



Bulletin

of the

Native Plant Society of Oregon

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

VOLUME 41, No. 2

FEBRUARY 2008

Toyon Joins the List of Oregon's Native Shrubs

Toyon also discovered further north in California than previously recognized—so far north in fact, that it's actually in Oregon!

by Wendell Wood, *Oregon Wild*: www@oregonwild.org

Toyon (*Heteromeles arbutifolia*) has long been one of California's more celebrated native shrubs.* While toyon is widely reported to be found in the (entire) "California Floristic Province," it wasn't until the early 1980s that it was found to occur north of the Salmon and Klamath Rivers in Humboldt and western Siskiyou Counties, California.

Frank Callahan, tree and plant finder extraordinaire, first made its farthest north discovery (but first then in California) in 1983, along the Smith River and Del Norte County's Highway 199, and sent specimens to herbariums at OSU and SOU. Then, in November 2006 another Del Norte County population was located (by this author) just slightly north of the previous site, below a delightful riverside meadow called Pappas Flat, just off of Hwy. 199, north and west of the town of Gasquet, in the Six River National Forests' Smith River National Recreation Area.

Never to be out done, I guess, Frank Callahan has now, most recently, re-established his previous, modestly held and (unfortunately) little heralded record for the discovery of the most northern known occurrence of toyon. This time he didn't spend as much time fooling around in northern California, but went for the gusto—straight to Oregon where this last fall, Frank located the first-ever record Oregon

population of toyon growing along a flat along the North Fork of the Smith River. The specific location is at Sourdough Camp, a remote campground in the Siskiyou National Forest just 1.6 miles north of the stateline, in southernmost western Oregon (T41S R11W Sec.11 to be exact.) Frank e-mailed me excitedly: "I took the road to hell to get there, aka Wimer Rd., and spent most of my time clearing the road of boulders and cutting blow-down timber. It would have been no fun if a freeway led to the site!"

Mostly thought of as a prominent component of California's drought-adapted chaparral and oak woodland habitats, in California toyon is also found in mixed evergreen forest up to about 4000' in elevation. A shrub or small tree, this monotypic genus in the Rose family averages 5–15' in height in its previously described California range. Its shiny, dark, evergreen foliage, particularly with its bright red berries ripening in December, have also given it the common names: "Christmas berry" and "California holly." The leaves, which average 2–4" long, are elliptic in outline and finely serrated.

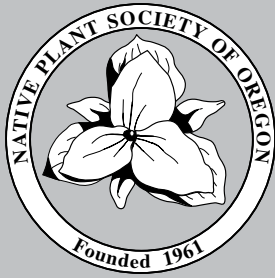
While some dispute the claim, it has often been repeated by numerous writers that this holly berried-like shrub, common in much of southern California's brush cover hills, was how the city of "Hollywood" got its name.

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**DON'T FORGET
TO RENEW YOUR
MEMBERSHIP!**

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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

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

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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.

NPSO Board Candidates for 2008

The Nominating Committee offers the following list of candidates for state offices. The candidates' brief résumés, along with the ballot, will be printed in the May issue of the *Bulletin*. Any group of five or more dues-paying members may also submit nominations (with nominees consent). The deadline for the May issue of the *Bulletin* is April 10th.

President: David Lebo
Vice President: Dan Luoma
Secretary: open
Treasurer: Cyndi Dion
Directors-at-Large: Judi Sanders

The Nominations Committee is continuing its search for secretary and two more Directors-at-Large. If you are interested in serving our Society in any of these positions, please contact Dan Luoma, 541-752-8860.



Look familiar? This is Anemone multifida growing in volcanic cinder... in southern Chile! Volcan Lonquimay can be seen in the background in mid-December. Other genera and species of plants native to Oregon can also be found over 6500 miles away in South America.

TANYA HARVEY

State

July 11–13, Friday–Sunday

Annual Meeting: The Emerald Chapter will host the meeting at the Mount Pisgah Arboretum in Eugene. Watch for more information and registration materials on our web site and in upcoming issues of the *Bulletin*.

Blue Mountain

For information on the Blue Mountain Chapter call Jerry Baker at 541-566-2244.

Cheahmill

February 28, Thursday, 7 pm

Program: Saving Seeds for the Future. Join Andrea Raven, Conservation Scientist, for a mid-winter presentation on The Berry Botanic Garden and its regional efforts to preserve, study and reintroduce rare plants back into the wild. Topics to be covered include seed banking, current reintroduction projects, a 15-year soil seed bank study and global climate change. Carnegie Room, McMinnville Library, 225 NW Adams Street.

March 27, Thursday, 7 pm

Program: Conserving Native Ecosystems. Andrea Thorpe, Director of the Conservation Research Program with the Institute for Applied Ecology will lead us on a trip through Oregon as she describes some of IAE's work studying and reintroducing rare and endangered species, including Willamette daisy and Kincaid's lupine in the Willamette Valley, Errer's senecio in Leslie Gulch, Cook's lomatium in the Illinois Valley and pink sandverben on the coast. IAE, a non-profit organization located in Corvallis, has been conducting natural resource conservation, research, and education since 2000. Carnegie Room, McMinnville Library, 225 NW Adams Street.

April 24, Thursday, 7 pm

Program: The Flora of King's Mountain. Jake Hurlbert has been documenting an ecological study of a temperate rainforest about 50 miles NW of McMinnville near Elk Creek Campground for the past year. The study takes place between 600' and 3200' over a 2.5 mile climb on the slopes of King's Mountain. It is an area that receives between 100 and 200 inches of rainfall per year. This study explains the relationships between autotrophic and heterotrophic plants and animals; how insects and mushrooms

help recycle the biomass; and why certain plants have problems where others thrive. His motivation for the study was a large fruiting of phantom orchids that can only exist because of their mycoheterotrophic adaptation. Come and enjoy a virtual tour of a year in the life of King's Mountain. Carnegie Room, McMinnville Library, 225 NW Adams Street.

Corvallis

To join the Corvallis email list to receive notification of upcoming events, please email mattbs@peak.org

February 11, Monday, 7:30 pm

Meeting: A fistful of Astragalus - the most taxon rich species in the U.S. Flora. Brian Knaus, Ph.D. candidate at OSU, will introduce us to *Astragalus lentiginosus* (Fabaceae). This fascinating species exhibits so much morphological diversity that there are 35 varieties currently recognized! Come see what these varieties look like and where they live. We'll explore the history and early exploration of the American West, spanning back to the time of Asa Gray and John Fremont. We will also discuss biological reasons for why there are so many varieties. Avery House, Avery Park, Corvallis. For directions or information contact Matt Blakeley-Smith at 541-231-9861.

February 16, Saturday, 10 am–12 pm

Workshop/Work-party: OSU Herbarium. Come learn about the Herbarium and lend a helping hand. We will either help mount plant specimens, prepare plants for shipping or volunteer as needed for the OSU herbarium. Meet at OSU at the northwest corner of Cordley Hall facing the greenhouses. Park in one of the lots near the intersection of Orchard and 27th St. All other doors will be locked so please arrive promptly. If interested please contact Esther McEvoy at 541-754-0893 or estherco@peak.org.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** 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 some 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.

Emerald

February 2, Saturday, 8 am–1 pm

Field Trip: Green Island Tree Planting. McKenzie River Trust has invited us to help plant trees on an 800-acre preserve in the Willamette River north of Eugene. Lunch will be provided. Wear waterproof shoes and clothes. Bring gloves and water. Meet 8 am at South Eugene High School to pool rides. RSVP Katie at 541-345-2799 before January 25.

February 11, Monday, 7:30 pm

Meeting: Invasive Plants and their Control from a Practical Standpoint, presented by Glen Miller of the Oregon Department of Agriculture. EWEB Training Room, 500 East 4th Avenue, Eugene. Call 541-746-9478.

February 16, Saturday, 9 am

Field Trip: Mt. Pisgah. View early wildflowers and see habitat restoration work on the flood plain of the Coast Fork of the Willamette. Dwarf isopyrum should be blooming. Walk 3 miles total. Bring snacks and water. Meet at 9 am at South Eugene High or 9:15 am at the Mt. Pisgah Arboretum. Return by 1 pm. Call 541-345-5531.

March 17, Monday, 7:30 pm

Meeting: Inside Trees—A Look at Rare and Beautiful Woods from Around the World. Alan Curtis, a retired forester/botanist for BLM, has been collecting wood for over 50 years, and has sent over 1000 specimens to universities for their studies. He also supplies specimens to collectors around the world. He has gathered most of these woods through travels here in the USA and abroad. He will bring some of his most beautiful specimens for viewing. EWEB Training Room, 500 East 4th Avenue, Eugene. For more information call 541-746-9478.

High Desert

For information on the High Desert Chapter, call Berta Youtie at 541-447-8166.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby, 541-884-5703, smalaby@cs.com.

Mid-Columbia

February 14, Thursday, 7 pm

Meeting: Ethnobotany of the Columbia Gorge, a talk by Krista Thie, botanist and trail builder. The Board Room, Building 1, Columbia Gorge Community College, The Dalles. **Please Note New Location and Time.**

April 20, Sunday, 10 am–4 pm

Event: Wildflower Show. Mid-Columbia Chapter presents the Annual Wildflower Show at the American Legion Hall in Mosier.

North Coast

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

Portland

The semi-official e-mail newsletter of the Portland Chapter is The Calochortus. If you are not receiving it and would like to, send an e-mail to Don Jacobson at: donjphoto@gmail.com

February 14, Thursday, 7 pm

Meeting: More Than Monarch Food! A Look at Mexico's Diverse Milkweeds. Dr. Mark Fishbein, Director of the Portland State University Herbarium, will enlighten us about milkweeds and his field work in Mexico's deserts and rain forests. This program is rescheduled from an earlier date. Location: **The Mt. Tabor Presbyterian Church** on SE Belmont Street at SE 54th Avenue. Enter the church parking lot from SE 54th Avenue.

March 15, Saturday, 8:30 am

Field Trip: Catherine Creek. The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several *Lomatiums*, and many others.



Dwarf isopyrum or false meadowrue (Enemion stipitatum) is an early bloomer in the buttercup family. Join the Emerald Chapter for a trip to see this rare plant at Mount Pisgah near Eugene.

TANYA HARVEY

Leave at 8:30 am, Gateway/NE 99th Ave Park and Ride, southeast corner of parking lot. Or meet at Catherine Creek at 10 am. 120 miles round-trip drive; easy walking 3 to 4 miles, with 500 ft. elevation gain. Call Jan and Dave Dobak at 503-248-9242 for more information.

Siskiyou

SOU Herbarium Public Hours

The SOU Herbarium will be open from 7–7:30 pm immediately preceding the NPSO meetings on the third Thursday of each month (except December). The Herbarium is located in the SOU Science Building, Room 206. Call Connie at 541-488-0368 for information or to schedule another time.

February 21, Thursday, 7:30 pm

Meeting: *Stephanomeria malheuren-sis*, a rare plant species from eastern Oregon—its origin and conservation. Les Gottlieb will talk on *Stephanomeria malheuren-sis*, one of the first rare and endangered plant species from Oregon listed by the Federal Government. The US Fish & Wildlife Service recently funded a project to reintroduce the species to its single known site south of Burns. *Stephanomeria malheuren-sis* is one of the very few examples of a plant species that originated recently. Since we also know the parent species, *S. exigua* ssp. *coronaria*, we can determine how *S. malheuren-sis* differs from it. Les is a member of the Siskiyou chapter and State chair of the Rare & Endangered Plants Committee. He retired and moved to Ashland in 2004 after serving as Professor of Genetics at UC-Davis for 35 years. His research interests involved plant speciation and evolution, the genetic basis of morphological differences between species, and the evolution of genes. Room 171 of the SOU Science Building, Ashland. For more information, contact Alex Maksymowicz, 541-482-1964

Umpqua Valley

February 14, Thursday, 7 pm

Meeting: TBA. Watch the *Roseburg News Review* for presentation information. A regular business meeting will follow the presentation. Agenda includes planning for our upcoming plant sale. Meet upstairs in the Mercy Education Bldg., 2459 Stewart Parkway, Roseburg. For more info call Sam Friedman at 541-673-0589.

February 16, Saturday, 8:30 pm

Field Trip: Beatty Creek RNA. The flowers were just starting to bloom at this time last year. Beatty Creek, tucked away on the north slope of Cow Creek, is a wonderful place to view many different saxifrages. We will try to see them all this year. Meet in the NE corner of the parking lot behind the Douglas County Courthouse, west of Fowler Rd, between Hwy. 138 and Douglas Ave in Roseburg. Or, you can meet us at the Tri City McDonalds, Exit 103 at 9 am to carpool or caravan. For information call Sam Friedman at 541-673-0589.

Willamette Valley

February 25, Monday, 7–8:30 pm

February 27, Wed., 7–8:30 pm

Class: Native Trees. Oregon is home to nearly 30 species of native conifers. Horticulture and native plant expert Wilbur Bluhm will teach this two-session class on how to identify Oregon conifers, where to find them, their uses and environmental status. Bluhm is an Oregon State University Extension Service professor emeritus. Both classes will be held at the Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. A field trip may be scheduled at a later date. The program is part of the Amateur Naturalist Series and is free and open to the public. It is co-sponsored by the Willamette Chapter and the Friends of Straub Environmental Learning Center. For more information, call 503-391-4145.

William Cusick

February 28, Thursday, 7 pm

Meeting: RNAs in the Blue Mountains. Jenifer Ferriell will provide an overview of the Forest Service Research Natural Areas and RNA program in the Blue Mountains. Little is known about a number of the RNAs. Following the presentation, discussion will focus on this year's field trips, including selecting one or more RNAs to visit. We will also discuss the feasibility of presenting a sedge workshop this summer. Meeting will be at Baker County Library, 2400 Resort Street, Baker City.

March 20, Thursday, 7 pm

Meeting: Speaker to be determined. LaGrande Public Library.

April 24, Thursday, 7 pm

Meeting: Speaker to be determined. Baker County Library, 2400 Resort Street, Baker City.



TANYA HARVEY

Our familiar Douglas-fir (correctly spelled Pseudotsuga menziesii) is grown for timber in southern South America where it is known as "Oregon pine." It has also become naturalized, as it has here at a ski area in Argentina.

Siskiyou Environmental Film Festival

February 7–9, One Eleven Evelyn, Grants Pass

Our 7th annual film festival has taken shape. We hope you will join us for this historic event in Grants Pass at One Eleven Evelyn—a Center for the Arts on February 7, 8 and 9. We hope to inspire you with the great works of individuals, activists and film makers. Our festival will highlight sustainable solutions available for the environmental challenges we face as well as show you the power of individuals to create change. The message this year is that we can be inspired by the actions of regular people, and we can find hope and solutions if we choose.

Please visit the film festival website, SiskiyouFilmFest.org to see the schedule, preview the films and get tickets.

This year we will also feature two Youth Film Festivals! On Saturday, February 9, the Kids Festival will run from 10:30–11:30 am and the Teens Festival will go from noon to 2 pm. Both Festivals are free.

Special guests at this year's festival will include special guests Agnes Pilgrim, Patsy Smullin and John deGraaf. Patsy, the President and Owner of

KOBI, channel 5, the only local and family-owned broadcasting company in southern Oregon, will MC opening night Thursday, February 7th. Patsy is a trustee of Willamette University and a board member of the SOU Foundation.

Taowhywee, Agnes Baker Pilgrim, the oldest living member of her tribe, the Takelma Indians, resides in Grants Pass. Agnes is a world renowned spiritual leader, member of the Historic Society and keeper of the Sacred Salmon Ceremony.

John has been producing PBS documentaries for 24 years, with a focus on social and environmental issues. John's *Affluenza* TV programs were seen by 10 million Americans. He'll join us on Friday, February 8 for the screening of his new film, *Buyer Be Fair*.

If you'd like to volunteer or be a sponsor please contact FilmFest Producer Barry Snitkin at bsotar@frontiernet.net or call 541-592-2693. Tickets are available on the website, at The Creative Alternative in Grants Pass or at the door.

Mount Pisgah Arboretum Events

34901 Frank Parrish Rd. (I-5, exit 189 to Seavey Loop Rd.), southeast of Eugene. For more information or to register call 541-747-1504 or visit www.efn.org/~mtpisgab.

Lichen Walk

February 16, Saturday, 1–3 pm

Winter exposes hidden beauty at the Arboretum. After the leaves fall, trees remain draped in green with many different species of lichens. Come explore these unique organisms on a fascinating walk with local expert Daphne Stone. Learn about the symbiotic relationship between algae and fungi that create the many species of lichens, and explore their ecological importance in Oregon forests and woodlands. All levels of expertise are welcome. Meet at the Mount Pisgah Arboretum Visitor Center, rain or shine. \$5; MPA members free. Limit 20. Call

Mysteries of Trees Walk

February 22, Friday, 10am-noon

Join Lane County Extension Forestry Agent Steve Bowers as we explore the Who, What, Where, Why, and How of our forest. Who are these trees? What makes the oak savannah special? Where are the different eco-niches within the Arboretum? Why do we thin some trees at Mount Pisgah and not others? How are we managing the Arboretum's amazing sylvan ecosystems? Bring your forestry questions and prepare to pick Steve's brain! Meet at the Mount Pisgah Arboretum Visitor Center, rain or shine. Limit 20. Call 541-747-1504 to RSVP.

NABA Invertebrate Conservation Talk

What Good Are Bugs? The Case for Invertebrate Conservation
February 4, Monday, 7:30 pm; Refreshments at 7 pm

The North American Butterfly Association of Eugene-Springfield presents Scott Hoffman Black, the executive director of The Xerces Society the international organization created to protect the biological diversity of invertebrates.

With well over 1 million known species, insects and other invertebrates eclipse all other forms of life on Earth. The ecological services of insects, such as pollination, are vital to life on this planet. Though they are indisputably the most important creatures on earth, invertebrates are often overlooked. Scott Hoffman Black will explain why we should be concerned with conserving insect habitat and highlight important ways that each of us can better protect this valuable resource. EWEB Training Center, 500 East 4th Avenue, Eugene. The event is free and open to the public. For more information, contact Ellie Ryan at 541-684-8973.

Siskiyou Field Institute Course

To learn more about courses or to reserve your place, visit www.thesfi.org or call 541-597-17530.

Winter Ecology

February 16 (evening only) and 17 Ashland, OR

Strap on snowshoes and discover the world of winter with naturalist Kristi Mergenthaler. Investigate ingenious ways plants and animals adapt to life in the cold and snow. Practice identifying winter plants and reading animal signs. Learn the basics of snow science. Class begins Friday evening with a presentation to prepare us for exploring the snowy world of Mt. Ashland on Saturday. Moderately strenuous snow shoeing—beginners are welcome! For more information or to register call 541-597-8530 or www.thesfi.org

Nearby Nature Event

**Spring New Volunteer Orientation
March 12, Wednesday, 6:30–8 pm**

Love nature? Enjoy kids? Learn all about leading school nature walks in Alton Baker Park in Eugene this spring as well as other Nearby Nature volunteer opportunities. No experience needed—free training provided in early April. Meet from 6:30–8 pm in the Tykeson Room at the Eugene Public Library.

Nearby Nature guides take small groups of K–5th graders on interactive nature walks, sharing with them the wonders of everything from beavers to butterflies, rocks to recycling. Using hands-on activities, nature games, and storytelling, guides help kids learn to appreciate as well care for local natural areas. Walks are held on weekday mornings from late April through mid-June. Questions? Call Nearby Nature at 541-687-9699, e-mail info@nearbynature.org, or see www.nearbynature.org.

Restoration Ecology and Conservation Biology Paid Internships

The Institute for Applied Ecology will be hiring up to eight interns this summer for field work and related activities. Our paid positions are intended to provide field experience to individuals considering conservation biology or restoration ecology as a career. Internships are partially supported by the Native Plant Society of Oregon, and interns are asked to write short articles for the NPSO *Bulletin*.

Prairie Restoration Research: (3 positions): Interns will help on a large scale research project studying prairie restoration methods in Oregon, Washington, and British Columbia. Field work will involve botanical surveys, soil sampling, and other ecological measurements. Applicants with plant identification skills are particularly encouraged to apply. Approximately 65% of the work is conducted out-of-town/overnight (mostly in Washington). Applicants **MUST** be able to start mid-April, with a flexible end date (typically mid-July). Questions? Amanda Stanley (astanley@peak.org).

Conservation Research (3 positions): Interns will work on a variety of projects throughout the summer including rare plant habitat surveys, threatened and endangered species research and monitoring, and invasive species research throughout the state of Oregon. Approximately 50% of the work is conducted out-of-town/overnight (accommodations include both hotels and primitive camping sites). Applicants **MUST** be able to start by the second week of May, with preference to those who can start in mid- to late April. Internships will last 12 weeks, with the potential for an extension. Questions? Andrea Thorpe (athorpe@peak.org).

Prairie Species Habitat Conservation Plan (1 position): Intern will complete habitat assessments on public and private lands in Benton County, OR. Fieldwork (daytrips from Corvallis) will include general botanical survey and surveys for threatened and endangered plant species. Applicants with plant identification skills or familiarity with Willamette Valley flora are encouraged to apply. Late April–early July. Questions? Carolyn Menke (cmenke@peak.org)

Visit our website, www.appliedeco.org, to learn more about these projects.

Qualifications:

- Interest in conservation biology, restoration ecology, botany
- Plant identification and ecological research skills (or willingness to learn)
- Attention to detail
- Ability to work long hours in hot, dry and cold, wet conditions with exposure to poison oak

Compensation: \$9.00/hr plus travel expenses associated with overnight field work (food and lodging). Housing in Corvallis is not provided.

To Apply: Send a letter of interest stating when you would be available to start work (this is a **MUST**) and which project(s) you would prefer, résumé, transcripts (unofficial is fine), and two letters of recommendation. Non-U.S. residents must also include a copy of their work visa or an application for a work visa. Applications will be considered upon receipt. **Applications must be received by Monday, February 11, 2008, and may be sent via mail, e-mail, or fax.**

Intern Applications Institute for Applied Ecology
P.O. Box 2855 (563 SW Jefferson Ave. for FedEx/UPS)
Corvallis, OR 97339-2855
phone: (541) 753-3099
e-mail: astanley@peak.org (please include “intern application” in subject line)
fax: (541) 753-3098

Toyon in Oregon

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The extreme southern end of its native range also extends beyond the California's most southern border as well, slightly into Baja California. The sometimes recognized variety *macrocarpa*, possessing slightly larger fruits, is also found on portions of California's Channel Islands. While still primarily a California state native, toyon also occurs in Hawaii where it was introduced and where, at least in one place (Mauna Kea State Park), it is now naturalized.

While considered to be "child-safe" for a Christmas wreath, the bright red berries of toyon taste similar to an overripe, mealy dry apple. Because the plant contains cyanogenic glycosides which can form highly toxic cyanide (particularly documented in the rumen or stomach of goats), it is recommended that the raw berries never be eaten in any large quantity. Many Indian tribes, first cooked them by roasting or boiling them, or as the Karuks did: placing the berries on a basket plate near a fire. Cooking may also remove the slightly bitter taste of the fresh fruit. Reportedly a "pleasant cider" was also made from these berries by Spanish Californians and early settlers. Of course, birds such as cedar waxwings, as well as squirrels and other wildlife,

rely on the abundant berries during the often less food abundant winter months.

To better protect toyon's northern location near Pappas Flat in the Smith River NRA in California, Oregon Wild and others have asked the Forest Service to provide controlled motorized access by closing and regulating an existing (but still unlocked) gated road leading to where the toyon grows. However, so far the Forest Service has expressed little interest in this idea, saying it instead plans to place boulders around a parking area to be established at the flat. Last year a motorcycle did donuts in the meadow, and a nearby madrone tree was shot up for even more "fun".**

The just discovered Sourdough Flat toyon site, also a long time destination of ATV riders and the high clearance vehicle crowd, should similarly be evaluated to try to reduce the chance of Oregon's newest discovered shrub there unknowingly being turned into wiener and marshmallow roasting sticks, or burned for fuel in somebody's campfire.

If you wish to see some of these northernmost toyon pioneers, your most accessible location is to find them along Hwy. 199 in northern California just east of Del Norte County's Hardscrabble Creek. Area botanist Veva Stansell of Pistol River, Oregon had

reported several plants (to this author) along Hwy. 199. An investigation in the fall of 2006 found these plants to be located between the highway's 10.5 and 11.75 mile posts along Del Norte County's Hwy. 199 in the same general locale the Callahan specimens were first collected in 1983.

While one of the nicest and easily observed toyon shrubs occurs just above Hwy. 199 at the 10.5 mile post, it was unexpectedly and severely damaged by telephone or utility line clearing activities in June 2007. Unfortunately, at the time not contained on the Forest Service's comprehensive Gasquet species plant list, Cal Trans, too, had no prior knowledge of its occurrence in the area. Thus, somewhat belatedly, both agencies have now been informed of the plant's specific locations. Cal Trans in particular is now to be congratulated for recent plans to restore or enhance the species along its Highway 199 easement, even though the damage to this one stately plant was no fault of theirs.

Clare Golec and other Cal Trans project biologists visited the Hwy. 199 sites in August 2007 and announced they intend to take local cuttings to grow to expand the native population and re-vegetate a site where an expanded, but existing Hwy. 199 bridge is being built over Hardscrabble Creek. Related information will also thus be added to the state highway agency's data base in attempts to avoid unnecessary disturbances in the future.

* In checking with various herbaria, I also learned that the latest, correct scientific name for toyon is now *Heteromeles salicifolia* (C.Presl) Abrams. This name will soon come into wide use, as it is already being used at some herbaria and their databases.

** Also, to request the Forest Service better protect the toyon and the Pappas Flat area by appropriately restricting unfettered OHV access to the Pappas Flat meadow area, please write:

Mary Kay Vandiver, District Ranger
Smith River National Recreation Area
Hwy. 199, P.O. Box 228,
Gasquet, CA 95543
mvandiver@fs.fed.us



COURTESY OF OREGON WILD

Toyon (Heteromeles arbutifolia) in fruit.

Rare Plant Descriptions Wanted

The Rare and Endangered Plants Committee has initiated a project to describe briefly each of the rare and endangered Oregon plant species listed by the Federal and Oregon State governments. So far, three descriptions with photographs have been posted on the NPSO website under the committee's heading (www.npsoregon.org/comm/RandE/RandE.htm): *Stephanomeria malheurensis*, *Erigeron decumbens* var. *decumbens*, and *Lupinus sulphureus* ssp. *kincaidii*. Since many NPSO members have significant and often first-hand knowledge of Oregon's rare plants, we invite you to join with us to provide additional write-ups.

The descriptions should be about 1–2 pages long, photographs may be either your own or obtained from various public venues (Oregon Flora Project, Oregon Natural Heritage Information Center, etc.). Already posted write-ups are suitable as models for your own presentations. Each write-up will be posted for about three months and then will remain available on the site. I will be happy to facilitate preparation of the write-ups by helping you find source materials and by editing your text when appropriate. Les Gottlieb, Chair of the R & E Plants Committee; contact me at Leslie@ashlandhome.net.

Grant Proposals Requested

NPSO 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.

For a copy of the program policy and guidelines contact:

Dan Luoma
Field Research Grants Committee Chair
3740 NW Harrison Ave.
Corvallis, OR 97330
541-752-8860

or visit NPSO's website, www.NPSOregon.org/comm/FRGC.htm. Research proposals are due by March 1, 2008.

Friends of the Oregon Flora Project



www.oregonflora.org

Our 2007-2008 Fundraising campaign is in progress, and we are still in need of your support! As of January 10, we have received just over \$37,500. Donations from individuals represent about half of our operating budget. To ensure that we are able to maintain our current level of staffing, we need to raise

a minimum of \$17,500 more. If you are not yet a Friend of the OFF, please join us now with a generous contribution! Do you use the Atlas in your work?—encourage your employer to support our work! All contributions are tax-deductible, and donors of \$350 or more will receive a copy of Turner & Gustafson's *Wildflowers of the Pacific Northwest* as a thank-you gift.

Be a part of developing an important and lasting contribution to botany in Oregon—support the Oregon Flora Project with a donation now! Checks can be made out to NPSO (with "OFF" on the memo line) and mailed to:

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

Call For Papers

by *Cindy Roché*, *Kalmiopsis* Editor

I'm still looking for articles for the 2008 issue of *Kalmiopsis*. All materials submitted should pertain to Oregon's native vegetation and flora. *Kalmiopsis* publishes two series articles: Plant of the Year, and Oregon Plants, Oregon Places, as well as articles about historical botanists and other features related to native plants or plant communities in Oregon. Please refer to previous issues of *Kalmiopsis* for length and content of articles; maximum length is 5,000 words. I would like to extend a particular invitation to authors writing about parts of Oregon not recently covered in *Kalmiopsis*. Contact me for a copy of "Instructions to Authors" or to place your name on a call list for writing book reviews.

Cindy Roché
P.O. Box 808
Talent, OR 97540
kalmiopsis@NPSOregon.org

NPSO Needs You!

The Native Plant Society of Oregon is the only organization in the state entirely devoted to native plants. For over 40 years, members of NPSO have worked to conserve our native plants and their habitats; led field trips and work parties; hosted meetings, wildflower shows and plant sales; given lectures and much more. They have also performed the many mundane tasks required to keep the organization working, both on the state and chapter level. None of this could be done without volunteers. If you are not already a volunteer, please consider contributing some of your time, energy, and talents to help NPSO pursue our important mission.

CURRENTLY VACANT POSITIONS

Conservation Chair and Committee Members. The conservation chair advises the state board on issues/actions happening around the state that may affect native plants and their conservation. The chair plays a vital role in keeping the board informed about present and future issues so that the NPSO can respond to proposed actions that may affect plant conservation.

Education Chair and Committee Members. This committee focuses on creating outreach opportunities to engage and educate the public about native plants—their conservation, diversity, ecology, and importance to our natural heritage.

If you are interested in any of these positions or would like more information, please contact NPSO state president, David Lebo, at president@NPSOOregon.org.

NPSO Items for Sale

NPSO Membership Directory lists names, addresses, phone numbers, and e-mail address of NPSO members (April 2007). Available from Jan Dobak, 2584 NW Savier St., Portland OR 97210. **\$3 postpaid.**

Vascular Plants of Lane County, Oregon: An Annotated Checklist. Emerald Chapter, NPSO. More than 1,740 species and varieties representing 39% of the 4,460 plants currently recognized by the Oregon Flora Project are listed with information on habitat, ecoregion, occurrence frequency, and native or non-native origin for every species. To order, send **\$15** payable to Emerald Chapter, NPSO to Lane County Checklist, Emerald Chapter, NPSO, PO Box 902, Eugene, OR 97440-0902.

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. Fourth printing, February, 2004. **Nearly sold out, now reduced to \$8.00 per copy.** To order, send check for the appropriate amount (made payable to NPSO) to: **Occasional Papers, NPSO, PO Box 902, Eugene, OR 97440-0902.**

Salal T-shirt. Attractive forest green t-shirts with botanical drawing of Gaultheria shallon in cream-colored ink by Carlton, OR artist and Cheahmill Chapter member, Marilyn Karbonski. High quality t-shirts, S-XL, short sleeve **\$15 plus \$5 shipping.** To order, call Jennie Sue Dunn-Dixon at 503-472-1745.

"Land of Umpqua" T-Shirt featured at the 2005 Annual Meeting is still available. It depicts the delightful *Calochortus umpquaensis* illustrated by Dorothy Schattenkerk and in cream, purple, yellow, and green. The shirts are **\$16 plus \$5 shipping** and come in light gray, beige, pink or light blue in sizes M, L, and XL. To order call Ron Hatt at 541-863-7024.

WELCOME NEW MEMBERS

10/15/2007–1/8/2008

Blue Mountain

Steven Roy
Robert V. Taylor

Cheahmill

Jake Hurlbert
Nancy Nunley

Corvallis

Matthew Barmann

Emerald

Jason Blazar
Joanna Brook
Phyllis Carter
Carol Deskines
R. P. Gordon
Charles Hammer
Hal Hushbeck
Sheila Klest
Lauri Mullen
Michael Nehls
Cindy Sorensen

Members At Large

Shane Barrow

Mid-Columbia

Kathleen M. Coffey

Portland

Marty Anderson
Julia Campbell
Gina Franzosa
Mona L. Hotchkiss
Steve Lower
John McGill
Brent Miller

Siskiyou

Dana Lewis

Willamette Valley

Valley Growers Nursery

William Cusick

Laurie Allen
Courtney Loomis

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair
3927 Shasta View St.
Eugene, OR 97405-4442

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

- New Renewal
 Student – \$12 Regular – \$18 Family – \$24
 Sustaining – \$50 Patron – \$100 Life Membership – \$500
 Subscription Only (*Bulletin* and *Kalmiopsis*) – \$18 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

- Jean Davis Memorial Scholarship Fund \$ _____
 Leighton Ho Memorial Field Botany Award Fund \$ _____
 Rare and Endangered Plant Fund \$ _____
 Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

- DIRECTORS (to 6/2008) Les Gottlieb, Ron Hatt, Frances Stilwell (to 6/2009)..... Lori Kayes, Esther McEvoy, Dave Predeek
 PRESIDENT David Lebo president@NPSOregon.org; 503-622-3191 ext. 639
 IMMEDIATE PAST PRESIDENT Kelli Van Norman kellivn@pcez.com; 503-236-8787
 VICE PRESIDENT Dan Luoma 3740 NW Harrison, Corvallis, OR 97330; vice-president@NPSOregon.org; 541-752-8860
 SECRETARY..... Harold Zald Forest Science Dept., 321 Richardson Hall, OSU, Corvallis, OR 97331; secretary@NPSOregon.org
 TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

CHAPTER PRESIDENTS

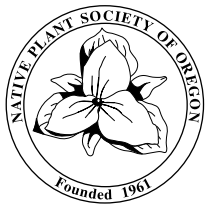
- BLUE MOUNTAIN (Pendleton) ... Jerry Baker P.O. Box 662, Athena, OR 97813; bm_president@NPSOregon.org; 541-566-2244
 CHEAHMILL Marna Porath PO Box 726, Amity, OR 97101; ch_president@NPSOregon.org; 503-835-1042
 CORVALLIS..... Matt Blakeley-Smith 812 SW 10th St., Corvallis, OR 97333; co_president@NPSOregon.org; 541-231-9861
 EMERALD (Eugene)..... David McClurg 724 Crest Lane, Springfield, OR 97477-3601; em_president@NPSOregon.org; 541-746-9478
 HIGH DESERT (Bend)..... Berta Youtie PO Box 606, Prineville, OR 97754; hd_president@NPSOregon.org; 541-447-8166
 KLAMATH BASIN Sarah Malaby kb_president@NPSOregon.org; 541-884-5703
 MID-COLUMBIA Hanna Metzger (secretary) 204 Prospect Ave., Hood River, OR 97031; hannam@gorge.net; 541-386-3268
 NORTH COAST..... Janet Stahl..... 9780 Whiskey Creek Rd., Tillamook, OR 97141; nc_president@NPSOregon.org; 503-842-8708
 PORTLAND..... Dee White 3836 SE 49th, Portland OR 97206-3016; ; po_president@NPSOregon.org; 503-775-2909
 SISKIYOU Armand Rebeschke si_president@NPSOregon.org; 541-482-2141
 UMPQUA VALLEY (Roseburg)..... Sam Friedman 1330 Cedar Ridge Ct., Roseburg, OR 97470; uv_president@NPSOregon.org; 541-673-0589
 WILLAMETTE VALLEY (Salem)..... John Savage 1645 Church St SE, Salem, OR 97302-2908; wv_president@NPSOregon.org; 503-399-8615
 WM CUSICK (La Grande)..... Sandy Roth (contact) 1805 U Ave., La Grande, OR 97850; stroth@oregontrail.net; 541-983-7870

STATE COMMITTEE CHAIRS

- BUDGETS AND GRANTS Dan Luoma..... 3740 NW Harrison, Corvallis, OR 97330; 541-752-8860
 CONSERVATION, EAST SIDE..... Position vacant
 CONSERVATION, WEST SIDE Al Johnson 2827 NE 14th Avenue, Portland 97212; rohan12@earthlink.net; 503-282-4597
 FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338
 LEGISLATIVE Les Helgeson greenhills@oregoncoast.com; 503-398-5965
 MEMBERSHIP Clayton Gautier 3927 Shasta View St, Eugene, OR 97405-4442; membership@NPSOregon.org
 RARE & ENDANGERED PLANTS... Les Gottlieb 1085 Timberline Ter., Ashland, OR 97520-3436; leslie@ashlandhome.net

PUBLICATIONS

- BULLETIN EDITOR..... Tanya Harvey bulletin@NPSOregon.org; 541-937-1401
 KALMIOPSIS EDITOR Cindy Roché P.O. Box 808, Talent, OR 97540; kalmiopsis@NPSOregon.org
 WEBMASTER Norm Jensen webmaster@NPSOregon.org



Send change of address notices
and membership requests to:
Native Plant Society of Oregon
Clayton Gautier, Membership Chair
3927 Shasta View St.
Eugene, OR 97405-4442

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IT'S STILL RENEWAL TIME!

The NPSO membership year is January to December. Many of you have already renewed, but if you haven't yet, please do so before February 15, 2008 to ensure that you do not miss out on any issues of the *Bulletin* or on the 2008 issue of *Kalmiopsis*. Before you send in your renewal, it's a good idea to check the address label on this issue of the *Bulletin*. If it shows 2008 (or a later year, e.g. 2009) along the top, you're all set and don't need to renew now.

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.

2008 NPSO Annual Meeting

Mark Your Calendars!

July 11-13

*Hosted by
Emerald Chapter*

Mt. Pisgah Arboretum
Eugene

More Information Soon!