

Registration

Name: _____
Position: (grade level, courses taught) _____

Mailing Address: _____

Phone(____) _____ (work/home?)

Email: _____

Want credit ___ or no Credit ___ or
Continuing Education Credit _____
(Cost will be reasonable).

___ Yes, I am interested in a possible scholarship for travel and lodging costs. To apply for scholarship, please mail or email us a short explanation of how you plan to integrate the course material into your classroom or extracurricular activities.

Send to Linda Ries*, due May 15th.

My goals for taking this course include:

(check any that apply)

- ___ integrating material into my curriculum
- ___ planning field trips with my students
- ___ introduce insects on noxious weeds
- ___ plan to develop a local insectary on school grounds or other location
- ___ train others

Mail, fax or email this registration to:

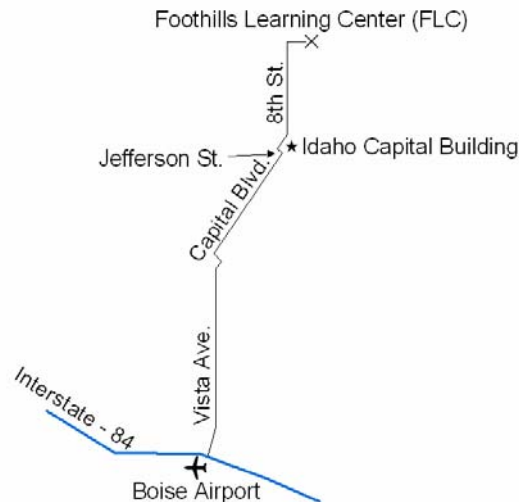
*Linda Ries, Conservation Ed. Coordinator
USDA Forest Service, 324 25th St
Ogden, UT 84401
FAX # 801-625-5240, laries@fs.fed.us
Phone # 801-625-5254

Questions? Contact Todd Breitenfeldt at:

tbreit@whitehallmt.org, or Linda Ries

Class is FREE, but send in your registration ASAP because space is limited. Please notify us of cancellations by June 9th.

Map/directions to the Foothills Learning Center:



From the airport or I-84:

Take Vista exit and go N on Vista. Vista becomes Capitol Blvd. Head W on Jefferson St. for 1 block. Turn N on 8th St. and stay on the road until it turns to dirt. Turn E before 8th St. begins to climb and enter the Foothills Learning Center (FLC).

Motel for sponsored participants:

Owyhee Plaza hotel, 1109 Main St, Boise
208-343-4611, 800-233-4611

www.owyheeplaza.com/index.php

Close to restaurants, 5 minutes from FLC, has airport shuttle. Others can choose lodging.

Bugs with an Attitude: Biological Control of Weeds and Insectary Development Institute



A collection of 5,000 flea beetles on leafy spurge

June 27 – 29, 2006
Foothills Learning Center
Boise, Idaho

A class for high school, middle school and upper elementary teachers

Introduce your students to real life problems AND solutions. Be part of the solution!!

Background:

Utah, Nevada, Idaho, Wyoming, North Dakota, as well as Montana are seeing escalating threats from invasive and noxious weeds. Some of the weeds are species that are new to the state – others are problem weeds that continue to spread across the state on both private and public lands. Biological control, or the use of a non-native species to attack another non-native species as it would in its natural habitat, is a primary component of an integrated weed management approach to control the spread of these weeds.

In Montana, teachers and students from the Whitehall High School have been working to slow the spread of noxious weeds by using biocontrol. Their model project (see <http://mtwow.org>) includes insect collection, rearing biocontrol insects, and then releasing and monitoring these insects. The biological control agents identified for this class have been tested extensively prior to introduction into the United States to make sure their introduction will not harm native plants.

Because noxious weeds threaten native plant communities as well as wildlife, recreation, and healthy watersheds, the impacts from noxious weeds affect all of us, not just those with agricultural interests. Biocontrol is one tool that can be used where herbicide alone may not be effective.

About the institute:

This biocontrol class will provide information about invasive weed ID, available biocontrol agents (mostly insects), and present methods for rearing, collecting, and releasing biocontrol agents. You will also learn how to use GPS/GIS units to map release sites for monitoring purposes, providing career skills for students.

In addition, you will have the opportunity to spend some time in the field observing and collecting insects. A noxious weed biocontrol curriculum, correlated to national standards, will be provided as well as other educational resources to help you start your own program at your school.

You will learn about local networks, funding opportunities, and contacts that can help you with logistics, such as insectary development, and offer expertise in local specific weeds and biocontrol agents.

Facilitators:

- Todd Breitenfeldt, Whitehall HS science teacher, Whitehall Project
- Mike Battaiola, Whitehall HS/MS art/history teacher, Whitehall Project
- Joey Milan, Idaho BLM/ Idaho Dept. of Agriculture
- Carol Randall, USDA Forest Service

Sponsors:

Idaho Department of Agriculture
Idaho BLM
USDA Forest Service

Class Schedule:

Arrive in Boise on June 26th.
Class starts at 8:00 am June 27th.
Class will be over at 3:30 pm, on June 29th.

Class agenda will be sent after you register.

Some snacks and one evening meal will be provided.

What to wear and bring:

Wear comfortable clothes. In addition, bring appropriate attire for being in the field part of one day, such as: long pants, hat, sunscreen, bug spray, hiking boots, and a hand lens if you have one.

Bring a water bottle and coffee mug (optional).

Bring a laptop and a GPS unit if you have them, but they are not required.

More Information:

<http://mtwow.org> www.fs.fed.us/r4/education/