamette Valley Fire Use & Restoration Techniques. Kathy Pendergrass from the Portland Office of U.S. Fish & Wildlife Service will give a slide presentation and talk covering historical Willamette Valley vegetation patterns; Native American burning practices; plant responses to fire; and a variety of issues associated with current restoration practices in prairie plant communities. Carnegie Room McMinnville Public Library, 225 N. Adams St., McMinnville. Contact Susan Williams at 503-538-1865 or helgesusan@attbi.com for more info.

Corvallis

February 11, Monday, 7:30 pm

Meeting: From the Forest to the Sea—The Ecology of Wood and Salmon. Chris Maser will present a slide show and talk at 7:30 pm at the Avery House, Avery Park, Corvallis. For more information please contact Esther McEvoy at 541-754-0893.

Emerald

February 9, Saturday, 9:30 am

Workshop: Winter Twigs, conducted by Rhoda Love and Judith Manning from 9:30 am to 2:30 pm at the Mt. Pisgah Arboretum. The workshop is sponsored by NPSO and the Arboretum. Cost is \$25 for members and \$30 for non-members. Participants are asked to acquire the new *Winter Twigs*, by Gilkey and Packard. Limit of 15 participants. For more information or to register call the Mt. Pisgah Arboretum at 541-747-1504.

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. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. 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. National Forests require a Northwest Forest Pass for many field trip locations. Permits can be acquired at forest headquarters and ranger districts.

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. Groups using wilderness areas should be no larger than 12.

February 25, Monday, 7:30 pm

Meeting: Gardening with Native Shrubs of the Southern Willamette Valley. Heiko Koester, a Eugene landscape designer and consultant, will share his knowledge of gardening with shrubs native to the Southern Willamette Valley. He'll give us the nitty-gritty on how to have success with native shrubs and show us his favorite slides of the plants. Room 117, Science Building, LCC main campus. For more info call Nick Otting at 541-334-4499.

March 9, Saturday, 9:00 am

Field Trip: Lichen ID. Learn to identify lichens with Daphne Stone. Meet at South Eugene HS at 9:00 am to pool rides for 18-mile drive to meadow and oak forest near Jasper. Return to Eugene before 2:00 pm. For more information call 541-345-5531.

March 18, Monday, 7:30 pm

Meeting: Burning for a Fine and Beautiful Open Country: How and Why the Native People of Southwestern Oregon Burned the Landscape. Jeff LaLande, archaeologist/historian for the Rogue River National Forest, will discuss the uses of fire by Native American groups for a variety of vegetation and wildlife management purposes. Jeff's focus is south of the Willamette Valley, but some info also applies to native inhabitants of present-day Lane, Linn and Benton counties. **Note: 3rd instead of 4th Monday, this meeting only.** 7:30 pm, Room 117, Science Building, LCC main campus. For more information call Nick Otting at 541-334-4499.

March 23–24, Saturday–Sunday

Field Trip: Columbia River Gorge Weekend. Spend a day or the weekend with us as we explore early spring flower displays near Hood River, Oregon and White Salmon, Washington. Among areas to visit are Tom McCall Preserve, Catherine Creek and Hood River Meadows. For more info or to sign up call Dave Predeck, 541-345-5531.

High Desert

Please join us on the fourth Tuesday night of each month listed below. All of our meetings (except as noted) start at 7:30 pm and are located at the Central Oregon Environmental Center, 16 NW Kansas, Bend. Call Stu Garrett for more information: eves 541-389-6981. All are welcome and bring a friend!

February 26, Tuesday, 7:30 pm

Meeting: The Australian Outback. Reid Schuller will share tales of his several trips to the Australian continent. In Australia, evolution continued for about twenty million years without interference from new forms emerging on other continents. The climate changed radically several times, and whole families of life forms became extinct while new ones evolved. As a result, Australia developed ecosystems quite different from those on other continents. Enjoy Reid's superb slides of natural history on this fascinating remnant of Gondwanaland.

March 26, Tuesday, 7:30 pm

Meeting: Members Slide show and Planning. Share 15 of your best slides from the summer and plan activities for the chapter at our annual members and friends slide show and get-together.

Klamath Basin

For information on the Klamath Basin Chapter, call David Lebo at 541-883-8393.

Mid-Columbia

February 6, Wednesday, 7:30 pm

Meeting: The "Secrets" Program. The "Secrets" Program brings the ecology of old-growth forests and shrub-steppe grasslands into 5th grade classrooms, and makes learning science fun, active, and exciting. Join us to hear Kim Burkland, "Secrets" Director, describe the program and give us a demonstration. Even better, call Kim now at 541-387-2274 to volunteer in the classroom or on field trips. The meeting is at the Columbia Gorge

Discovery Center. Take exit 82 off I-84 and follow the signs.

March 6, Wednesday, 7:30 pm

Meeting: From Scotland's Highland Gardens to Switzerland's Cowbells, Churchbells, And Harebells. A slide presentation by Sue Allen of her 2001 summer journey traveling from Portland, through New York to London & Scotland, and on to Kareen Sturgeon's two week tour in Zermatt, Switzerland and beyond. In Scotland: explore national trust and private gardens on tour with the Alpine Garden Society, along with castles and crafts. In Switzerland: walk the trails of the central alps looking at the native flora and the matterhorn, and see local architecture. Ride the cable cars, cog-trains and gondolas to great heights. Enjoy the ride! Columbia Gorge Discovery Center. Take exit 82 off I-84 and follow the signs.

North Coast

For information on the North Coast Chapter call Vivian Starbuck at 503-377-4141.

Portland

February 12, Tuesday

Meeting: A Year in Flowers from Washington to Louisiana to Baja California and More! Greg Stone, field trip chair for the Portland chapter, will be giving a show on various trips he's taken this past year. He will include trails from Louisiana, Baja California, Oregon, and Washington. 7:00 pm, Fireside Room (#355) of the First United Methodist Church located at 1838 SW Jefferson St., in Portland. For more information contact Skip Haak, 503-460-3198.

March 2, Saturday, 8:30 am

Field Trip: Catherine Creek. A great way to start the flower season, looking for *Sisyrinchium douglasii*, *Fritillaria pudica*, and many others. Leave at 8:30 am, Gateway/NE 99th Ave Park and Ride, southeast corner of parking lot. Second meeting place at 9:45 am Bingen Winery parking lot on SR-14. 120 miles round trip drive; easy walking 3 to 4 miles, with 500 feet elevation gain. Call Jan and Dave Dobak at 503-248-9242 for more info.



TANYA HARVEY

A view across the Columbia River from Catherine Creek near White Salmon in Washington. On the Oregon side Rowena Crest and the Nature Conservancy's Tom McCall Preserve, can be seen. These are fabulous destinations for wildflowers. The Portland, Mid-Columbia and Emerald chapters will all be sponsoring hikes to the Columbia River Gorge area this spring. Don't miss out!

Siskiyou

February 21, Thursday, 7:30pm

Meeting: Ethnobotany of Native People of the Klamath-Siskiyou Region.

Donn Todt is a horticulturist with the Ashland Parks Department who has spent ten years doing ethnobotanical research in the region. Donn will be talking about the use of native plants by the native people of this region. The main focus will be their most essential food staple: acorns, how they were processed and what oak species were most nutritious. He will also talk a little about a few other important plants, such as *Perideridia* species, camas and two tobaccos. Room 171 of SOU Science Building in Ashland. For more information call Molly Sullivan at 541-770-7933.

Umpqua Valley

For information on the Umpqua Valley Chapter call Jack Hausotter at 541-863-5347.

Willamette Valley

February 4, Monday, 7:00 pm

Meeting: Assistance to Private Landowners in Wildlife Habitat Restoration

by Steven P. Smith, Oregon Dept. of Fish and Wildlife. If you're interested in enhancing the wildlife value of your property, or want to know how wildlife habitat is valued relative to farmland and forestland in Oregon, Steve has some important information for you. Monthly meetings take place in room 225 of the First United Methodist Church, 600 State St. in Salem. Please enter through the door marked "Church Office." For more information, call Karl Anderson at 503-315-7329.

William Cusick

For information on the William Cusick Chapter call Frazier Nichol at 541-963-7870.

NPSO Items for Sale

The "Atlas of Oregon Carex" was NPSO's first Occasional Paper. The Atlas has 128 location maps, one for each Carex taxon in the state of Oregon. Also included are a synonymy, fun facts about sedges, a history of the project, and Oregon geography maps. **Price: \$5.**

"Louis F. Henderson (1853-1942): The Grand Old Man of Northwest Botany" by Rhoda M. Love. NPSO's second Occasional Paper is the only existing publication with detailed coverage of the long and fascinating life of this John Muir-like western character. Included: 56 pictures, 133 notes, chronology, list of plants named for Henderson. **Special:** First 25 orders in 2002 receive FREE 9-page annotated bibliography. **Price: \$10.**

To order either or both Occasional Papers, send check for the appropriate amount (made payable to NPSO) to: **Occasional Papers, Native Plant Society of Oregon, PO Box 902, Eugene, OR 97440-0902.**

NPSO Membership Directory lists names, addresses, phone numbers, and e-mail address of NPSO members (April 2001). Available from Jan Dobak, 2584 NW Savier St., Portland OR 97210. **\$3 postpaid.**

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 Drive, Bend, OR 97701, 541-389-6981. Individuals may order posters at **\$12 each**, plus \$3 per order for shipping. Posters are mailed in tubes.

Friends of the Oregon Flora Project

Botanical Illustration Workshop!!!



The Friends of the Oregon Flora Project is excited to offer a botanical illustration workshop by New York artist Anne Jaster May 3-5. The workshop will be held at Lane Community College in Eugene. The cost is \$100, or \$90 for members of the Friends. Treat yourself to an exceptional learning experience and help support the Oregon Flora Project at this special event. More information will be presented in the next issue of the *Bulletin*. Mark your calendars now!

For information on becoming a Friend, or to make a contribution to the Oregon Flora Project, contact Linda Hardison at:

Friends of the Oregon Flora Project
P. O. Box 402
Corvallis, OR 97339-0402

www.oregonflora.org

OTHER EVENTS

Mount Pisgah Arboretum

Native Plant Gardening Series: Gardening with Nature

This new five-part workshop series will take you through the philosophy and steps of creating a beautiful garden with native plants. The instructor, Evelyn Hess has pursued her love of plants through a Master's degree in Landscape Architecture and Horticulture from the University of Oregon, teaching plant propagation, managing a greenhouse, and finally, by starting the Lorane Hills Farm and Nursery, specializing in native plants, which she runs with her husband David. Evelyn also shares her love of nature with school children as a Mount Pisgah Arboretum nature guide.

Participants may attend from one to all classes. Each class costs \$15 (\$12 for MPA members), and the complete set of classes costs \$65 (\$50 for MPA members). Pre-registration is required by calling 541-747-1504. Please call this number with any questions, as well. Payment may be sent to:

Mount Pisgah Arboretum
33735 Seavey Loop Road
Eugene, OR 97405

Other Mount Pisgah Arboretum Events

Seavey Loop Rd., Eugene

February 2, Saturday, 10am-4pm

Mosses & Lichens Workshop. Look closer at the forests and woodlands of Mount Pisgah, and discover the ecosystems within ecosystems! Learn more about this miniature world of mosses and lichens with local expert Daphne Stone. This in-depth workshop covers ecology, life cycles, and how to identify these unique organisms that thrive in Northwestern winters. Fee: \$35 (\$30 MPA members) Pre-registration required at 541-747-1504.

February 9, Saturday, 9:30-2:30 pm

Winter Twig ID Workshop. How can you identify deciduous trees and shrubs without those characteristic leaves?

Gardening with Nature

March 9, Saturday, 1-3pm

Explore gardening methods which will help restore ecological balance instead of in ways which can harm the delicate processes of soil and water, deplete natural resources and spread invasive weeds.

Knowing and Growing Native Plants

March 23, Saturday, 1-3pm

Learn what native plants grow best in what environments, which are appropriate for your garden, and how to use natural plant communities as models for combining plants in our garden.

Native Plant Propagation

April 6, Saturday, 1-3pm

Investigate seed and vegetative methods for propagating native plants from your own stock or, carefully, from the wild.

Gardening for Wildlife Habitat

April 20, Saturday, 1-3pm

Learn ways to include food, water, shelter, and space to meet the needs of

a diversity of microorganisms, insects, birds, and reptiles through both plant and non-plant garden habitats

Designing Your Natural Garden

May 4, Saturday, 1-3pm

Gain insight into how to design your own native plant garden—incorporating ways to conserve energy, create habitat for displaced wildlife, preserve and recreate native plant communities, and provide an inspiring refuge for any gardener.

Berry Botanic Garden Events

Portland's Berry Botanic Garden has a number of native plant oriented events. To register or to get more information on these and other events at the garden call 503-636-4112 or check out their website at <http://www.berrybot.org>.

February 1, Friday, 10am– Noon

Winter Twig Identification. In the warm comfort of the visitor's center, learn how to identify 12 of our common shrubs and trees solely by their twigs. Then, when you venture out into the woods, you'll have the observation skills and the vocabulary to add to your twig repertoire! \$15.

February 16, Saturday, 10am– Noon

The Oregon Flora Project. Linda Hardison, Chair of the Friends of the Oregon Flora Project, is part of a dedicated group of scientists, technicians and volunteers who are creating an atlas, checklist and flora for Oregon. Linda will present an entertaining and informative slide show, share the story of the Project, and demonstrate how the electronic flora and atlas work. She will also describe the opportunities available to all of us to contribute our knowledge to this worthy effort. \$8.

Preliminary Planning Guide for Accommodations for the Annual Meeting, June 7, 8 and 9, 2002

This year's annual meeting, featuring the flora of the Cascade-Siskiyou National Monument and hosted by the Siskiyou Chapter, will be at the Green Springs Inn. The Inn is twenty miles east of Ashland on Oregon Highway 66 at an elevation of about 4,500 feet and lies along the northern boundary of the Monument. Accommodations for the meeting will be somewhat scattered, and the prices will vary. Here is some information about costs and locations to help you decide which place to choose for yourself. The prices listed are based on two persons per room and a two-night stay over the weekend of the meeting. Details for contacting these places will be in the March *Bulletin*.

1. Green Springs Inn

This is the location for events and where meals will be served. There will be five rooms available at Green Springs Inn. Each room has a large double bed and its own bathroom. The price is \$69 per night. These are basically two-person rooms, but additional beds can be added for a third or even fourth person for the same price, if a group of people chooses to share any one of these rooms. Bookings for these rooms will be handled by the Annual Meeting Committee on a first-come-first-serve basis through the registration forms that will be in the March *Bulletin*. If you want to learn more about Green Springs Inn and see some pictures, check out their website at <http://www.greenspringsinn.net/>.

2. Buckhorn Springs

This quaint old lodge with its outlying cabins dates back to the 19th Century. At an elevation of about 2,800 feet it is on the site of a mineral spring that was first used by Native Americans in prehistoric times. It is about twelve miles east of Ashland, including three miles of gravel road off Highway 66. The property is within the boundary of the new Monument, and the present owners, who are strong

supporters of the Monument, have been working hard during the past ten years to upgrade this old facility. **Please note that the prices given are the full rate. The owners have offered a 15% discount from these rates and will provide breakfast as well, if at least twenty persons book rooms for two nights.** The big old lodge building has eight rooms, each, generally, for two persons. Six of the rooms have private baths and are priced at \$102 or \$94 per night, depending on the size. Two of these rooms have an extra single bed for a three-person group at an additional \$15 per night. The remaining two rooms are adjoining and share a bath between them. These rooms are \$60 per night. There are five cabins. Two have one bedroom with a sink but require a short walk outdoors to toilets and showers in a separate building; two have two bedrooms and share an inside bath between them; and the fifth has one bedroom with private bath. The prices (per bedroom) for these cabins range from \$64 to \$81 per night. Again, if you want to learn more about Buckhorn Springs and see some pictures of the place, look up their website at <http://www.buckhornsprings.org>.

If you decide you want to stay at Buckhorn Springs, the owners request that you book right away rather than wait until March. Contact them, Leslie and Bruce Sargent, by regular mail at 2200 Buckhorn Springs Road, Ashland, Oregon 97520, or by telephone at 541-482-2200, or e-mail at sargent@jeffnet.org. To reserve a room you will need to send a deposit of the first night's charge. Be sure that you identify yourself as a Native Plant Society person. (If the discount applies, an adjustment will be made when you pay for the second night.)

3. Pinehurst Inn

This is another small, venerable lodge located on Highway 66. It is about five miles farther east beyond Green Springs Inn. There are five rooms that range in price from \$69 to

\$89. Pinehurst Inn, at about 3,400 feet, is situated beside Jenny Creek, which flows through the Monument near its eastern edge on its way south to the Klamath River in California.

4. Motels in Ashland:

Numerous motel rooms are of course available in Ashland (elevation 2,000 feet), and they come in a wide range of prices. We have arranged group rates for a modest discount at three motels in the east end of Ashland. The least expensive one has decent, basic rooms with queen size beds at \$65. The other two are priced at \$68 and \$93. (These prices do not include the 7% City of Ashland tax.) Rooms to accommodate more than two people are available at only a slightly higher price.

5. Camping

We have reserved the large group camping site at the BLM Campground at the south end of Hyatt Reservoir (elevation 5,000 feet). This campground is just three miles north of Green Springs Inn on Hyatt Lake Road. There is lots of room for anyone who chooses to camp. The cost has not yet been figured, but it will be only a few dollars per night. The campground can take both tent and RV campers.

The Annual Meeting Committee of the Siskiyou Chapter is planning, we believe, a very fine meeting with interesting programs and many field trips from which to choose. The trips will be mainly to various sites within the new Monument, but some will be to other nearby sites of botanical interest. We invite you all to start planning now for this year's meeting.

Book Review

Bulbs of North America

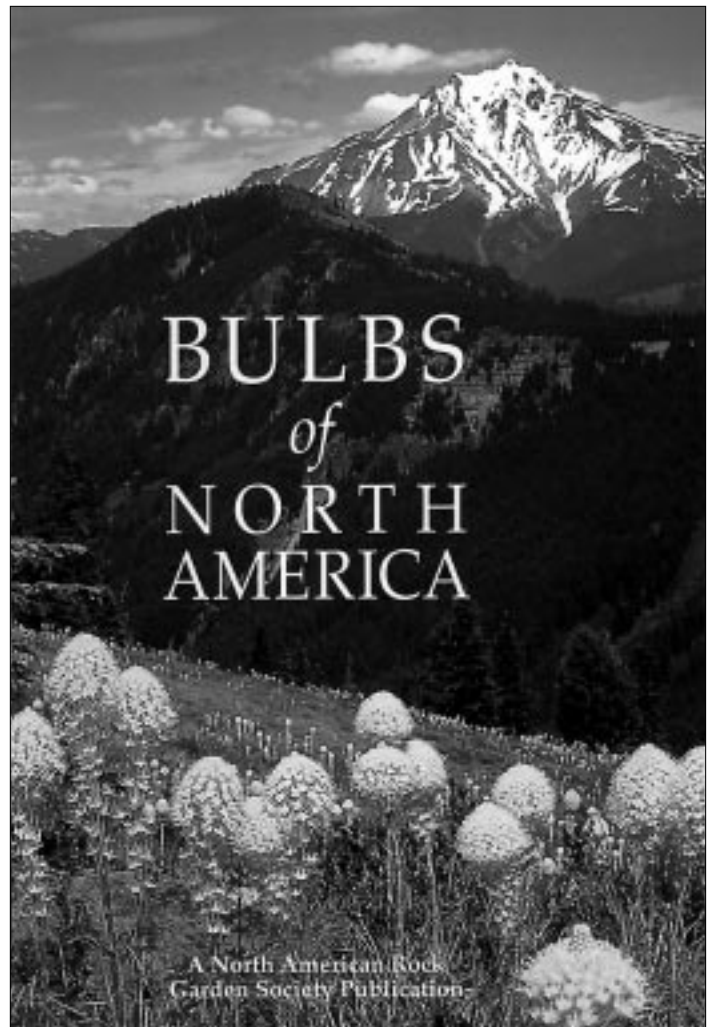
by Ken Chambers, Corvallis Chapter

Bulbs of North America, Jane McGary, editor, Timber Press, 133 S.W. Second Ave., Suite 450, Portland, OR 97204, 251 pp., 2001, ISBN 0-88192-511-X, \$34.95.

As described in the forward by Brian Mathew, this multi-authored volume is “surprisingly, the first comprehensive work on the North American bulbs,” in comparison, that is, with the many publications available on Mediterranean and Middle Eastern bulbous plants. Except for the chapters on “Amaryllidaceae of North America,” “Irids of the Southeast,” “Bulbs of the Southwest,” and “Bulbs of Eastern North America,” the emphasis is strongly on the Far Western U.S. and adjacent Canada. Not all the included genera are strictly speaking bulbous plants (some are rhizomatous), but there is a wide representation of native groups of Liliaceae (in the broad sense) and Amaryllidaceae, plus miscellaneous Iridaceae and other families. Orchids and dicots are omitted, as are the genera *Iris*, *Trillium*, and some liliaceous groups (e.g. *Streptopus*, *Prosartes*, *Maianthemum*) that are propagated by rhizomes rather than bulbs. Certain genera are treated for the eastern or southwestern United States but not for the Pacific Northwest, for example *Triantha* (*Tofieldia*), *Chlorogalum*, and *Sisyrinchium*; also omitted are *Hastingsia* and *Narthecium*. Genera and generic groups that are the subjects of individual chapters are *Allium*, the *Brodiaea* alliance (four genera), *Calochortus*, *Erythronium*, *Fritillaria*, and *Lilium*. The chapter on “Bulbs of the Northwest” by NPSO member Loren Russell covers 10 genera, including such diverse groups as *Clintonia*, *Leucocrinum*, *Lloydia*, *Olsynium*, *Scoliopus*, *Veratrum*, and *Xerophyllum*.

In my opinion, the authors have, for the most part, handled their assignments very well. All are experts on their individual groups, with extensive field knowledge as well as experience in cultivating the species commercially or in home gardens. Sponsored by the North American Rock Garden Society, the book aims at assisting growers and bulb fanciers to identify species they may have under cultivation, as well as describing the plants’ native habitats and suggesting the conditions needed for successful cultivation. A very attractive feature is the section containing 55 pages of photographs—beautiful and often spectacular flower portraits, including 25 species of *Allium*, 19 species of *Calochortus*, 13 fritillaries, and 9 fawn-lilies.

The chapters I found most interesting were those on the *Brodiaea* alliance by Parker Sanderson and Jane McGary, on *Calochortus* by Frank Callahan, on *Fritillaria* by David King, and on Northwest bulbs by Loren Russell. These include good morphological descriptions, ecological notes, taxonomic discussions, and observations on garden culturing techniques. Literature citations are quite uneven throughout the book, with the chapters on *Allium* and *Calochortus*



The cover for Bulbs of North America shows a fabulous view of Mt. Jefferson from a meadow of Beargrass (Xerophyllum tenax) on Coffin Mountain. The photograph was taken by our very own Loren Russell, a member of the Corvallis chapter.

having the largest bibliographies, while *Brodiaea* and *Lilium* each have only four cited references. Nearly all the authors mention problems of rarity and endangerment for their groups, and they caution against indiscriminate collecting of bulbs in nature. The following statement by Frank Callahan is particularly appropriate, in my view: “Destruction of livestock predators such as bear, cougar, bobcat, and coyote has caused explosive growth in populations of deer, rabbit and mice. These herbivores, along with overgrazing by domestic cattle, sheep and goats, have wreaked terrible damage on western American rangelands.” This is in the context of his listing of 14 species of *Calochortus* “presently threatened by grazing.”

This attractively-illustrated book contains a great deal of useful information and should be a valuable source of information both for gardeners and for professional horticulturists.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____
Address _____
City _____ State _____ Zip+4 _____
Phone _____ E-Mail _____
Chapter (if known) _____

DUES include monthly *Bulletin* and *Kalmiopsis* when published.
Membership is for the calendar year. New memberships enrolled after
September 1 include the following year.

- New Renewal
 Student – \$12 Regular – \$18 Family – \$24
 Sustaining – \$50 Patron – \$100 Life Membership – \$500
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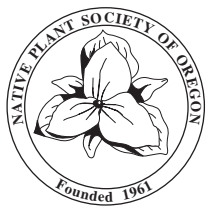
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It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Jean Davis Memorial Scholarship is awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues.

Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO. In return NPSO brings you field trips, programs, classes, the monthly *Bulletin*, and *Kalmiopsis*.

Call For Papers

by *Cindy Roché*, *Kalmiopsis* Co-editor

Two traditional features are returning to *Kalmiopsis*: Plant of the Year and Oregon Plants, Oregon Places. The plant of the year series, which celebrates an Oregon native species, was begun in volume 2 in 1992 and continued through volume 6 in 1996.

Plant of the year articles discuss identification, biology and ecology, distribution, management, conservation, threats, and include illustrations or photos for a single species and have ranged from one to four pages.

Articles for the Oregon Plants, Oregon Places series are longer, and include descriptions of soils, geology, climate, ecology, plant communities, human history, and species lists.

Because time is relatively short for inclusion in the 2002 issue, prospective authors should contact the editors soon to discuss a submission date. Cindy Roché, 109 Meadow View Drive, Medford, OR 97504, crupinaqueen@charter.net.