

SAWTOOTH SCIENCE INSTITUTE

P.O. Box 2167

Sun Valley, Idaho 83353

(208) 788-9686

<http://imnh.isu.edu/ssi>; gertchri@isu.edu

**2009 WORKSHOP SYLLABUS
CENTRAL IDAHO WILDFLOWERS
July 10-11, 2009**

Workshop description:

Join us for this early summer wildflower display in the high country of spectacular south-central Idaho. Roger and Ann will share with you their stories about the common wildflowers, plants, and trees found along the mountain trails near Sun Valley. The ecological functions, adaptations, wildlife values, and human uses of these plants will be emphasized to familiarize students with the species' role in the ecosystem.

PLEASE NOTE: We will spend both days hiking beautiful mountain trails (**3 to 5 miles in mountainous terrain**) that provide access to the area's fabulous wildflower displays.

Workshop Fee: \$70 Recording fee: \$50

BIOL 498P Section: 47 Index number: 310045

Instructors: **Ann DeBolt, M.S.** is the natural communities specialist at the Idaho Botanical Garden in Boise and adjunct faculty for Boise State University's Horticulture program. **Roger Rosentreter, Ph.D.** is state botanist with the Bureau of Land Management in Boise and an adjunct professor at Idaho State and Boise State universities.

Bring:

- * Mountain weather clothing layers - windbreaker, raingear
- * Comfortable and sturdy walking shoes
- * Hand lens, camera - optional but suggested
- * Sunscreen, bug repellent, hat
- * Lunch, snacks, water
- * Notebook, pen/pencil, clipboard, plastic bags for plant collection, backpack
- * Suggested field guides are:

Flora of the Pacific Northwest, Hitchcock & Cronquist, 1973
Alpine Wildflowers of the Rocky Mountains, Duft & Moseley, 1989
Idaho Mountain Wildflowers, Earle, 2008
Central Rocky Mountain Wildflowers, Phillips, 2003

Grades:

This course, section 47, is offered for undergraduate Biol. credit 498P, index number 310045. **IF YOU ARE TAKING THIS COURSE FOR CREDIT:** You will need to indicate that you wish credit on your registration, pay the \$50 recording fee in addition to the

workshop fee and complete a short test that will be given by your instructors. Or you may opt to prepare a short assignment that demonstrates the use of the professional development workshop to your continuing education. This assignment is **due two weeks** after the workshop. Send it to the Sawtooth Science Institute, P.O. Box 2167, Sun Valley, Idaho (83353) or email: gertchri@isu.edu. Questions? Call or email Chris Gertschen (208) 788-9686.

Grades (satisfactory, unsatisfactory, incomplete) will be available in late September. Please direct questions about grades to the ISU Registrar at (208) 282-3336. Transcripts can also be requested from the Registrar through your ISU Portal.

Our goal in this workshop is to communicate our passion for Idaho's wonderful natural resources and to provide you with new awareness about your place on the planet. While not all of our students are teachers, we try to provide educational resources that may help teachers to create that passion in their students. The required assignment may be chosen from the following alternatives:

- * Write a lesson plan or a unit for your classroom showing how the new information or materials will be used and how it meets your district or state standards.
- * Prepare a brief or short portfolio. You may want to include copies of your field notes, photographs, or maps. Remember: We prefer to receive copies of the originals as it is not possible to return your portfolio to you.
- * If you don't see yourself using the information at this time, please hypothesize a setting where you could see yourself using the information. Perhaps it would be possible to work with another teacher in your school to use the new information.
- * Obtain a copy of the *NatureMapping* data collection sheet from the SSI web site: <http://imnh.isu.edu/ssi-naturemapping>, record your observations and send it to SSI. Please be sure to fill in all of the requested information and describe the habitat to the best of your knowledge. You may also want to refer to the Digital Atlas of Idaho to see more information about the species you have observed: <http://imnh.isu.edu/digitalatlas>.

Our intent is that you create something that is of use to you so please send in a copy and keep the original. In most cases, your assignment will not be returned to you.

If you need an acknowledgement of your successful completion of the course from SSI, please call (208) 788-9686. We're happy to help.

Schedule:

Day one, July 10 (Friday)

9:00 a.m. We'll meet in room 509 (near the CSI office) at the Blaine County Community Campus (the old Wood River High School located at 1050 Fox Acres Rd., Hailey). Please allow plenty of time as the morning rush hour traffic can be extreme.

- 9:00 - 10:00 a.m. Introductions, introductory discussion of plant ecology of the alpine region.
- 10:00 a.m. Carpool to a trailhead near Galena Summit. Plan on a 2-3 mile hiking experience, some of it on irregular terrain but at a slow pace. Please bring your lunch, water and/or drinks (snacks) with you.
- 12:00 - 1:00 p.m. Lunch in the field.
- 5:00 p.m. Conclude.

You are on your own for evening. Camping information is available by calling the SNRA (727-5000). Call the Sun Valley/Ketchum Chamber of Commerce for lodging information: 800-634-3347 or visit the Chamber's website: <http://www.websiteauthors.com/sunvalley/sunvalley6.html>.

Day two, July 11 (Saturday)

- 8:30 a.m. Meet at the Sawtooth National Recreation Area headquarters parking lot approximately 7 miles north of Ketchum. From the SNRA we will carpool to the Baker Lake trailhead. Bring lunch, water, and/or drinks and snacks for this 5-mile round trip excursion on good trails.
- 12:00 - 1:00 pm. Lunch in the field.
- 4:00 p.m. Wrap-up, review.
- 4:30 p.m. Workshop concludes.

General Information

- minimum impact trail techniques will be stressed and closely followed while in the field
- you are responsible for your transportation to and from the trailheads but we will carpool as much as possible
- The workshop is limited to participants capable of moderately strenuous hiking. Some off-trail travel should be expected. Participants should be in good health/physical condition. Not advised for persons medically restricted to low elevations.
- BE PREPARED FOR VARIABLE WEATHER!! Weather in the mountains can range from sunny warm days to thunderstorms and even snow.

If you have questions or concerns, please call SSI at (208) 788-9686.

| 6/1/09 cg/ad

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