

Sage Notes



... promoting interest in
Idaho's native flora.

Summer 2009 ❖ SAGE NOTES ❖ A Publication of the Idaho Native Plant Society Vol. 31 (2)

Bear River Range Native Seed Collection Excursions

By Stephen L. Love, Thomas Salaiz and Mikel R. Stevens

Researchers involved in the University of Idaho's native plant domestication project are working to find native plant materials that may be useful in home landscapes. In part, plant materials are obtained via personal seed collection expeditions. From 2005 through 2007, seed collection activities targeted the Pioneer Mountains region of south-central Idaho, the Owyhee Mountains south of Boise, and the Seven Devils region of west-central Idaho. In 2008, collection expeditions were completed in the Bear River Range of extreme southeastern Idaho and northern Utah. This is a region with unique plant ecosystems in comparison with other regions of Idaho. Within this article is a report of the Bear River range plant collection trips.

The predetermined seed collection objectives in 2008 were to take representative samples (50-200 seeds) of perennial wildflowers, small shrubs, and trees. Specific target plants included asters and daisies (of various species), penstemons (*Penstemon* sp.), fire chalice (*Zauschneria garrettii*), buckwheats (*Eriogonum* sp.), heucheras (*Heuchera* sp.), mints (*Agastache* and *Monardella* sp.), serviceberry (*Amelanchier alnifolia*), honeysuckle (*Lonicera utahensis*), currants (*Ribes* sp.), antelope bitterbrush (*Purshia tridentata*), and bigtooth maple (*Acer grandidentatum*). The Bear River Range is one of the predominant habitats of the bigtooth maple.

The 2008 collection activities included an initial scouting trip and two separate seed collection trips. Because much of the Bear River Range area is fairly moderate in elevation, late May or early June was considered the optimal time for seeing a high percentage of plants in full bloom. However, a heavy snowpack and cool spring conditions delayed plant development. The scouting trip was eventually scheduled for June 17 through 19. During the scouting trip, plant populations of interest were identified and GPS'd to record specific collection sites.

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Sage Notes is in color on the INPS website:
<http://www.idahonativeplants.org/>



The authors overcame steep terrain and persistent snow while collecting 47 natives in the Bear River Range.

{ Articles contributed to *Sage Notes* reflect the views of the authors and are not an official position of the Idaho Native Plant Society }

Letter from the President

Dear INPS Members,

Since this is the last time I will be addressing the INPS membership, I want to thank each and every member of INPS for being the terrific people you are. This is your organization and you are the people who make things happen. One of my chief goals during my presidency has been fostering relations between individuals and chapters. Once people from each chapter become acquainted with members from other chapters, they realize how similar we all are. Each member of INPS has a basic interest in native plants and fits in with all other members--whether you are a professional or a beginner, the tie that binds is the love of nature. All other issues can be resolved, but that connection exists.

Speaking of connections, Sah-Wah-Be Chapter has scheduled a full slate of activities for the annual meeting to be held June 26-28 at Buffalo Campground in Island Park. This is your golden opportunity to become acquainted with people from other chapters. This is also the time to participate in the annual meeting held Saturday directly after dinner. This is the only general membership meeting of the year. The new INPS officers will be announced and will assume their duties at the end of the annual meeting. If you have not made your reservations, please contact Barbara Nicholls.

Spring has finally arrived. With Spring's arrival the many varied and beautiful flowers are coming into their own. For those of you who are camera buffs there is an opportunity opening up to showcase your photographs. The INPS Calendar committee is laboring diligently to produce a 2010 calendar. This is a new project for

INPS and the Calendar Committee is forging new ground in figuring out how this should be done. A photo contest announcement is in this issue of Sage Notes.

I wish to sincerely thank all of the people who have been working on the committees that make INPS the truly remarkable organization that it is. Over the last three years, I have worked with about 70 INPS general members who have given of their time, efforts, and energy to make things happen. The committees have been: Annual meeting, Bylaws, Calendar, Conservation, ERIG, Membership, Nominating, Rare Plant Conference and Sage Notes. One of our unsung heroes is Paul Shaffer who voluntarily maintains the INPS web site.

Then too, the Board deserves many kudos for working very hard to make decisions that guarantee the smooth running of the Society and the continuance of the Society as an entity. There are also those people who have not been formal members of a committee, but have given their input and advice on projects to help bring them to a successful conclusion. Many thanks.

Again, a reminder, this is your Society and it is up to all of you to keep it going. If you are asked to serve on a committee, please give thought to all of the benefits all of us receive and then become an active committee member.

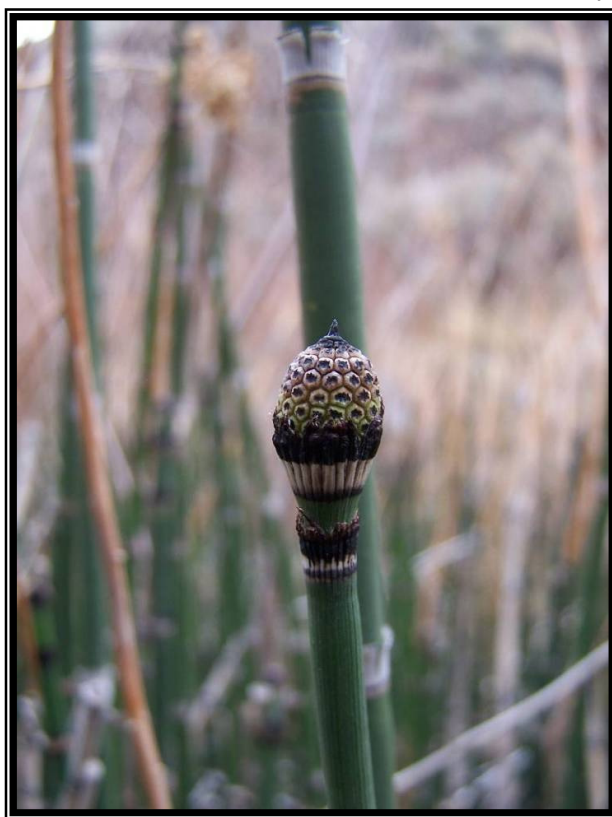
Looking forward to seeing a great many of you at the annual meeting

June 26-28. The 2010 annual meeting will be hosted by White Pine Chapter.

I have greatly enjoyed being your president for the last three years. Thank you for letting me serve.

Cheers!

Janet Benoit



Equisetum hyemale, scouringrush horsetail, from Big Jacks Creek south of Bruneau, Idaho (photo D. Levy-Boyd).

2009 IDAHO NATIVE PLANT SOCIETY ANNUAL STATE GATHERING / MEETING

JUNE 26-28, BUFFALO CAMPGROUND, ISLAND PARK, IDAHO

You are invited to this summer's 2009 INPS Annual State Gathering / Meeting. This gathering will offer native plant field trips to famous and historic sites, the State Annual Meeting, a catered dinner, a speaker, and an opportunity to socialize with native plant enthusiasts from throughout the state. This event will be hosted by the Sah-Wah-Be chapter of SE Idaho. If you have questions, please phone 208-233-0714.

(You may want to make this weekend part of a longer trip, as the campground is only 30 minutes from the West Entrance to Yellowstone National Park, a world-famous geothermal area. Teton National Park and Jackson Hole are also nearby.)

When: Friday, Saturday, and Sunday, June 26, 27, and 28, 2009.

Where: Buffalo Group Campground, Island Park, ID. Friday and Saturday campsite fees will be paid by INPS. The campsite has also been reserved for Sunday night for those who wish to stay longer and share the nominal fee for that night's camping. For those who might prefer not to camp, there are motels and other accommodations available in Island Park. The Internet is an invaluable resource for finding motels in the area.

FRIDAY, JUNE 26:

After settling in, we invite you on a guided tour of Harriman State Park. Participants will leave together from the group campsite at 4 pm. Dinner is on your own but join us later for socializing by the campfire.

SATURDAY, JUNE 27, FIELD TRIPS:

Wendy Velman, BLM Botanist and nominee for president of INPS, will lead a field trip to the fen habitat surrounding the famous Henry's Lake. There are many native wetland species as well as rare plants to see. Other field trip options include the beautiful Mesa Falls, historic Harriman State Park, and possibly Sawtelle Peak. All field trip sites are located 30 minutes or less from our campsite.

SATURDAY, JUNE 27, EVENING EVENTS:

The State Annual Meeting will follow a catered dinner. This meeting will include the election of 2009-2010 state officers plus deal with important issues of our organization. After this, our featured speaker will be Jennifer Whipple, Yellowstone National Park Botanist. She will speak about the flora of the area including its rare plants. While Yellowstone's flora is generally typical of the Central Rocky Mountains, the geothermal systems found in the Park add an unusual component to the vegetation found in that area.

SUNDAY, JUNE 28:

An optional 2-3 hour Big Springs Float Trip will be led by Ruth Moorhead. Ruth has led this float many previous summers as a class leader for the Sawtooth Institute. Ruth is very knowledgeable about plants and birds. Bring your canoe, kayak, or raft, or rent from Mack's Inn. There will be no boating instruction, but this is a Class 1 Easy Float.

*****If you plan on attending please fill out and return this registration form*****

----- Please cut here and mail this reservation form -----

2009 INPS ANNUAL MEETING RESERVATION FORM

Please mail this form with your check for the dinner (\$16 per person made out to Sah-Wah-Be Chapter, INPS) **asap** to: **Barbara Nicholls, 9440 West Caribou Road, Pocatello, Idaho – 83204**

PLEASE PRINT

Name(s) _____

Mailing address _____

Phone(s) _____ Email Address _____

Chapter affiliation _____ Non-member _____

Please check what you will need: Space to park an RV _____ Length _____
Tentsite for one tent _____ For 2 tents or more _____ How many? _____

For which nights _____

Are you interested in Friday's Harriman Park guided tour? _____

Are you interested in Sunday's Float? _____ Will you be bringing your own boat? _____

Number of Saturday dinner reservations @ \$16.00 _____ Total enclosed _____



Ranunculus glaberrimus, sagebrush buttercup, from Zeno Canyon south of Bruneau Idaho (photo D. Levy-Boyd).

-----Cut Line-----

Backside of 2009 INPS Annual Meeting Registration Form
Mail to:
Barbara Nicholls, 9440 West Caribou Road, Pocatello, Idaho – 83204

Accompanying the author on the scouting trip was Phillip Waltman, a University of Idaho summer employee and future horticulture student, and Tom Salaiz, a grass specialist at the Aberdeen R & E Center. The first day of scouting began north of Preston on the west side of the mountain range. After crossing to the Bear Lake side on highway 36, the remainder of the day was spent exploring the canyons west of St. Charles. On the morning of the second day we moved farther south and explored Green and Fish Haven Canyons, located west of Fish Haven. The afternoon was spent in the dry hills on the east side of Bear Lake. The final day of scouting was spent south of the Idaho border in the area around Tony Grove Lake. Due to the unusual spring weather, scouting was only partially successful. At the lower valley floors (5,000 to 6,000 feet), most plants were nearing the end of their bloom season. At mid-elevations, 6,000 to 7,500 feet, the perennial wildflowers and many shrubs were in full bloom. In these locations, the sheer number and size of flowers was absolutely incredible, as prolific as we have ever seen. However, above 7,500 feet, there were still significant amounts of snow and many plants were barely emerging from the cold wet earth. This wide spread in plant developmental stages made it difficult to identify plants of interest in many places. In fact, our efforts to explore the Franklin Basin were completely thwarted because of road closures due to residual snow, five feet deep in some places on roadways up both Green and Logan River canyons. In spite of difficult conditions, many species of suitable plants were identified and marked for further investigation.

The prolonged spring growth period meant large variation in seed ripening between the lowest and highest elevations. This necessitated two separate seed collection trips, almost a month apart. The first collection outing was a single-day, whirl-wind trip on August 6. Collections were completed on the west side lower slopes north of Preston, the lower canyons on the east side of the range, and the hill on the west side of Bear Lake. It was during this trip that we discovered how rich the Bear River Range is in aster and daisy species. We found nice forms of *Erigeron glaucodes*, *Macharanthera canescens*, *Erigeron speciosus*, *Eucephalis engelmannii*, and several other species for which solid identification was not obtained. We also found other interesting species from the Compositae, including showy goldeneye (*Viguiera multiflora*), perennial *Helianthus* species, and a population of *Balsamorhiza macrophylla* with remarkable large flowers. One of the best discoveries was a small population of evening primrose (*Oenothera caespitosa*) with the largest flowers I have ever seen for this species.

At the lower elevations on the east side of the range, we collected seed from a very attractive form of *Penstemon radicosus*, exhibiting a very high number of flowering stems. Several populations of *Penstemon cyananthus* were also sampled. The drier ecosystems on the east side of Bear Lake produced a number of interesting plants, including *Eriogonum ovalifolium*, *Eriogonum brevicaulis*, *Castilleja chromosa*, *Astragalus utahensis*, *Geum triflorum*, and *Heuchera cylindrica*.

During the late seed collection outing, we were joined by Mikel Stevens, a faculty member at Brigham Young University, who has developed a recent interest in native plants. This trip was conducted over two days on September 4 and 5 with collection activities concentrated in the higher elevations. We went into the Bear River Range specifically looking for seed of three wildflower species, *Penstemon leonardii*, *Penstemon compactus*, and *Zauschneria garrettii*. The two penstemons are relatively rare species and endemic to this mountain range. We found good populations of *P. leonardii* on rocky ridges in Green Canyon and the rocky bluffs above Tony Grove Lake. We hope this tiny, shrubby plant with intense blue flowers will make a nice addition to the evaluation plots. We sampled a single tiny population of *Z. garrettii* on a steep ledge, also above Tony Grove Lake. Affirmation of seed acquisitions from *P. compactus* were harder to confirm because this species is likely a diminutive form of *P. cyananthus*. However, we think we collected a few seeds from a small population on a rocky point at the top of Green Canyon.

Other interesting September collections included, *Penstemon whippleanus*, *Penstemon humilis*, *Eriogonum umbellatum*, *Eriogonum heracleoides*, *Clematis columbiana*, *Monardella odoratissima*, and *Geranium viscosissimum*. The slopes around Tony Grove Lake, in northern Utah, were remarkably rich in perennial wildflowers. There we found a large-flowered, pure white form of Rocky Mountain columbine (*Aquilegia coerulea*) and an unusual form of *Heuchera micrantha* (or possibly *H. grossularifolia*) with numerous, very short

flower stems. Seed from two low-growing shrubs were also collected at Tony Grove Lake, *Potentilla fruticosa* and *Amelanchier alnifolia*.

Table 1. Accession summary for 2008 collections in the Bear River Range of southeastern Idaho.

Common Name	Species Name	# of Collections
Penstemon	<i>Penstemon compactus</i>	1
	<i>Penstemon cyananthus</i>	2
	<i>Penstemon humilis</i>	1
	<i>Penstemon leonardii</i>	3
	<i>Penstemon whippleanus</i>	1
Lupine	<i>Lupinus argenteus</i>	2
Buckwheat	<i>Eriogonum brevicaulis</i>	2
	<i>Eriogonum heracleoides</i>	1
	<i>Eriogonum ovalifolium</i>	2
	<i>Eriogonum umbellatum</i>	1
Paintbrush	<i>Castilleja angustifolius</i>	1
	<i>Castilleja chromosa</i>	1
	<i>Castilleja linariifolia</i>	1
	<i>Castilleja rhexifolia</i>	1
Columbine	<i>Aquilegia coerulea</i>	1
Clematis	<i>Clematis Columbiana</i>	1
Asters and Daisies	<i>Erigeron glaucodes</i>	2
	<i>Eriophyllum speciosus</i>	2
	<i>Erigeron</i> (other species)	4
	<i>Eucephalus engelmannii</i>	2
	<i>Machaeranthera canescens</i>	1
Sunflowers	<i>Balsamorhiza macrophylla</i>	1
	<i>Helianthus</i> species	1
	<i>Viguiera multiflora</i>	3
Mints	<i>Agastache urticifolia</i>	1
	<i>Monardella odoratissima</i>	2
Heuchera	<i>Heuchera cylyndrica</i>	1
	<i>Heuchera micrantha</i>	2
Other Wildflowers	<i>Achillea millefolium</i>	1
	<i>Astragalus utahensis</i>	2
	<i>Geranium viscosissimum</i>	1
	<i>Geum triflorum</i>	1
	<i>Oenothera caespitosa</i>	2
	<i>Potentilla</i> species	1
	<i>Zauschneria garrettii</i>	1
	<i>Leymus cinereus</i>	1
Basin Wildrye		
Shrubs	<i>Amelanchier alnifolia</i>	1
	<i>Chrysothamnus humilis</i>	1
	<i>Ericameria nauseosa</i>	1
	<i>Lonicera utahensis</i>	1
	<i>Petrophyton caespitosum</i>	2
	<i>Potentilla fruticosa</i>	1
	<i>Purshia tridentate</i>	1
	<i>Ribes aureum</i>	1
	<i>Sorbus scopulina</i>	1
	<i>Symphoricarpos oreophilus</i>	1
Bigtooth Maple	<i>Acer grandidentatum</i>	2

Overall, we found the plants in the Bear River Range to be botanically rich and diverse. It is a region that deserves much more attention with respect to plant discovery and collection. Table 1 summarizes the collections made in the Bear River Range in 2008. Total species collected came to 49. Multiple collections of some species brought the accession total to 67.



Balsamorhiza macrophylla from the Bear River Range (photo S. Love).

The seed collected during the summer of 2008 will be germinated in the greenhouse in spring of 2009 and subsequently transplanted to field plots at the University of Idaho's Aberdeen R & E Center. They will be evaluated for 2-6 years for aesthetic appearance, hardiness, adaptation, and horticultural value. Individual plants with superior horticultural traits will be propagated and evaluated at other locations in southern Idaho and subsequently propagated for commercial distribution. This approach, although different from practices employed for *in situ* revegetation and population enhancement, will provide the best chance for success at introducing new landscape materials and for educating the public to the value of our beautiful Idaho natives.

About the Authors:

Stephen L. Love is a consumer horticulture specialist for the University of Idaho, located at the Research and Extension Center at Aberdeen. His interests include native plants, low water landscaping, and home production of vegetables. Stephen is a member of the Sah-Wah-Be chapter of the Idaho Native Plant Society. He is an avid gardener and recently created his first native plant garden at his home in Aberdeen.

Thomas Salaiz is a turf and grass specialist for the University of Idaho, located at the Research and Extension Center at Aberdeen. His interests include all aspects of lawn maintenance, evaluation of grasses for low-maintenance lawns, and ornamental grasses. Tom and his two dogs love to hike the desert and discover wildflower treasures.

Mikel R. Stevens is a professor at Brigham Young University in Provo, Utah. His research interests and formal training is in plant breeding and genetics. He grew up with a small greenhouse/nursery business and spent most of his youth teaching nature and conservation in the Scouting program. He has initiated a research project to develop drought tolerant urban friendly cultivars of native plants through breeding and ploidy manipulation. Mikel has started a project to write a monograph documenting and describing all of the penstemons of Utah.

*****INPS Photo Contest*****

The INPS calendar committee is planning to produce a calendar for 2010. To obtain the best photographs of Idaho wildflowers, habitats, and scenery there will be a photo contest. The rules for the photo contest, as well as the entry form to accompany the submitted photos, will be posted on the state website by May 15, 2009. The deadline for the photo submittal will be July 31, 2009 in order to give the committee time to judge the photos and produce the calendar. We hope you will have many photo opportunities this spring and summer to take the perfect photo as well as checking your existing files for other special photos. For this first year we will require photos submitted to be in high-resolution digital format so if you have slides or printed photos to enter they will need to be digitized.

The calendar will use 12 photos, one per month, and possibly some additional smaller photos. All photographers will be acknowledged. The calendar design is still in progress, but our plan is to use one photo approximately 6" in height x 9" in width (landscape mode) for each month. It is possible the design will be able to incorporate vertical shots as well so please do not hesitate to include these.

The website will have the entry form and the rules for submission. Thanks in advance for your photo contributions.

July 12, 2009 - Mt Spokane State Park. Meet at 8:30 AM at Walgreens in Coeur d'Alene at or the Mt. Spokane Christian Center at 9:30 AM.

August 22, 2009 - Roman Nose Lake. Meet at 7:00 AM at Walgreens to carpool or meet at the lake at 10:00 AM.

Kinnikinnick Chapter

PREVIOUS EVENTS

Molly O'Reilly, Carol Jenkins, and Jennifer Costich-Thompson attended and enjoyed the 2009 Rare Plant Conference. We were pleased to present a "success story" on the development of the North Idaho Native Plant Arboretum in Sandpoint.

April was a busy month for our chapter. Besides putting on the Arbor Day Celebration for the City of Sandpoint and area schools, we returned back to basics with on the ground, hands on work in our Arboretum and the community areas landscaped and maintained by our membership. We already have a list of home owners asking for consultation on their landscaping projects when the snow is finally gone. Past Kinnikinnick President Phil Hough and Deb Hunsicker presented a program on "Wildflowers and Wildfires of the Continental Divide Trail" as a fundraiser for our chapter and the Friends of Scotchman Peaks Wilderness. We participated in planting a demonstration native plant garden at the county building, so that folks can learn about and develop an interest in using native plants for landscaping when they apply for building permits. We tabled the Earth Day celebration in Sandpoint.

UPCOMING EVENTS

In May we are offering two exciting programs. **May 13, 2009** will be "Rethinking Fire and Forest Health" with George Wuerthner, an ecologist, photographer, and writer who has published 34 books. **May 23, 2009** will be a joint presentation by artist Marilyn McIntyre and photographer Marilyn George. Both Marilyn's are chapter members and recognized for their artistic talents. They will teach us how to document field observations through photography and drawing, "Artistic Reproductions of Native Plants using Sketching and the Camera." After the meeting we shall go to the Arboretum to observe and practice skills. Also, **May 16, 2009** will be the First

CHAPTER NEWS

Calypso Chapter

PREVIOUS EVENTS

The Calypso Chapter held chapter meetings in March and April. Roland Craft recounted his recent trip to Churchill, Canada at the March meeting.

UPCOMING EVENTS

May 2, 2009 - Liberty Lake; will be part of Native Plant Appreciation Week. Meet at 9:30 AM at Walgreens in Coeur d'Alene to carpool or meet at the park at 10:00 AM

June 14, 2009 - Marie Creek. Meet at 9:30 AM at Walgreens in Coeur d'Alene at to carpool.

May 2009

Annual Native Plant Sale for our chapter. We are partnering with Panhandle Special Needs and are offering over 25 varieties and over 350 plants.

We have two additional tabling events in **June**, the Dover Home and Garden Show and the National Trails Day. At Trails Day our chapter will lead a field trip on the Pend Oreille Bay Trail. Our June program is by a member with unique skills in landscaping with native plants. Don Childress, a Master Gardner, expert fly fisherman, and our program chair, will give an expanded program on landscaping with natives that he delivered to rave reviews at Earth Day last year, "Landscaping with Native Plants, a Practical Example." The following weekend several of our members are looking forward to attending the state annual meeting.

Our programs this season have been tied to a "Grow Native" partnership with Bonner County Planning Department to increase education and outreach on using native plants in landscaping. The department has contacted the wholesale and retail garden centers and nurseries in our region to advise them of the new requirements regarding use of native plants in new development and encouraging them to increase stock of native plants for the retail market. This collaboration has been rewarding for our chapter and we look forward to a future where we reap the environmental benefits of using natives in our landscaping and to the enhanced sense of place that planting with natives provides.

Loasa Chapter

All INPS members and the public are welcome to attend Loasa's events. Meetings are held the third Thursday of each month in room 258 of the Taylor Building at CSI. If interested or for further details, contact Kelvin Jones at (208) 886-7051.

Pahove Chapter

For more information about the Pahove Chapter please visit the website, <http://www.idahonativeplants.org/> or contact Susan Ziebarth [ziebarth at idfg dot idaho dot gov](mailto:ziebarth@idfg.idaho.gov).

---Welcome Talus and Lily!---

Pahove members are delighted to welcome two "budding" new additions to our chapter:

Talus Craig Wigglesworth was born on August 17th 2008 to Matt and Gillian Wigglesworth. Gillian is a botanist with the Vale District BLM and Matt is a High School science teacher at Centennial High School in Meridian. Gillian and Matt enjoy the recreation and solitude at high elevation and thus named their son Talus after the talus fields of the alpine environment.

Lily Caroline Colson joined the family of Chris and Karen Colson on January 24, 2009. Karen is the chapter Vice President and recently accepted a position as botanist with the Fish and Wildlife Service. Chris is a project ecologist with Tetra Tech. Lily was named after all the beautiful wildflowers in the Lily family!

PREVIOUS EVENTS

With "Success Stories" as the theme, the 24th Idaho Rare Plant Conference held on **February 11th and 12th** in Boise was a huge success. We would like to thank all of the participants, speakers, organizers, Idaho Power and volunteers who made this informative conference a reality for the 24th time! We owe a special thanks to Lynn Kinter for her willingness to chair the conference - the meeting was such a success, in large part due to her diligence and hard work.

Our chapter staffed a booth at the Boise Flower and Garden Show on **March 21st through the 23rd**. It was a terrific opportunity to reach area gardening enthusiasts and invite them to become members and support our upcoming annual plant sale.

UPCOMING EVENTS

May 3, 2009 - Sunday at 10:00 AM: Join botanists on a Wildflower Walk behind the Idaho Botanical Gardens at the Old Penitentiary. For more info, contact Ann Debolt at [ann at idahobotanicalgarden dot org](mailto:ann@idahobotanicalgarden.org).

July 18– 19, 2009 - The Pahove chapter will be hosting a booth again this year at the second annual Idaho Green Expo - a free, two day event that will showcase the latest environmentally friendly products and services in our area. Volunteers are needed. Please contact Karen Colson at [trilliumkc at msn dot com](mailto:trilliumkc@msn.com) if you are interested in helping with the booth.

July 9- 13, 2009 - Botanical Foray with Dr. Jim Smith. Location TBA. For more details, please visit:

<http://www.boisestate.edu/biology/idahobotforaypost.shtml>.



A Tenebrionid beetle takes interest in *Phlox hoodii*, in the Bruneau (photo D. Levy-Boyd).

Sah-Wah-Be Chapter

From May through September our chapter hosts at least one Monday evening field trip and one Saturday/weekend field trip a month for our members and the general public.

PROGRAM SCHEDULE

All meetings are held at 7:00 PM in the classroom of the Idaho Museum of Natural History, ISU, unless otherwise specified. Public invited. For more information, call 208-233-0714.

PREVIOUS EVENTS

January 12, 2009 - "Edible and Medicinal Plants Growing in the Pocatello Area" - Marijana Dolsen spoke to 45 people about this topic of interest.

February 2, 2009 - "Climate Change and the Movement of Plant Communities" - Dr. Matt Germino, ISU Department of Biological Sciences, presented this timely topic to an audience of 53.

March 2, 2009 - "The History of the Ray J. Davis Herbarium and Its Founder" - Presenters were newly-appointed curator Rick Williams, interim curator Karl Holte, and the two sons of Ray J. Davis, for whom the ISU Herbarium is named. After the presentations, the audience of 65 toured the herbarium.

March 21-29, 2009 - Spring Break Desert Trip During Spring Break. Our chapter hosted a week-long nature trip to the area around Tucson, Arizona. Dr. Karl Holte was the main guide for a group of 20 people. Some of the places explored were the Tucson Botanical Garden, Sabino Canyon, Sonora Desert Museum, Biosphere 2, Tohono Chul Park, Kitt Peak National Observatory, Saguaro National Park (East and West), and Madera Canyon. All found the wild life and plant life in the Sonora Desert area to be beautiful, interesting, and exotic, and all appreciated the warm weather and blue skies.

UPCOMING EVENTS

May 4, 2009 - A Sharing of Short Computer Shows on Plants and Trips Taken. Monday evening, 7:00 PM, in the Idaho Museum of Natural History Classroom, ISU Campus, Pocatello. Look for exposés from our recent Spring Break trip into the Tucson area in Arizona.

April through June, 2009 - Plant Salvage At different times during April through June, members of our chapter will be volunteering to do plant salvage in Pocatello and the surrounding areas. For more information or to volunteer, call 233-0714.

June 26 - 28, 2009 - Idaho Native Plant Society Annual State Gathering/Meeting. The Sah-Wah-Be Chapter is hosting this INPS Annual Meeting at Buffalo Campground, Island Park, Idaho.

We hope you to see you in Island Park this Summer!

White Pine Chapter

Please see White Pine chapter website at www.whitepineinps.org for current schedule of events.

UPCOMING EVENTS

May 1, 2009. 10:30 AM. - 2:30 PM.
University of Idaho Stillinger Herbarium Open House, College of Natural Resources, Room 22. Join the University in celebrating the re-opening of the Herbarium in its new location. The Herbarium has been in existence since 1889 when the University was established and is the official state repository for plant specimens. For more information visit their home page at www.sci.uidaho.edu/biosci/herbarium/.

Our rescheduled talk by **Dr. Stephen Love** will be **May 6, 2009 at 7PM in CNR 10** which is the auditorium. It holds 80 so please invite others who are interested in using natives in the landscape. This is an INPS White Pine Chapter and a Palouse Prairie Foundation combined meeting. The title of the talk is “**Bringing Native Plants Home**”.

June 6, 2009 - Clearwater Disjuncts with leader Pam Brunsfeld of the UI Stillinger Herbarium. Meet at 7:30 AM at Eastside Marketplace, South parking lot. This will be an all day trip along first the Clearwater and either the Selway or Lochsa River (more details in later announcements). We may see dogwoods if they are still in bloom. The primary focus will be on the Clearwater disjuncts. This is an all day trip so prepare accordingly and wear appropriate clothing and shoes for river canyon habitats.



Fields of *Allium* spring forth from rocky soils in the Bruneau Canyon area (photo D. Levy-Boyd)

July 25, 2009 - Smoothing Iron Ridge, Asotin Co., Washington. Meet at 8:15 AM at the Forest Service Research Station, Moscow. Drive to Asotin and meet L-C valley participants at Chief Looking Glass Park in Asotin (Hwy 129 at entrance to Asotin and just past the substation) between 9:00 AM and 9:15 AM. From the Research Station in Moscow and Chief Looking Glass Park in Asotin we will carpool, traveling Asotin Creek Rd to Smoothing Iron Ridge where we will hope to see mid-summer blooming forbs. This canyon grasslands ecosystem is dominated by Pacific Northwest bunchgrasses (*Pseudoroegneria spicata* and *Festuca idahoensis*). Endemics include *Silene spaldingii*, and *Calochortus macrocarpus* var. *maculosus*. It will be an
May 2009

opportunity to see forbs we do not often see on field trips. Bring water, snacks.



Come May look for amazing wildflowers like this bitter root, *Lewisia rediviva*, in the Bruneau Canyon Country (photographed 4/12/09, D. Levy-Boyd)

Wood River Chapter

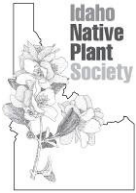
Future Activities TBD: Contact chapter president Tess O'Sullivan for updates.

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Sage Notes is published four times a year in February, May, September, and December by the Idaho Native Plant Society, incorporated since 1977, under the laws of the State of Idaho. Editor, Dylan Levy-Boyd. **Newsletter ads:** personal ads \$2; commercial ads \$5 for 1/8 page, \$8 for 1/4 page, \$15 for 1/2 page, and \$25 for full page. Ads should be sent with payment. **Submissions:** members and others are invited to submit material for publication. Articles in any form, even hand-written, are welcome, as is art work. Please provide a phone number in case there are questions. Material will not be returned. Send submissions directly to the editor, Dylan Levy-Boyd, 506 Center St. West, Kimberly, ID 83341, or <dylan at csr-inc dot com>. Submission deadlines are January 8, April 1, August 1, and November 1.

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The Idaho Native Plant Society (INPS) is dedicated to promoting interest in native plants and plant communities and to collecting and sharing information on all phases of the botany of native plants in Idaho, including educating the public to the values of the native flora and its habitats. In keeping with our mission, it is the intent of the INPS to educate its membership and the public about current conservation issues that affect Idaho's native flora and habitats. **Membership** is open to anyone interested in our native flora. Send dues to Jody Hull, INPS Treasurer, Box 9451, Boise, ID 83707. Website address: IdahoNativePlants.org.

Category 2009 Annual Dues

<input type="checkbox"/> Patron	\$100
<input type="checkbox"/> Sustaining	\$35
<input type="checkbox"/> Individual	\$17
<input type="checkbox"/> Household *	\$22
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Chapter affiliation? (check one)

- ☐ Calypso (Coeur d'Alene; please include \$6 newsletter dues)
☐ Kinnikinnick (Sandpoint; please include \$10 for Kinnikinnick Journal)
☐ Pahove (Boise) ☐ Sah-Wah-Be (SE Idaho)
☐ White Pine (Moscow) ☐ Loasa (Twin Falls)
☐ Wood River (Ketchum-Sun Valley)
☐ None. Those who do not live near a chapter are encouraged to join. We can put you in touch with other members in your area, and can coordinate with you on any state level activities you may wish to be involved in.

* Household memberships are allocated two votes