

# Sage Notes



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

February 2010 ❖ SAGE NOTES ❖ A Publication of the Idaho Native Plant Society Vol. 32 (1)

## Lake Clarkia Fossil Sites

By Bill Rember

[The Clarkia Fossil Beds are near the fossil sites that will be visited during the 2010 INPS Annual Meeting at Heyburn State Park. – Ed.]

In the summer of 1972 Francis Keinbaum was building a snowmobile racetrack near the town of Clarkia, ID. Working late in the evening with a bulldozer, he removed part of a small knoll. The next morning he saw blocks of clay covered with many leaves. Thinking they may be of some scientific importance he called the geology department at the University of Idaho. At that time Jack Smiley, a paleobotanist, was the department's paleontologist. This discovery started research on one of the world's richest fossil finds. Research during the past 35 years has resulted in many thesis and dissertations. The research also revealed the extent of a Miocene lake and the discovery of five additional sites.

The lake was formed approximately 15 million years ago by the volcanic damming of a drainage basin very similar to the present day St Maries River Basin. The ancient lake was relatively narrow and was as deep as 100 to 150 meters. Because of cold, anoxic bottom water and a high rate of sedimentation, the preservation of the biota was excellent. During the last 15 million years this area of the northwest has remained tectonically stable, resulting in little post depositional change of any of the fossils trapped in the sediments. Leaves often show the original fall colors (brown, red, and yellow). Rarely some will appear green. The organic chemistry unique in each modern taxon correlates well with similar fossil species.

*Continued on page 3...*



Fossil of *Taxodium* from the Miocene Clarkia Fossil site.

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

{ 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

Greeting INPS members,

Hope this issue of *Sage Notes* finds you all happy and rested from the holidays.

I did not know the challenge I would face in getting volunteers for board positions and committee members. Those who I have asked to volunteer have too many commitments and many have served our society in the past. I am asking our membership; especially those who have not served as a State Board or committee member in the past to please consider helping INPS fulfill its mission. We are in need of a candidate for the Vice-President position on the

board, Membership committee, By-laws committees and Conservation committee. Some of our committee chairs have stepped down for various reasons and we are in need of devoted members to step-up and fill these vacancies. Please don't think that just

because you might be new to the society that you don't know enough to fill one of these positions. I am encouraging new members to volunteer and help add new energy and perspective to INPS. If you have questions about the roles of any position, please either contact me or your local Chapter President, we should be able to answer your questions.

Thank you to all the members that have served to help INPS grow and fulfill our mission. I hope to hear from members that are willing to help continue the work that has been started.

A new horizon is dawning in INPS; the Sah-Wah-Be Chapter has been busy planning the upcoming Native Flora Workshop (NFW). The speakers and keying workshops are shaping up nicely. Keep an eye on the INPS homepage for updates and final agenda. This effort to offer an opportunity to gather as plant lovers, learn something new, and discuss issues that we rarely have time to discuss will hopefully be rewarding for all those who attend. I am looking forward to the speakers and topics that have been arranged.

I would like to congratulate and welcome members of the new Upper Snake Chapter. Officers have been selected and by-laws are being reviewed for

submission to the State Board for acceptance. So far there are 41 paid members and about 20 other interested individuals who have attended the informational meetings since October. There might be an opportunity to meet a few of these members at the NFW in March.

Congratulations to Gay Gilbert,

our last stamen in *Sage Notes* issue winner. This issue's book will be *Flowers at My Feet: Western Wildflowers in Legend, Literature and Lore* by Brenan Simpson. This book takes a look into the names of plants and the culture behind their uses.

Hope to see many of you in March for the Native Flora Workshop.

Wendy Velman  
INPS President



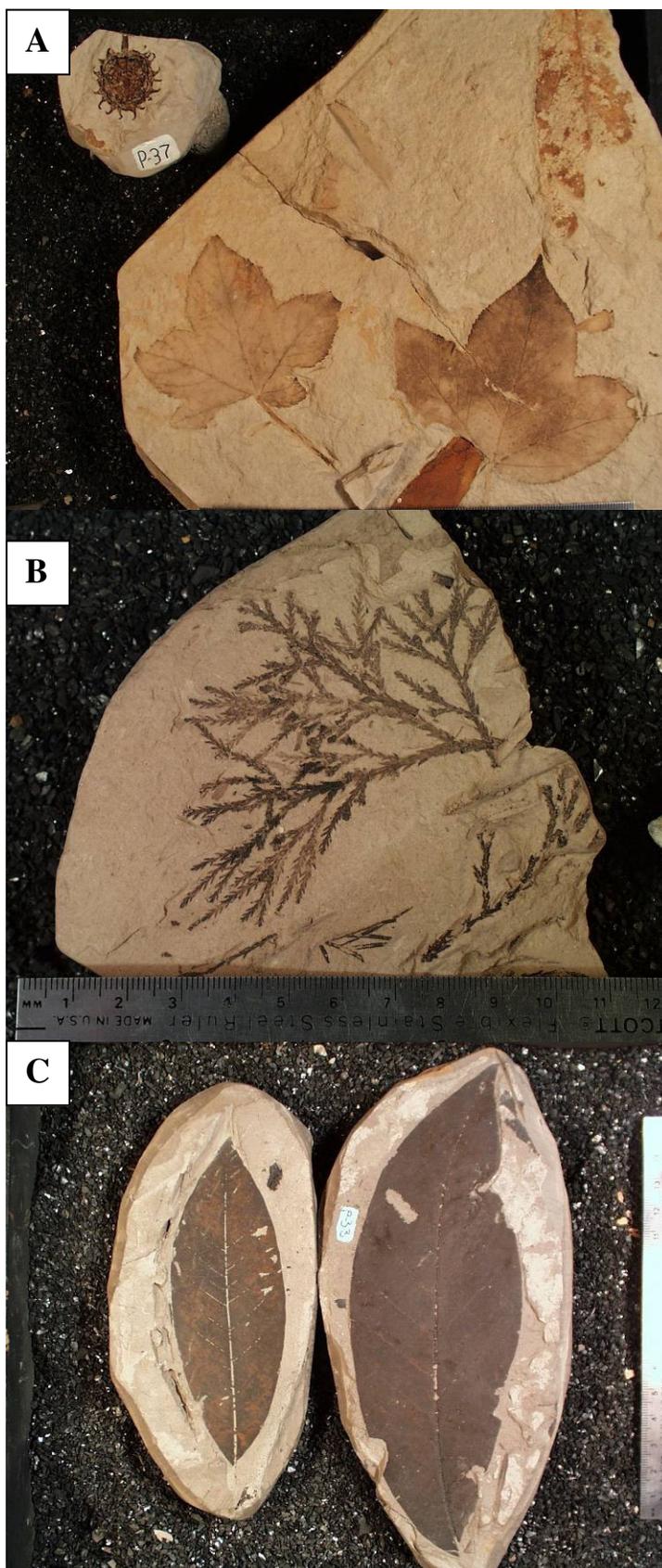
.....Continued from page 1

The Miocene Clarkia flora was very similar to the flora growing today in and around the mixed mesophytic *Metasequoia* forest of central China. It also resembles the forests of the southeastern United States, in particular, the forest near the fall line on the eastern side of the Appalachian Mountains in North Carolina, South Carolina and northern Georgia. The fossil flora is unique in the richness of gymnosperm remains. They include Chinese flower pine (*Amentotaxus*), Yew (*Taxus*), True Fir (*Abies*), a Chinese conifer in the pine family with no English common name (*Keteleeria*), Spruce (*Picea*), at least three species of pine (*Pinus*), Chinese Fir (*Cunninghamia*), Chinese water pine (*Glyptostrobus*), Dawn redwood (*Metasequoia*), Bald cypress (*Taxodium*), Incense cedar (*Calocedrus*), Port-Orford-cedar (*Chamaecyparis*), and Red cedar (*Thuja*). Also found are numerous angiosperms including: Magnolia (*Magnolia*), Tulip poplar (*Liriodendron tulipifera*), several Lauraceae, Lily pad (*Nuphar*), Katsura tree (*Cercidiphyllum*), Sweet gum (*Liquidambar*), Sycamore (*Platanus*), Elm (*Ulmus*), Beech (*Fagus*), Chestnut (*Castanea*), Tan oak (*Lithocarpus*), Oak (*Quercus*), Birch (*Betula*), Alder (*Alnus*), Holly (*Ilex*), and many others.

Fossil sites are our only available time machines. Because of the great numbers of fossils (both in diversity and actual numbers) the Lake Clarkia flora gives us a much better window into the past than most sites.

Photos of fossils from the Clarkia site, A – *Liquidambar*, B – *Glyptostrobus*, C – *Persea*.

For more photos of the Miocene Clarkia Flora visit Dr. Rember's web page:  
<http://www.mines.uidaho.edu/~tertiary/>



## Native Flora Workshop

March 23 – 24, 2010

Idaho State University, Wood River Room, Pocatello, Idaho

The Sah-Wah-Be Chapter of the Idaho Native Plant Society *is pleased to sponsor the 1<sup>st</sup> Idaho Native Flora Workshop. Co-hosts include:* The Idaho Museum of Natural History, Ray J. Davis Herbarium, and the Idaho State University Department of Biological Sciences.

*Theme: Back to Basics in Field Identification*

Held in alternate years between Idaho Rare Plant Conferences, this workshop provides opportunities to learn more about our native flora and to network with fellow native plant enthusiasts and professionals. All plant aficionados who want to learn more about native plants in southeastern Idaho and surrounding areas, and improve their field identification skills, are encouraged to attend. Botanists from southeast Idaho and surrounding states will speak on topics of local and regional interest, and lead the workshops.

Tentative Conference Schedule:

There will be a no host social on Monday evening, March 22 from 6:30 – 8:30 pm for anyone coming in early at, Portneuf Valley Brewing, 615 S. 1<sup>st</sup> Ave.

The conference will start Tuesday, March 23, with registration and poster submissions starting at 8:30am. Presentations on different aspects of native flora common to Southeast Idaho and surrounding states promise to be educational and interesting.

On the evening of the 23<sup>rd</sup> we will hold our dinner banquet. This is a great opportunity to socialize with botany friends of old, as well as make new acquaintances. Our scheduled speaker is H. Wayne Phillips who will present “Wild Orchids of Montana and Idaho.” The banquet will be just down the hall from the conference at the Pond Student Union Ballroom. The banquet is open to all conference attendees, INPS members, and their guests.

Included in the Wednesday morning session will be a presentation by NatureServe on how they assign conservation ranks to plant species, followed by a panel discussion on the same topic from botanists from Idaho and surrounding states.

Wednesday afternoon there will be keying workshops on the tribes of Asteraceae (aster family) and the tribes of Poaceae (grass family). Each session will last 2 hours from 1:00 – 3:00pm and from 3:00 – 5:00pm. Sessions will run concurrently.

A \$35 registration fee (\$15 for students) is due by February 28th. Registration submitted on March 1<sup>st</sup> or later will be \$45 (\$25 for students). Cost of the banquet will be \$21.00 per person.

**Find the registration form, schedule, and other relevant information by clicking on the [Native Flora Workshop](http://www.idahonativeplants.org) on-line at [www.idahonativeplants.org](http://www.idahonativeplants.org).** Conference attendees may pay by check, MasterCard or VISA.

Contact Janet Bala, Organizing Committee member with any questions or concerns.  
(208) 317-3824 (cell)  
[balajane@isu.edu](mailto:balajane@isu.edu)

### Native Flora Workshop

**Hosts: Idaho Native Plant Society, Ray J. Davis Herbarium, Idaho Museum of Natural History,  
Idaho State University Biology Department**

**March 23 – 24, 2010**

#### REGISTRATION FORM

Name(s): \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

*If presenting a poster, please indicate the title:* \_\_\_\_\_

**Registration Fees** - Includes cost of registration, conference materials, snacks and beverages. (Note: Please bring your own mug for beverages.)

Postmarked by February 28, 2010	\$35.00 (\$25.00 students)	\$ _____
Postmarked after March 1, 2010	\$45.00 (\$35.00 students)	\$ _____

**Banquet Fees** – Includes cost of meal and gratuity. Banquet served buffet style; entrees include parmesan chicken and brown sugar glazed pork loin. Sides includes salads, vegetables, rolls and dessert. (Note: Due to host requirements, banquet tickets not available at the door, must be reserved in advance.)

Banquet Qty: \_\_\_\_\_ x \$21.00 \$ \_\_\_\_\_

**INPS New Membership/Renewal** – Please provide information below. \$ \_\_\_\_\_

**Total Enclosed** (make check payable to IMNH (Idaho Museum of Natural History))

For Mastercard/Visa print Name on card - \_\_\_\_\_

Card number - \_\_\_\_\_

Expiration date - \_\_\_\_\_

\$ \_\_\_\_\_

**Renew your membership** or join the Idaho Native Plant Society!

Level:  Patron \$100+  Sustaining \$35+  Household \$22  Individual \$17  Senior \$10  Student \$10

Chapter:  Calypso (CDA) - add \$6  Loasa (Twin Falls)  Pahove (Boise)  Sah-Wah-Be (SE Idaho)  
 White Pine (Moscow)  Wood River (Ketchum)  Other \_\_\_\_\_  None

New  Renewal If address different than above, please provide:

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Please send this form along with your check to:** Native Flora Workshop, C/O Idaho Museum of Natural History (IMNH), P.O. Box 8096, Pocatello, Idaho 83209-8096

**For additional conference information, visit our website:** <http://www.idahonativeplants.org>.

**Or contact:** Janet Bala, [balajane@isu.edu](mailto:balajane@isu.edu), (208) 282-2815 (work), (208) 317-3824 (cell)

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## 2010 IDAHO NATIVE PLANT SOCIETY ANNUAL STATE GATHERING / MEETING

JUNE 11-13, 2010 HEYBURN STATE PARK, near PLUMMER, IDAHO

You are invited to attend this summer's 2010 INPS Annual State Gathering / Meeting at Heyburn State Park, at the southern tip of Coeur d'Alene Lake on Highway 3. There will be native plant field trips to important floristic, geologic and historic sites, the State Annual Meeting, a catered dinner followed by a keynote speaker, and an opportunity to socialize with native plant enthusiasts from throughout the state. This event will be hosted by the White Pine Chapter of Idaho Native Plant Society. If you have questions, please phone Janet Campbell at 208-882-6409, or 208-301-0560.

Heyburn State Park is approximately 40 miles south of Coeur d'Alene. If you prefer not to camp, motels are available in St. Maries, Idaho. A few cabins may be for rent at the park - see the website [www.parksandrecreation.idaho.gov/parks/heyburn.aspx](http://www.parksandrecreation.idaho.gov/parks/heyburn.aspx). Also the Coeur d'Alene Casino Resort/Hotel is approximately 12 miles north of Heyburn State Park on Hwy 95. See the website [www.cdacasino.com](http://www.cdacasino.com).

**When: Friday, Saturday, and Sunday, June 11, 12 and 13, 2010.**

**Where: Heyburn State Park, Hawley's Landing Campground, 5 miles east of Plummer, Idaho.** Friday and Saturday campsite fees will be paid by INPS. Some campsites will be reserved for Thursday or Sunday night for those who wish to stay longer and pay extra fees for those nights.

### **FRIDAY, JUNE 11:**

We will hold a preliminary event Friday afternoon – either a tour of Heyburn State Park, or a tour of a local native plant grower operation. As this is tentative, please indicate on the form if you will be available Friday afternoon. Dinner on Friday is on your own, but we will socialize in the evening at the campground.

### **SATURDAY, JUNE 12, FIELD TRIPS (2 options):**

Pam Brunfeld curator of the University of Idaho Stillinger Herbarium will lead us on a field trip to **Mary Minerva McCroskey Memorial State Park**. This large park about 25 miles southwest of Heyburn State Park is dedicated to a pioneer woman. The ridgeline road through the park offers spectacular views of the Palouse country. The park encompasses numerous habitats – from deep forests of hemlock, cedar and yew to Palouse grasslands and prairie flora. We should return by about 4 p.m.

In the morning we will visit the **property of Dr. Bill Rember** near Clarkia, Idaho, about 25 miles southeast of Heyburn State Park. Dr. Rember will talk to us about the 15 million-year-old Miocene plant fossils found here in the sediment of an ancient lakebed. We will all have the opportunity to pry open the clay/rock layers to hopefully discover and hold an ancient leaf, needle, bud or pollen within. If the snow has melted we will go to the Hobo Creek Cedar Grove for an afternoon walk under the cedars surrounded by ferns and other woodland plants. We should return by about 5 p.m.

### **SATURDAY, JUNE 12, EVENING EVENTS:**

We will hold a dinner in the CCC-built stone shelters at the park. The cost of dinner is \$20 per person. Please note how many will attend the dinner on the reservation form. The State Annual Meeting will

follow dinner. This meeting will include the election of 2010-2011 state officers as well as considering other issues important to INPS. There will be a keynote speaker afterwards – the speaker will be announced in the next Sage Notes.

**SUNDAY, JUNE 13: If there is interest, Pam and Bill have offered to repeat the field trips in shortened form on Sunday so that interested persons can participate in both field trips.**

**Mary Minerva McCroskey Memorial State Park** led by Pam Brunsfeld. See details above under Saturday field trips. We should return by about 2 p.m.

**Dr. Bill Rember's fossil beds** near Clarkia, Idaho. See details above under Saturday field trips. We should return by about 1 p.m., as we will not go to the Hobo Cedar Grove.

For those interested in biking part of the 72-mile Coeur d'Alene biking trail that passes through the park, please indicate this on the reservation form so we can organize a group outing on Sunday. Bikers must provide their own bikes. The paved trail goes through many different habitats and often is along the lakefront or through wetlands. Individuals may bike or hike the trail at any time if they wish.

**Please fill out the reservation form and mail it in as soon as possible if you plan to attend the annual meeting.**

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

**2010 INPS ANNUAL MEETING RESERVATION FORM**

Please mail this form with your check for the dinner (\$20 per person) made out to  
**White Pine Chapter, INPS**

Mail to: **White Pine Chapter, INPS**  
**PO Box 8481**  
**Moscow ID 83843.**

*PLEASE PRINT*

Name(s) \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_ Email Address \_\_\_\_\_

Chapter affiliation \_\_\_\_\_ Non-member \_\_\_\_\_

**Please check what you will need:** Space to park an RV \_\_\_\_\_ Length \_\_\_\_\_

Tent site for one tent \_\_\_\_\_ For 2 tents or more \_\_\_\_\_ How many? \_\_\_\_\_

For which nights Friday \_\_\_\_\_ Saturday \_\_\_\_\_ Sunday \_\_\_\_\_

(if you plan to camp Thursday night please contact Nancy Miller at [nmiller at moscow dot com](mailto:nmiller@moscow.com) to coordinate reservations)

Will you attend the event on Friday afternoon (either a tour of the park or a grower operation)? \_\_\_\_\_

Are you interested in attending a Sunday field trip? \_\_\_\_\_

Are you interested in going on a Sunday bike trip? \_\_\_\_\_

Number of Saturday dinner reservations @ \$20.00 \_\_\_\_\_ Total enclosed \_\_\_\_\_

## INPS NEWS

### Announcement for: 2010 Education, Research, and Inventory Grant proposals

The Idaho Native Plant Society (INPS) is soliciting proposals for its Education, Research, and Inventory Grant (ERIG) program. Grants of up to \$1,000 will be awarded in 2010 to support projects that contribute to the appreciation, conservation, or knowledge of Idaho's native flora. The purpose of the ERIG program is to stimulate and lend support to educational, research, and conservation activities that promote an appreciation for native plants and plant communities in Idaho. The ERIG committee encourages you to submit a proposal if you have a project that may qualify. The deadline for submitting proposals is March 30, 2010.

Grant guidelines – The ERIG program is intended to support direct project costs. Grant proposals should not include expenses for salary and personal benefits, the purchase of personal equipment, or other expenses not essential to the project. Here are some examples of costs the grant may cover:

- Direct costs of travel, meals, and lodging for the project.
- Supply and service expenses used for the sole purpose of the project (e.g., film, photocopying, phone, lab materials).
- Printing costs for public outreach material or research publications.

Application procedure and requirements – Proposals should contain the following information:

- Project title.
- Contact information - name, address, phone number, organization/affiliation, and email (if available).
- Project description – outline the project objectives, methods, and final product. Explain how the project will benefit the appreciation, conservation, or knowledge of Idaho's native plants or plant communities. Describe how project success will be evaluated.
- Itemized budget – outline an overall project budget, including the amount you are requesting (up to \$1,000), as well as other funding sources.

- Time line – please provide a time line for completion of all major tasks associated with the project, including presentation of the results.

Project proposals must pertain to native plants of Idaho. The total amount of money available for the ERIG program in 2010 still needs to be determined. Please limit grant requests to a maximum of \$1,000, and be aware that less may be rewarded due to INPS budget constraints. Successful applicants will be required to submit a final report to the INPS documenting project accomplishments and a summary of the project to be published in the INPS newsletter, *Sage Notes*. We encourage applicants to become an INPS member if they are not already so, however, membership is not a prerequisite to apply for – or receive an ERIG.

Please submit proposals by email to Michael Mancuso at [mmancuso at cableone dot net](mailto:mmancuso@cablone.net) or by post to: Idaho Native Plant Society, ERIG Committee Chair, P.O. Box 9451, Boise, ID 83707.

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## CHAPTER NEWS

### *Calypso Chapter*

The Calypso Chapter meets on the first Wednesday of March, April, May and October. Field trips are scheduled during the spring, summer, and fall.

### *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*

**There are still 2010 Idaho Native Plant Society calendars available at the MK Nature Center:**

Please call Susan at 867-6188 or e-mail [susan.ziebarth at idfg dot idaho dot gov](mailto:susan.ziebarth@idfg.idaho.gov) to reserve or pick up your calendar.

## PREVIOUS EVENTS

We had our annual **Holiday Party and Gift Exchange** on Friday, December 11<sup>th</sup>. It was a night of "firsts". It was the first time we celebrated on a Friday, and we had new attendees and members join us for the first time. But the most glaring "first" was

that Ann Debolt and Roger Rosentreter were not able to join us this year. Thank you Charlie Waag for playing the part of "Salmonella" and to all of those who helped to make this another fun and successful party!

### UPCOMING EVENTS

The Pahove Chapter hosts monthly presentations from September through April, usually on the 3rd Thursday of the month in the MK Nature Center Auditorium (with few exceptions). The address is 601 South Walnut in Boise. For more information please visit the website, <http://www.idahonativeplants.org/> or contact Susan Ziebarth [sziebarth at idfg dot idaho dot gov](mailto:sziebarth@idfg.idaho.gov).

**January 21, 2010** – Landscaping with Native Plants Series – Part 1: Trees and Shrubs. Botanist Ann DeBolt will be explaining the "how-to's" of native plant landscape gardening in the Treasure Valley. She will describe the best plants to use, where to use them in your yard and what benefits they provide. This talk should take some of the mystery out of planting with Idaho natives. Ann is the Natural Communities Specialist at the Idaho Botanical Garden and a charter member of the Idaho Native Plant Society.

**February 18, 2010** – Landscaping with Native Plants Series – Part 2: Forbs and Grasses. Join Ann for part 2 of this series as we discover ways to landscape with forbs and grasses!

**March 18, 2010** – Ethnobotany with special guest Cyndi Coulter. Native plants are beautiful, versatile, and great hosts for native birds and insects – but wait! There's more! Native people and early settlers used native plants for food, medicine, shelter, fibers and dyes. Grow your own natives to satisfy these and other uses. Historic uses of plants led to Cyndi's long-standing interest in natives. Join us as she shares some favorites -- and take home a useful reference guide to complement your own notes.

**April 15, 2010** - Open forum, panel members TBA.

**April 23, 2010** – New event! Members Only Earth Day Native Plant Sale. All Pahove Chapter members will receive a postcard with event details. The time of the sale will most likely be in the late afternoon to early evening.

**April 24, 2010** – It's the Annual Earth Day Native Plant Sale from 10:00 a.m. to 2:00 p.m. This hugely popular fundraiser gives area native plant enthusiasts an opportunity to choose from a large selection of plants, talk to knowledgeable botanists and help support the chapter. Be there early!

**February 13 and 20, 2010: 10am-12pm** – Attend a Botanical Illustration class at the Idaho Botanical Garden taught by Sharron O'Neil. It is one class with 2 sessions. Check the IBG website for more info - [www.idahobotanicalgarden.org](http://www.idahobotanicalgarden.org).

**February 20, 2010: 10am-2pm** – The Boise Watershed is hosting a "Waterwise" Landscaping Event, located at 11818 Joplin Road. The Boise WaterShed has a 1,200-square-foot waterwise demonstration garden that is home to 43 native and drought tolerant plants. This event will be their first effort to showcase their garden and teach people the importance of conserving water and using environmentally friendly products outdoors. Ann DeBolt from the Idaho Botanical Garden and Michael Wiegand of Habiscapes will speak about the importance, benefits and techniques of waterwise landscaping, as well as how to attract local wildlife into the garden. Their talks will go from 10 a.m.-noon.

### *Sah-Wah-Be Chapter*

#### PREVIOUS EVENTS

**Dec 7, 2009** – Sah-Wah-Be held their meeting at a new location. The meeting was held in the Plant Sciences Building auditorium on the ISU campus. The exceptional talk on evergreen trees by Sandra Thorne-Brown was attended by 22 people who braved driving in the stormy weather.

**Jan 30, 2010** – New Year's Full Moon Potluck Party. We had a great time getting together to visit and enjoy another persons cooking. The brave ones snow-shoed and skied on a track around the home of Pete and Cathy Frischmann.

**Feb 1, 2010** – We met at the ISU Plant Sciences building #69 in room #114. Steve Love gave a presentation in the auditorium with better seating and a viewing screen for photos.

### PROGRAM SCHEDULE

All classroom meetings are held at 7:00 PM in classroom 114, Plant Science (PLSCI) Bldg 69, Pocatello. Public is welcome. For more information call 208-716-0218.

**March 1, 2010** – Sah-Wah-Be Annual Meeting. Everyone is invited to have dinner at 5:30pm at El Jacalito's Restaurant with a business meeting to follow at 6:30pm. We will have a review of the past year and election of officers. Suggestions for field trips for the 2010 summer season will finish the evening.

**March 23-24, 2010** - Native Flora Workshop  
See INPS website for more information.

**April 5, 2010** - Photo presentation by Sah-Wah-Be members and friends. 7:00 pm at the Plant Sciences Building room #114.

**April 24, 2010** - Pocatello Environmental Fair. Sah-Wah-Be Chapter members will have an information table, hand out native seedlings, and help children put seeds in a cup of soil to grow at home.

### *Upper Snake Chapter*

Officers have been elected! We would like to announce that Sue Braastad will be the first President of the Upper Snake Chapter. Rose Lehman will be VP; Alan Crockett, Secretary; and Heidi Heyrend will be Treasurer. Thank you to all of you for taking on these positions to help get the Upper Snake Chapter underway.

### PROGRAM SCHEDULE

All 2010 meetings will be held at the Idaho Fish & Game Office as room is available (4279 Commerce Circle, Idaho Falls).

**February 17, 2010** – Rose Lehman will be previewing her talk for the Native Flora Workshop titled “Native Plants of the Caribou-Targhee National Forest.” After Rose’s talk, we will be finalizing the upcoming 2010 field trip list.

**March** – No chapter meeting –Native Flora Workshop March 23-24.

**April 21, 2010** – Pending the weather a short evening field trip TBD or Speaker.

### *White Pine Chapter*

#### PREVIOUS EVENTS

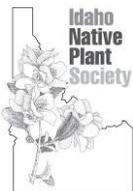
Members of the chapter participated in Gritman Medical Center’s first Sustainability Fair in Moscow on December 11. Our theme was promoting the use of native plants in landscaping, with an emphasis on the benefits for conservation of water and fertilizer and supporting wildlife. We provided information on local businesses that sell native plants, which seemed to be popular with attendees.

On **January 28**, the White Pine Chapter joined with the University of Idaho Bookstore and The Friends of the Moscow Library to sponsor a presentation on the nineteenth century botanist and explorer David Douglas, given by acclaimed author Jack Nisbet. His talk, “A Most Remarkable Spring: David Douglas in Idaho and Beyond”, was based upon Nisbet’s recently published book, “The Collector: David Douglas and the Natural History of the Pacific Northwest”. Nisbet described the travels of Douglas in the summer of 1826, from Fort Walla Walla to the confluence of the Clearwater and Snake Rivers, with a group of fur traders whose plan was to trade for horses with the Nez Perce tribe. He traced Douglas’s amazing journey from his native Scotland to that Nez Perce camp, and described the plants, people, and situations he encountered. Douglas was responsible for numerous plant “discoveries” and written descriptions of northwest native forbs, shrubs, and trees (notably the Douglas-fir, *Pseudotsuga menziesii*). The further adventures of this fascinating naturalist in other parts of the New World were also related, and a book signing followed the presentation.

Please see the White Pine chapter website at [www.whitepineinps.org](http://www.whitepineinps.org) for updates to the schedule of events.

### *Wood River Chapter*

Future Activities TBD: Contact chapter president Carol Blackburn at [blackburncr1 at yahoo dot com](mailto:blackburncr1@yahoo.com) for updates.



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ADDRESS SERVICE REQUESTED

**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. Dues are payable annually in December. Send dues to Jody Hull, INPS Treasurer, Box 9451, Boise, ID 83707. Website address: IdahoNativePlants.org.

Category	2010 Annual Dues
<input type="checkbox"/> Patron	\$100
<input type="checkbox"/> Sustaining	\$35+
<input type="checkbox"/> Individual	\$17
<input type="checkbox"/> Household *	\$22
<input type="checkbox"/> Student	\$10
<input type="checkbox"/> Senior Citizen	\$10

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City/State \_\_\_\_\_  
 Zip \_\_\_\_\_ Telephone \_\_\_\_\_  
 E-mail \_\_\_\_\_

Chapter affiliation? (check one)

- Calypso (Coeur d'Alene; please include \$6 newsletter dues)
- Loasa (Twin Falls)                       Pahove (Boise)
- Sah-Wah-Be (SE Idaho)                       Upper Snake (Idaho Falls)
- White Pine (Moscow)
- 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.