



# *Bulletin* of the Native Plant Society of Oregon

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

---

VOLUME 27

NUMBER 4

APRIL 1994

---

ISSN 0884-599

## State News

May 13 - 15      **Annual Meeting:** In Ashland. See page 50, and also March Bulletin.

## Chapter News

### Blue Mountain

- April 4, Mon.      **Meeting:** 7 P.M. Small Business Development Center, 37 SE Dorian, Pendleton. Charlie Johnson, area ecologist, USNF, will speak on "The Subalpine of the Wallowa Mountains: Plant Communities and Flora."
- April 17, Sun.      **Field Trip:** Carpool to Jump-off Joe Butte, Kennewick, WA, to see rosy balsamroot, and to Twin Sisters on the Columbia. Meet, NE corner, Safeway parking lot, Pendleton, 8 A.M. Leader is Bruce Barnes, 276-5547.
- April 23, Sat.      **Field Trip:** Jointly with Wm. Cusick Chapter. Meet at the store in Troy, 9 A.M., for a hike into the Wanaha Wilderness. Call Marty Stein, 426-3443, or Bob Ottersberg, 963-9660, for information.
- April 30, Sat.      **Field Trip:** Boardman Bombing Range. Led by staff of the Nature Conservancy. Meet at NE corner, Safeway parking lot, Pendleton, 8 A.M. Call Bruce Barnes, 276-5547, for information.
- May 2, Mon.      **Meeting:** 7 P.M. Small Business Development Center, 37 SE Dorian, Pendleton. James McIver, LaGrande entomologist, will speak on arthropod communities on a native plant.

#### 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.

## Corvallis

- April 2, Sat. **Field Trip:** Phil Hays will lead a trip to McDowell Creek to see *Scoliopus hallii* (fetid adder's-tongue) in bloom. Meet, 9 A.M., in the parking lot across from the campus Beanery (26th and Monroe). Call Dick Brainerd, 758-4500, for information.
- April 11, Mon. **Meeting:** 7:30 P.M. Room 2087 Cordley Hall, OSU campus. Wilbur Bluhm will speak on "Native rhododendrons." Call Keli Kuykendall, 758-8409, for information.
- April 23, Sat. **Field Trip:** Columbia Gorge wildflowers. We'll explore some botanical hotspots of the Gorge. Meet to carpool, 7 A.M., in the parking lot across from the campus Beanery (26th and Monroe), or the Multnomah Falls parking lot on I-84, 9 A.M. Prepare for a daylong trip. Call Dick Brainerd, 758-4500, for more information.

## Emerald

- April 7, Thurs. **Field Trip:** 5:30 P.M. Evening wildflower walk with Dave Wagner. Meet at Mt. Pisgah Arboretum Nature Center. \$2 donation to the arboretum.
- April 8, Fri. **Field Trip:** 10 A.M. to noon. Wildflowers of the arboretum. Led by Rhoda Love. Meet at Mt. Pisgah Nature Center. \$2 donation.
- April 16, Sat. **Field Trip:** 9 A.M. Jenny Dimling leads a trip to Gold Point above Fall Creek, to look for *Romanzoffia tonsonii* and *Juncus kelloggii*. Meet at S. Eugene H.S. parking lot.
- April 25, Mon. **Meeting:** 7 P.M. Morse Ranch Park. Peter Zika will present "A Naturalist Visits the Rainforest Rivers of South America." Directions from downtown Eugene: Take Willamette St. south to Crest Dr. (right through "Y" for Donald, between 32nd and 33rd Aves. E). Go right (W) on Crest 4 blocks, turn right into Morse Ranch parking lot.

## High Desert

- April 26, Tues. **Meeting:** 7 P.M. Central Oregon Environmental Center, 16 NW Kansas, Bend. Susan Wilcox, Berry Botanic Garden, will speak on "Gardening with native plants."
- May 21, Sat. **Field Trip:** A day trip to an area between Bend and Madras where we will see efforts to restore damaged grassland and riparian ecosystems. Call Stu Garrett, trip leader, for information at 389-6981, evenings.
- May 24, Tues. **Workshop:** 3 - 8:30 P.M. Central Oregon Environmental Center, 16 NW Kansas, Bend. "Celebrating the wildflowers of central Oregon -- a workshop." Learn how to identify the common wildflowers of central Oregon. Hosted by the High Desert Chapter. Call Cindi O'Neil, 389-3085, for more information.

## Mid-Columbia

- April 6, Wed. **Meeting:** 7:30 P.M. Mosier School. Rob Kavanaugh, the "oaks man" of Washington, will give a presentation on the ecology of the Oregon white oak.
- April 10, Sun. **Show:** The 20th annual Wildflower Show, Mosier School, 10 A.M. to 4 P.M.
- April 16, Sat. **Workshop:** Plant-keying workshop at Jerry Igo's on Dry Creek Rd., near Mosier, 9 A.M. to 4 P.M. If you always wanted to learn to key plants, but were afraid to plunge in to Hitchcock, this is your chance. Free. Can accommodate about 30. Call 478-



3293.

May 4, Wed. **Meeting:** 7:30 P.M. Mosier School. Stu Garrett, High Desert Chapter, will give a presentation.

### North Coast

April 16, Sat. **Field Trip:** Hike to summit of Neah-Kah-Nie Mt. Three mile round trip. Meet, 9 A.M., at Tillamook PUD parking lot, or, 10 A.M., at trail head. Call trip leader Jim Winslow, 842-4131, for information.

April 18, Mon. **Meeting:** 7:15 P.M. Tillamook United Methodist Church, 3808 12th St. Joint environmental meeting with American Association of University Women. Speaker: Kris Woolpert. Note: This replaces regular April 26th meeting. Call Betty Stone, 842-4350, for information

### Portland

April 2, Sat. **Field Trip:** Jerry Igo will show interesting flowers around the back roads of Mosier. Meet at Lewis & Clark State Park, 8:30 A.M., or Mosier School, 9:45 A.M. For more information on all field trips call 639-3353.

April 9, Sat. **Field Trip:** Russ Jolley, with Friends of the Columbia Gorge, will lead a trip to 3 new sites in Washington. Leave 8:30 A.M. from Oregon Dept. of Transportation parking lot, NE 60th and Glisan, Portland.

April 12, Tues. **Meeting:** 7 P.M. First United Methodist Church, 1838 SW Jefferson St., Portland. Trygve Steen, biology faculty, PSU, will talk on President Clinton's "Option 9": Implications for ecology and the biodiversity of Pacific NW forests.

April 16, Sat. **Field Trip:** To the Weldon Wagon Trail in Washington to see early and rare flowers and wonderful views. Meet at Lewis & Clark S.P., 8:30 A. M. or Whitewater Market, Husum, 10:30 A.M.

June 2-5, Th.-Sun. **Field Trip:** Proposed. A special 4 day, professionally guided trip to Hart. Mt. N National Wildlife Refuge, to discover and photograph wildflowers in that unique geological region of southern Oregon. All meals, transportation and accommodations included for \$395, with 9-person maximum, 6-person minimum. A \$50 tax deductible donation will go to NPSO. Call Annmarie Housley, 292-0189, for more information.

### Siskiyou

April 21, Thurs. **Meeting:** 7:30 P.M. Room 171, Science Building, SOSC, Ashland. John Erwin will dazzle us with his wonderful wildflower slides. No chapter meeting in May.

April 23, Sat. **Field Trip:** Ramona Osburn will lead to the Britt Woods to see *Fritillaria gentneri*. Half day trip. Meet, 8:30 A.M., K-Mart parking lot (near McDonald's) or 9 A.M. at Van Wey's Market, Jacksonville.

### South Coast

**Organization:** The state board of directors of NPSO has approved the formation of the South Coast Chapter. The first officers are: Paul Bakke, president; Tim Rodenkirk, vice president; Jennifer Sperling, treasurer; Estella Morgan, secretary; Bruce Rittenhouse, conservation chair. The chapter will initially be field-trip oriented to try and establish a strong base of members. Projects may include helping with western

lily protection, and European beachgrass management..

- April 16, Sat. **Field Trip:** Lower Illinois River. Enjoy an easy to moderate hike up lower Illinois River trail to see early flowers. Meet: Gold Beach Ranger District, 9 A.M., to carpool, or 10 A.M., Cougar Store in Agness. Call Bruce Rittenhouse, 888-9328, for information.
- May 21, Sat. **Field Trip:** Cape Sebastian. Enjoy a nice walk to view coastal headland wildflowers. Meet at Gold Beach Ranger District, 10 A.M. Call Bruce, as above.
- June 4-5 Sat-Sun. **Field Trip:** Vulcan Lake, Kalmiopsis Wilderness. Pre-registration required. Two day hikes into Kalmiopsis wilderness from Vulcan Lake trailhead. Limit of 12 because of wilderness restriction. May have two groups if interest is high. For registration and information call Bruce Rittenhouse at 888-9328.

## Umpqua Valley

- April 14, Thurs. **Meeting:** 7 P.M. Room 310, Douglas County Courthouse. Ken French will speak on Oregon's noxious weed program. Call Russ Holmes, 672-4635, for more information.
- April 23, Sat. **Field Trip:** Up the South Umpqua to look for spring flowers. Meet at BLM parking lot, 777 NW Garden Valley Blvd., 7:30 A.M. for carpooling, with 8 A.M. departure, or at Fat Harvey's in Canyonville, for 8:30 A.M. departure. Call Richard Sommer, 673-3709, for more information.

## Willamette Valley

- April 2, Sat. **Field Trip:** Margie Willis, naturalist, Oregon State Parks and Recreation Dept., will show some outstanding, but little-known botanical sites in the Columbia Gorge, east of Hood River, the Overlook Area in Memaloose State Park and Stanley Rock at Koberg Beach State Wayside. See the uncommon *Meconella oregana* and the very rare violet *suksdorfia*. Easy half mile walk at Memaloose, short, steep climb at Stanley Rock. Wear sturdy shoes. From Salem, meet at North K-Mart parking lot, 7:45 A.M. From Portland, meet at Lewis & Clark State Park parking lot, 9:15 A.M. We'll go to Memaloose first, starting from eastbound Highway Rest Area (MP 73 on I-84). Call Wilbur Bluhm, 503-393-2934, for more information.
- April 18, Mon. **Meeting:** 7 P.M. United Methodist Church, 608 State St. NE, Salem. Tom Kaye will talk on "The reintroduction of the endangered pink sand verbena on the Oregon coast." Call 399-9680 for more information.
- May 1, Sun. **Field Trip:** Here's your chance to botanize in one of the least-known of the Columbia Gorge's state parks. -- Seneca Fouts Memorial Park -- just west of Hood River. Margie Willis will also introduce us to this area of wildflowers and early Oregon history. Easy, level walking. From Salem, meet at North K-Mart parking lot, 7:45. From Portland, as above. For more information call Wilbur Bluhm, 393-2934.

## Wm. Cusick

- April 20, Wed. **Meeting:** 7 P.M. Baker Ranger District Office, Wallowa-Whitman National Forest, 3165 10th St., Baker City. Paula Brooks will give a slide show on spring mushrooms of northeastern Oregon, with emphasis on safe collection of edible species. And she will discuss the Forest Service permit process for collecting mushrooms. Please be prompt. Call Paula, 523-6391, for more information.
- April 23, Sat. **Field Trip:** Marty Stein will lead a trip to the Wenaha River starting at its Conflu



ence with the Grande Ronde, near Troy. Meet at the Troy store, 9 A.M. This trip is jointly sponsored with the Blue Mountain Chapter. If you want to carpool from LaGrande or Elgin, call Bob Ottersberg, 963-6043. It will be a gentle day hike, so bring lunch, and be prepared for any weather.

May 14, Sat.

**Field Trip:** Jean Findley will lead a walk and work party to the Leslie Gulch Area of Critical Environmental Concern. Five listed plant species and unique geology occur at this site. Bring gloves and digging tools for a little weed control. Camping is possible. Meet at Marsing Park on the west side of the Snake River, 9:30 A.M., or the Leslie Overlook, 10:30 A.M. Call Jean, 473-6233, for more information.

---

### The Plant Puzzle

Sponsored by the Siskiyou Chapter

Do you recognize this native wildflower?  
The first person giving the correct scientific name will win a prize.  
Send your guess on a postcard to:  
**Peter Zika, 4230 NW Clubhouse Pl., #1, Corvallis, OR 97330**



Rhoda Love of Eugene was the first to solve the February puzzle -- Labrador tea, *Ledum groenlandicum*

---

#### **Guidelines for Contributors to the Bulletin**

NPSO Bulletin published monthly as a service to members and the public. All kinds of contributions welcome.

**Copy due by the 10th of the month.**

**CREDITS:** Identify author and affiliation. If not original, cite source and date.

Indicate if it is to be used in entirety, or to be excerpted at editor's discretion.

**ILLUSTRATIONS:** Line drawings, prints and high contrast black-and-white prints are useable. Some McIntosh graphics can be used. Contact editor for our current needs, or send illustrations with the article.

**BOTANICAL NOMENCLATURE:** Follow "Flora of the Pacific Northwest" by Hitchcock, or "The Jepson Manual," where appropriate.

**FORMAT:** Submissions can be in any form, but at present editor prefers hard copy. Use of a modem is not possible at this time. Editor follows "The Associated Press Stylebook." For further details consult editor

**ORIGINALS:** Submissions are not returned, unless requested.



## President's Column

As my term in office comes to a close I feel it is ok for me to indulge in a column of pleading, reminding and nagging.

First, a reminder that the deadline for submission of proposals to the Board for NPSO challenge cost-share dollars are due on May 1. These proposals should be sent to me. Please see the back of the Bulletin for my address. Again, these proposals should be no more than ONE page in length, and contain, in addition to the guidelines published in the February Bulletin, a list of all other contributors, including NPSO chapters, the benefits of this project to native plants, the educational aspects and the potential or objectives of the project. The maximum award for each project is \$500. If you have additional questions, please feel free to contact me.

Second, there are several Board level positions to be filled. The journal, *Kalmiopsis*, needs an editor. There is an associate editorial board which assists the editor, and most of the material for the next issue is in place. This is an absolutely essential position for us to fill. Frank Lang has produced a very professional journal that is an excellent reflection on the Society., We cannot afford to let this fade away. Any unique or imaginative ideas will be entertained as to how to fill this position.

We also need a chair for the legislative committee. Esther McEvoy has held this position for eight years and has now resigned. It is important that whoever fills this position have easy access to Salem and an interest in the political process.

Last, the NPSO will be sponsoring the Rare and Endangered Plant Conference in Bend this fall. If you have an interest in how this conference is to be organized or wish to help, please contact Stu Garrett.

We had a wonderful Board meeting in Mosier and are grateful for the burst of spring provided on that Saturday complete with sunshine, grass widows and yellow bells...ahhh spring at last!

Lisa Croft  
NPSO President

## 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 (see above). \$1 each; minimum order is five.

**NPSO Notecards** feature seven rare plants drawn by Julie Kierstead and one drawn by Valerie Sloane. They are printed on pastel parchment-style paper with matching envelopes. Notecards are sold through NPSO chapters, and 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 phone numbers of members (April, 1993). Available from Jan Dobak, 2584 NW Saver St., Portland, OR 97210-2412. \$2 each.

---

### Bulletin Mailer Still Needed

As we reported last month, one or two persons is/are needed one day a month, to pick up Bulletins from the printer, prepare them for mailing and take them to the postoffice. Living in the Portland area is obviously preferable. Contact Louise Godfrey, 503-223-4785, for more information.



## The New Herbarium

With the aid of a grant from the National Science Foundation, renovation and construction has been completed on a consolidated new herbarium facility at Oregon State University. This concludes a two year process which began in November, 1991, when the first suggestions were made to combine the University of Oregon and OSU herbaria in Corvallis. The next two years will see the integration, nomenclatural updating, and refileing of all OSU and UO specimens into a single collection. Dr. Scott Sundberg has begun an NSF-funded position to carry out the collection consolidation. He will be assisted in this undertaking by OSU graduate and undergraduate students.

The combined herbaria contain approximately 330,000 vascular plant, bryophyte, algal and fungal specimens. Another 32,000 specimens, the Morton E. Peck Herbarium from Willamette University, are maintained as a separate collection. The combined collections are stored in 296 herbarium cases housed in two adjoining rooms. The majority of the cases are mounted on 15 mobile carriages. A typical carriage holds 18 cases weighing in at a hefty 4.5 tons. However, with a 10,000 to one gear reduction, the carriages are easily rolled on fixed tracks. The advantage of this "mobile storage system" is the reduction of aisle space. The carriages are rolled apart when an access aisle is needed, and pushed together when not in use.

The system is designed to withstand a major earthquake of up to Richter magnitude 6.5. The paleontology collections at the Los Angeles County Museum are housed in a similar facility and are reported to have survived the recent earthquake undamaged.

The newly consolidated herbarium hopes to continue serving as the central resource for the documentation and study of Oregon's rich flora. The herbarium is dedicated to research in plant systematics, public service through the identification of plant specimens, and answering inquiries about plants of the Pacific Northwest. In addition to providing the principal training ground for students in plant systematics, the herbarium serves as a source for information and specimens for researchers at OSU and other institutions. The herbarium is utilized for providing identification, distribution data, and bibliographic data on Oregon plants, including rare and endangered plant spe-

cies. It advises on floristic surveys of important natural areas. And it gives information on human-related concerns, such as weeds, edible plants, poisonous plants, wildlife food plants, anthropological materials, wildflowers, and cultivated plants.

The herbarium is generally open to the public from 8 A.M. to 5 P.M. on weekdays. Please contact the herbarium curator, Dr. Richard Halse, 737-5297, or me, Aaron Liston, 737-5301, if you would like to plan a visit. We are also interested in training volunteers to assist in herbarium consolidation. Let us know if you are interested in participating in this process.

Aaron Liston  
Herbarium Director  
Dept. of Botany and Plant Pathology  
Oregon State University  
Corvallis, OR 97331-2902

---

*We cannot, as we all know, believe everything we read. It was reported here that the fourth NPSO/ODA summer intern's report for the 1993 field season had not been written. But, mirabile dictu, here it is!*

### Stalking the Elusive *Cimicifuga elata*

Matt and I set out that final Friday morning to the Medford area in search of *Cimicifuga elata*. Plant Conservation Biology Program director Tom Kaye had sent us off to check on a site reported to us by the BLM in Medford. It was the last day of my two week stint with the plant conservation biology crew where, during that time I had studied and searched for four plants -- *Haplopappus radiatus* (I almost regretted that it had been such a good year for this plant.), *Lupinus cusikii* (my favorite, the cute cushion lupine), *Aster vialis* (loves to grow with healthy poison oak), and *C. elata*. On this hot, August day, I was to find out why the previous year the crew had made their t-shirts emblazoned with: "Stalking the elusive *Cimicifuga elata*."

*Cimicifuga elata* (tall bugbane) is an herbaceous perennial native to Oregon and Washington west of the Cascades. It grows 1-2 meters tall and has clusters of white, apetalous flowers. *C. elata* tends to grow in populations of less than 100, on north-facing slopes on seeps in old-growth forests. It is a candidate for state protection as a threatened or endangered species, and is currently protected as a



sensitive species on Forest Service and BLM lands. Logging of old-growth forests is suspected to pose a threat to *C. elata* populations.

We got an early start that morning, recognizing the two to three hour drive just to get to the site. The site was only about a half mile from I-5, but could (theoretically) be reached more easily via back roads. Reaching the end of the driveable section of the dirt road at about 11:30 A.M., we got out to hike to the end of the road (about a mile and a half) and head down to the site from there.

We were optimistic at this point, thinking we could still make it back to Corvallis by 5 or 5:30 P.M. Unfortunately our map was pretty vague, and the scale such that distances and specific contours were difficult to gauge, especially without a compass or altimeter. We climbed down the slope over downed logs and through the dense rotting wood of the lush and speciose old growth. We traveled like this for close to two hours, writing down plant species as we went. Soon, we could hear the highway and decided that according to the map, we were at least past where the site was supposed to be, and most likely far past it. We rested for ten minutes or so, to give our knees a rest, then headed back, only at a higher altitude this time. We suspected we had dropped too far before heading across on the way out. We hiked up and back for close to an hour, when suddenly (as seems to be characteristic in finding tall bugbane) Matt looked down on a leaf that caught his eye, and sure enough, we were standing in a population of *C. elata*. Looking around, I could not believe that I had not noticed the characteristic sprays of white from their inflorescences before. We counted the reproductive plants, the juveniles, took down the associated plant species (e.g. *Pseudotsuga menziesii*, *Abies grandis*, *Acer macrophyllum* and *Rubus parviflorus*), and thought we might still be able to hurry back to Corvallis close to on time.

Hundreds of small downed trees along with a few large ones (maybe more than a meter in diameter) were determined to slow our progress. After several scrapes, falls, and a BIG tear in the seat of my shorts, we decided to head straight up the hill to the first road (it seemed easier at this point to navigate from the ridge top, or from a road we could find on the map). We were euphoric when we finally reached the road, practically running down it the two or so miles to the car. Finally, we made it back to Corvallis by 8 P.M. And we were, by then, able to reflect upon the day as a learning experience for botanists; remember to always have

with you: Hitchcock, hand lens, good maps, as compass, endurance, and a good sense of humor. My only regret was that I was unable to say goodbye to the rest of the crew, as they had already gone home for the weekend.

Thus my summer of botanizing, both for ODA/PCBP and for the Forest Service in Heppner, came to an end. Thanks to the internships available from the NPSO, to Tom Kaye and Bob Meinke of OSU, and to Melissa x 2, Steve and Angie, I was able to help find, study and protect four plants I might never have known existed. After botanizing this summer, the outdoors offers so much more than I ever would have thought to look for and appreciate before. Thank you, again.

Jill Elise Van Winkle  
Whitman College

---

### A Journey Through Time Chronicles of a Past and Present Invasion

The organizational meeting of the Pacific Northwest Exotic Plant Pest Council, PNW-EPPC, held in Pendleton, Oregon, on December 10-11, 1993, was really an eye opener for me. After growing what was probably Umatilla County's first plant of velvetleaf (*Abutilon theophrastii*) from seed that contaminated either a bag of commercial potting soil or from the nursery plant I planted in that soil (I guess I'll never know which), I was really looking forward to the meeting. I wasn't disappointed! A few days after the meeting, I traveled to Heppner, Oregon. Because of a recent rash of wintertime accidents on I-84, I decided to take the back roads. The combination of the EPPC meeting and the journey over the oh-so-familiar terrain caused me to think back over the changes in the green mantle of the land that I have witnessed since moving to Pendleton some 26 years ago.

I used to spot small bushes of purple ball sage (*Salvia dorrii*) which bloomed each May just southwest of Pilot Rock on the north side of Highway 395. Now that hillside is obscured by a thicket of teasel (*Dipsacus sylvestris*) and just beyond the teasel patch is a gigantic crop of Scotch thistle (*Onopordum acanthium*). After turning west from Highway 395, I came to the site where I had found a sensitive plant population some 18 years ago. Laurent's milkvetch (*Astragalus collinus laurentii*) still grows there but now it's losing ground



