

Winter 2003



*Welcome to
EarthTracks, the
environmental
education newsletter
for Idaho teachers.
Here you'll find
news from Idaho's
environmental
education leaders
and others
interested in
environmental
education. We
encourage your
suggestions and
thoughts.*

Special SUMMER WORKSHOP Issue

Are you dreaming of summer? This issue of EarthTracks will transport you to warmer days, beautiful locations, and exciting educational topics, materials and opportunities.

Also in this issue:

- **IS THIS YOUR LAST EARTHTRACKS!?!**
- Spring PLT, WILD and WET workshops schedule.
- New videos, teaching materials, resources and opportunities.
- New T-shirts
- The latest EE news



Try the following project activities to celebrate Earth Day with your students:



- PLT: Plant a Tree
- WILD: What Did Your Lunch Cost Wildlife?
- WET: Sum of the Parts



Workshop Calendar Spring 2003 Dates

- Feb 6-7**
Lewiston (LCSC), WILD
- Feb 7-8**
Boise, WILD
- Feb 7-8**
Pocatello, WILD
- Feb 21-22**
Boise, PLT
- Feb 28-Mar 1**
Fruitland, WET
- Mar 7-8**
Coeur d'Alene, WILD
- Mar 7-8**
Boise, PLT (NRSW*)
- Mar 14-15**
Rexburg, PLT (NRSW*)
- Mar 14-15**
Idaho Falls, WILD
- Mar 14-15**
Nampa, WILD
- Apr 4-5**
Boise, PLT
- Apr 11-12**
Coeur d'Alene, PLT (WWW*)
- Apr 11-12**
Lewiston, PLT (WWW*)
- Apr 11-12**
Kamiah, WET
- Apr 11-12**
Emmett, WET
- Apr 11-12**
Boise, WILD
- Apr 18-19**
Boise, WET
- May 2-3**
Wallace, PLT
- July 11-12**
Coeur d'Alene, WET
- July 15-16**
PLT, Nampa, WWW*

(NRSW = "PLT Natural Resources and Solid Waste."
WWW = "PLT Wildfires & Weeds in the West." Both
these workshops are separate credits from regular
PLT workshops.)

FOR MORE INFORMATION:

WILD: 208-334-2633
ladams@idfg.state.id.us
WET: 208-422-0737
jscanlin@uidaho.edu
PLT: 208-334-4061
plt@idahoforests.org

Idaho EE Summit 2003

Deep Roots, Abundant Fruits. March 21-22, Idaho Falls

On March 21-22 the Idaho Environmental Education Association (IdEEA) presents its annual conference, the Idaho Environmental Education Summit. Gathering under the theme "Deep Roots, Abundant Fruits," the meeting celebrates accomplishments in education about our environment and provides a forum for statewide planning of such efforts. The Summit will take place at the Bennion Student Union, University Place, 1776 Science Center Dr., Idaho Falls.

The Summit will feature displays by educational resource providers, presentations of exemplary environmental education programs, and field trips, including a behind-the-scenes look at "A T. Rex Named Sue" traveling exhibit at the Museum of Idaho. There will also be a training session where participants will become certified in using national "Guidelines for Excellence" for evaluating environmental education materials.

A keynote address by Mary Clearman Blew, professor of English and creative writing at the Univ. of Idaho, author of *Bone Deep in Landscape* and *Balsamroot: A Memoir*, and editor of *Written on Water: Essays on Idaho Rivers*, will take place on Fri., 3/21, at 7 p.m. Blew's work is permeated with memory and embedded in close ties to the land. This presentation is open to the public.

Conference sponsors include the North American Association for Environmental Education, U.S. Environmental Protection Agency, and the Bullitt Foundation.

Special lodging rates are available. Continuing education credit from Boise State University, Idaho State University and the University of Idaho will be available to participating teachers. Pre-registration fee is \$50 for IdEEA members and \$65 for non-members, through March 1, 2003. For more information, contact the Idaho Environmental Education Association, 208-232-5674, or e-mail donny@idahoe.org, or register online at www.idahoe.org.

Idaho Schools Selected for EIC Network

Eight Idaho schools have been selected by the Idaho Environmental Education Association to implement The EIC Model™—using local Environments as Integrating Contexts for learning. This model will assist teams of teachers at each school to design learning programs to help students attain the Idaho Achievement Standards.

Idaho's EIC schools are:

- Hagerman Elementary School, Hagerman
- Pocatello Community Charter School, Pocatello
- Renaissance Public Charter School, Moscow
- St. Paul's Catholic School, Nampa
- Salmon Alternative High School, Salmon
- Shoshone-Bannock Jr./Sr. High School, Ft. Hall
- Valley View Elementary School, Bonners Ferry
- Wood River Middle School, Hailey



The EIC Model™ is lauded nationally for raising student test scores, generating enthusiasm for learning, and reducing discipline problems. Watch for news about EIC's success in Idaho beginning next school year. The Idaho EIC Institute will be held June 9-12 in Boise. Contact Donny Roush for more information.

Summer Workshops

The Alpine Conference. June 8-12. Near Alpine, WY

LEARN ABOUT: How environmental education can increase your ability to use problem-solving techniques and generate higher level thinking skills in children and adults. Designing and conducting effective outdoor science activities and interpretive experiences. Skills for leading effective discussions.

CREDITS: 1, 2 or 3 graduate or undergraduate.

CONTACT: Dick McCloskey at 208-426-3490, 800-632-6586, ext. 3490. rmcclos@boisestate.edu.

FEE: \$275

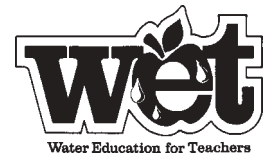
Idaho Water Camp. Choose from three sessions. June 17-20. Idaho Falls. June 24-27, Lewiston. June 24-27, Twin Falls

LEARN ABOUT: Water education curriculum featuring the Project WET Curriculum and Activity Guide (two days), and two days of local water resource field trips. Teachers will leave with a better understanding of their local water resources, issues and management as well as interdisciplinary curricular materials and connections with local water resource professionals.

CREDITS: 2

CONTACT: Julie Scanlin at 208-422-0737, or jscanlin@uidaho.edu.

FEE: The Idaho Water Education Foundation, along with local partnerships, sponsors this workshop including material costs, facilitation fees, an evening bar-b-que and field trip lunches & transportation. The only costs to participants are their credit fees, some meals and housing costs.



PLT's Burning Issues: Fire Ecology. June 22-27. McCall

LEARN ABOUT: The role of fire in Idaho's forests and range ecosystems—past, present and future. Great activities, field trips, speakers. Receive many practical teaching resources, including an interactive CD-ROM.

CREDITS: Choice of 2 or 3.

CONTACT: Michelle Youngquist at 208-334-4061. plt@idahoforests.org

FEE: Before March 31, \$195. After March 31, \$225. Send \$75 to reserve your space. Balance due at workshop. Registration fee covers 5 nights lodging, meals, all materials, field trips and other expenses.



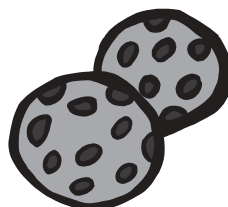
NW Natural Resources Institute Teacher Workshop. June 23-27. Coeur d'Alene

LEARN ABOUT: Teaching and learning about natural resource management. Activities include mining chocolate chip cookies, making bread in a bag, playing tree bingo and much more. You will receive learning materials for your class which includes grain tubes, rocks and minerals kits, water kits, tree cookie kits, and tons of activities!

CREDITS: 3 undergrad (EWU), 2 grad (UI) or ESD 101 clock hours.

CONTACT: Diahne Gill at 509-459-4121 or dgill@chamber.spokane.net

FEE: \$150



4th Grade History of Idaho's Rangelands. June 30-July 3. McCall

LEARN ABOUT: A new student workbook entitled "Rangeland~Idaho's Roots." It is the outcome of last year's curriculum development workshop. Fourth grade teachers from all over Idaho contributed and reviewed these materials to be used as a supplement to Idaho history curriculum and textbooks. Correlations with 4th grade social studies and science standards are included in these materials. This workshop will give you the background information to fully understand the history and science of Idaho's rangelands. Instruction provided by Dr. Karen Launchbaugh, Univ. of Idaho, Dept of Rangeland Ecology & Management.

CREDITS: 2 or 3 (depending on post-workshop assignments) from U of I. (\$62/credit)

CONTACT: Gretchen Hyde at 1-877-ID-RANGE or e-mail irrc@bigskytel.com (Or go to www.idrange.org under Teacher's Resources to download a brochure and registration form).

FEE: ***GREAT DEAL!***—early registration before May 31 is \$50, after May 31 is \$75. Registration fee covers all materials, field trips, meals, and four nights lodging at the field campus! Space is limited.



WILD Central. July 6-12. McCall

LEARN ABOUT: How to use Idaho's wildlife to enhance your students' learning. Study wolves, bears, salmon, bats, birds of prey and elk in this workshop. You'll be crawling in a bear den, howling for wolves, catching and releasing chinook salmon and mist-netting bats!

CREDITS: 3 graduate

CONTACT: Lori Adams at 208-334-2633 or ladams@idfg.state.id.us. (Or go to www2.state.id.us/fishgame/. Go to Information, then to Education to download a brochure and registration form).

FEE: \$350. Includes credits, room and board, supplementary materials and a t-shirt. Send \$50 to reserve your space. Balance is due at the workshop.



Heartland Peaks EE workshop. July 13-18. McCall

LEARN ABOUT: Infusing environmental education into daily programs. Adapting hands-on, activity-based, exemplary environmental education materials to ethnically diverse and special needs students. Collecting, recording, interpreting environmental data. Fire behavior, paleoecology, insects, forests and more!

CREDITS: 1, 2 or 3 graduate or undergraduate

CONTACT: Dick McCloskey at 208-426-3490, 800-632-6586, ext. 3490. rmcclos@boisestate.edu.

FEE: \$275.

WILD in the Yellowstone Ecosystem. July 13-19. Harriman State Park (Island Park)

LEARN ABOUT: How to use Idaho's wildlife to enhance your students' learning. Study moose, bison, sandhill crane, trumpeter swan, cutthroat trout, and creatures of the night. Highlights of this workshop include a tour of Yellowstone National Park.

CREDITS: 3 graduate

CONTACT: Lori Adams at 208-334-2633 or ladams@idfg.state.id.us. (Or go to www2.state.id.us/fishgame/. Go to Information, then to Education to download a brochure and registration form).

FEE: \$350. Includes credits, room and board, supplementary materials and a t-shirt. Send \$50 to reserve your space. Balance is due at the workshop.



Rangeland Ecology July 14-18, McCall

LEARN ABOUT: Nearly half of Idaho is classified as rangeland! Learn more about this abundant resource and how to bring it into your classroom. Take the environment in which you live and let it enhance your curriculum. This interdisciplinary workshop will provide hands-on assessment techniques, field trips, resource materials, and a great location in which to learn. Univ. of Idaho, Dept. of Rangeland Ecology and management professor Dr. Karen Launchbaugh is the instructor. Correlations of activities and curriculum with state achievement standards will be provided.

CREDITS: 3 from U of I. (\$62/credit)

CONTACT: Gretchen Hyde at 1-877-ID-RANGE or e-mail irrc@bigskytel.com (Or go to www.idrange.org under Teacher’s Resources to download a brochure and registration form).

FEE: GREAT DEAL!-early registration before May 31 is \$50, after May 31 is \$75. Registration fee covers all materials, field trips, meals, and four nights lodging at the field campus! Space is limited ~ first come, first serve.



WILD in the Panhandle. July 20-26. Clark Fork

LEARN ABOUT: How to use Idaho’s wildlife to enhance your students’ learning. Study caribou, mountain goats, whitetail deer, bull trout, mountain lions, grizzly bear, kokanee salmon, and waterfowl. Highlights of this workshop are radio tracking grizzlies, a boat tour of Lake Pend Oreille to view mountain goats, and night time trawling for kokanee.

CREDITS: 3 graduate

CONTACT: Lori Adams at 208-334-2633 or ladams@idfg.state.id.us. (Or go to www2.state.id.us/fishgame/. Go to Information, then to Education to download a brochure and registration form).

FEE: \$350. Includes credits, room and board, supplementary materials and a t-shirt. Send \$50 to reserve your space. Balance is due at the workshop.



Sawtooth Science Institute. April through August. Throughout Idaho.

Explore Idaho’s natural history with the Sawtooth Science Institute. Learn fascinating things in spectacular places! The SSI is offering numerous workshops, with such topics as “Lewis and Clark in Idaho” and “Idaho’s Threatened and Endangered Species.”

CREDITS: 1 (most workshops) or 2 (some workshops)

CONTACT: Chris Gertschen at 208-788-9686 or cgertschen@velocitus.net. or online at <http://imnh.isu.edu/ssi>



SCHOLARSHIPS

Scholarships are available to help you attend workshops. Check with:

- Your local school district about professional development funds.
- Idaho Science Teachers Assn., Mitchell Klett, mklett@uidaho.edu, 208-885-6780
- Idaho Environmental Education Assn., Gina Lockwood, lockwoodg@meridianschools.org, 208-939-1404.

It all happens April 21-27: Earth Day, Arbor Day and Wildlife Week

Celebrate Earth Day & Arbor Day!

Earth Day is April 22, and Arbor Day is April 25. What a great week to learn about trees and their vital role in our natural and built environments. Contact PLT for Arbor Day educational materials.



Arbor Day Poster Contest Reminder. Participating 5th grade classrooms: Posters are due at the Idaho Dept. of Lands by Feb. 28. For contest information, contact Sue Moore at 208-334-0244 or smoore@idl.state.id.us.

Do something WILD for National Wildlife Week!

Exploring Nature in Your Neighborhood is the theme for the week. Visit www.nwf.org to get activities for any age, including a kids' and teens' zone. You'll also find an Earth Day crossword puzzle, fun wildlife facts, and an Educator's Guide, which has neat activities for designing a habitat, and taking a wildlife observation hike. The last two activities include fun-to-use worksheets for your students. Educate and inspire!!

Water Awareness Week Celebrates 10 Years

For the 10th year Idaho will be celebrating Water Awareness Week May 12-16. Activities associated with the celebration may be teacher workshops, water festivals, field trips, special speakers and more. To find out what is happening in your area contact the Project WET office.

TEACHER GRANT\$!

We've got FREE MONEY (up to \$200 each) to help you teach about Idaho's trees and forests. EASY application process. Deadline is Aug. 15, but why wait? Contact the PLT office, or apply online at www.idahoforests.org.



New Teaching Materials and Resources

Welcome to the Underground!

Learn lots about the underground environment of caves in BLM's new reprint from the National Science Teacher Association's magazine, *Science and Children*. The reprint features a full color poster suitable for classroom use, packed with information and activities on the back. Discover ways that animals live in darkness, how caves breathe, and how this fragile environment is linked to your life on the surface. For your free copy, contact Shelley Davis-Brunner at BLM today.

New Video or DVD available from PLT's lending library. Great for Idaho history!

"Sandpoint: At the North End of the Long Bridge." This documentary traces over 100 years of north Idaho history—Native Americans, pioneers, miners, loggers, businesses, World War II, recreation and tourism. Contact PLT to borrow the video or DVD.

Project WET Website

The Idaho Water Resources Research Institute at the University of Idaho has a new website up and running which will include Project WET and other water education program schedules. Be sure to check the website for updates and new classes. The address is: http://boise.uidaho.edu/iwrri/education_projects.htm



Rangeland ~ Idaho's Roots

A NEW 4th grade student workbook with accompanying teacher guide and activities will be available to **all 4th Grade classrooms** for **FREE** next school year! See the 4th Grade History of Idaho's Rangeland workshop description for more information. Attendance at workshop not required. Reserve your class-

room set today by contacting the Idaho Rangeland Resource Commission office at 1-877 ID RANGE (toll free in state) or email irrc@bigskytel.com! Look for a sample of the booklet online at idrange.org.

PLT's Music CD Receives Awards!

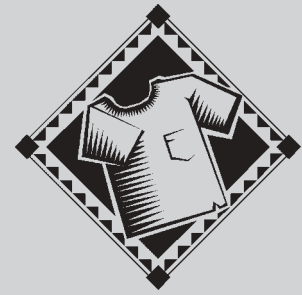
The "PLT: Energy & Me" CD was selected as a 2002 Parents' Choice Recommended Award Winner, by educators, scientists, performing artists, librarians, parents and kids. And that's not all! It also received a 2002 Children's Music Web Award in the category of Best Educational Recording for Older Children. This award is selected solely by kids!

You can borrow the "Energy & Society" Kit from the PLT office. It includes the award-winning CD, an accompanying dance video, and PLT activities and posters. Contact the PLT office. (You can also purchase the kit at www.plt.org.)

Project WILD Track Shirts



A new shipment of track shirts have arrived! We have grey & navy sweatshirts and green and light tan mock turtlenecks. Prices for sweatshirts \$19.95 and long-sleeved mock turtlenecks \$17.95. Contact the Project



WILD office.

COMING SOON: 2 new PLTree-shirts

A new Idaho tree-shirt will soon be available in both adult and youth sizes. An Arbor Day 2003 T-shirt is also being designed. To see the designs and ordering information, visit www.idahoforests.org.

SALE!!! Our original Idaho TREE shirt is being retired. They're only \$10 (plus \$3 shipping/handling)—while they last. All the XL's are gone, but we've still got some S, M & L.

HELP! HELP! HELP!

We need your help. Our mailing list for EarthTracks (formerly NatureTracks) is over 20 years old, contains nearly 10,000 addresses, and gets input from six separate agencies/organizations. We want to serve you more effectively, while reducing the costs of unnecessary printing and postage. Soooo..... **This is your last issue of EarthTracks, unless we hear from you.** You must tell us you want to continue to receive the newsletter, or you'll be removed from our lists.

To continue receiving EarthTracks, **send email to ladams@idfg.state.id.us**, or complete and mail this form. Include your preferred name and address. If you'd like to receive only an emailed version of the newsletter, let us know and provide your email address.

You are the key to our list clean-up efforts. PLEASE HELP!

To let us know by mail, simply complete this form and mail it to EarthTracks: P.O. Box 25, Boise, ID 83707.

Yes, I want to receive EarthTracks. I understand that if I don't respond by March 31 (via email or mail), I will be REMOVED from the list.

Name _____

Mailing address _____



Check all workshops you've attended and check the box if you are an IdEEA member:

PLT workshop WILD workshop WET workshop

Rangeland workshop IdEEA member

OR: I would like to receive EarthTracks ONLY via email. Here is my clearly printed email address:



For more information on Earthtracks, contact:

Idaho Dept. of Fish and Game

Project WILD

PO Box 25, Boise ID 83707
800-422-WILD www2.state.id.us/fishgame
Lori Adams (208) 334-2633
ladams@idfg.state.id.us

U.S. Bureau of Land Management

Environmental Education
1387 S. Vinnell Way, Boise ID 83709
Shelley Davis-Brunner (208) 373-4020
shelley_davis-brunner@blm.gov

Idaho Forest Products Commission

Project Learning Tree

350 N. 9th St., #304, Boise ID 83702
800-ID-WOODS www.idahoforests.org
Michelle Youngquist (208) 334-4061
plt@idahoforests.org

Project WET

800 Park Blvd., Plaza 4, #105, Boise ID 83712
Julie Scanlin (208) 422-0737
http://boise.uidaho.edu/iwrri/education_projects.htm
jscanlin@uidaho.edu

Idaho Rangeland Resource Commission

PO Box 126, Emmett ID 83617
877-ID-RANGE www.idrange.org
Gretchen Hyde (208) 398-7002
irrc@bigskytel.com

Idaho Environmental Education Assn.

2211 S. 2nd Ave., Pocatello, ID 83201
Donny Roush, 208-232-5674
donny@idahoe.org

EarthTracks can be accessed at <http://www.idahoforests.org/teach1.htm>

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