



Weekly Announcements for June 10-16, 2007

Please submit newsletter information to Susan at rittusa@isu.edu

Seminars

Scott Clingenpeel, graduate student with **Dr. Malcolm Shields**, will present his Ph.D. defense seminar, "Assessment of Bioremediation Potential at a Diesel and Chlorinated Ethene Contaminated Site", on **Monday, June 18, 2006 at 1:00 pm in Plant Sciences Lecture Hall.**

Publications

Seefledt S, **Germino MJ, DiCristina KM**. 2007. Prescribed fires have minor and transient effects on herbaceous vegetation cover and composition. *Applied Vegetation Science* 10: 249-256

Schmidt, JI, **Ver Hoef, JM, Bowyer, RT**. 2007. Antler size of Alaskan moose *Alces alces gigas*: effects of population density, hunter harvest and use of guides. *Wildlife Biology* 13:1 53-65

Presentations

A large contingent from the ISU Biology Department attended the annual North American Benthological Society Meeting June 3-7, 2007 in Columbia, South Carolina. The NABS is the International Society for the study of streams and rivers. Students and faculty from the ISU Biology Department are authors on a total of 17 oral and poster presentations (titles and authors below) at this year's meeting.

"Floodplain contributions to basal resources and retention in montane rivers: Comparison of dredge-mined to reference segments." **J. Ryan Bellmore, Colden V. Baxter, and Andrew M. Ray.**

"Impacts of flow disturbance on densities of the New Zealand mud snail, *Potamopyrgus antipodarum*, in the Portneuf River, Idaho." **Jessica M. Hopkins and G. Wayne Minshall.**

"The "Fire Pulse:" Effects of wildfire on periphyton, benthos, insect emergence, and riparian predators in a wilderness watershed." **Rachel L. Wilkinson and Colden V. Baxter.**

"Aquatic effects of a terrestrial invader: 35-year natural experiment shows Russian olive alters basal resources and community metabolism of a desert spring stream." **Madeleine M. Mineau, Colden V. Baxter, Amy M. Marcarelli, G. Wayne Minshall, and Steven A. Thomas,**

"Regional differences between brook trout and cutthroat trout populations and potential consequences for stream-riparian ecosystems." **Joseph R. Benjamin, Colden V. Baxter, and Kurt D. Fausch.**

"The Effect of Agro-Urban Land-Use on Stream Retention of Dissolved Nitrogen, Carbon, and Phosphorus in SE Idaho." **Heather A. Bechtold, Amy M. Marcarelli, Colden V. Baxter, and Richard S. Inouye.**

"Invertebrate drift as a predictor of salmonid abundance and distribution in the Panther Creek Watershed, Idaho." **Sarra L. Moller and Ernest R. Keeley.**

"Concordance (or lack thereof) between water chemistry and ecosystem function in a eutrophic river." **Amy**

M. Marcarelli, Heather A. Bechtold, Richard S. Inouye, Amanda T. Rugenski, and Colden V. Baxter.

"A "tail" of two streams: The influence of regional and network context on the ecology of Rocky Mountain tailed frog tadpoles." **Jason L. Jones, Colden V. Baxter, and Charles R. Peterson.**

"What's going down City Creek: Evaluating Pocatello's water quality using a small city stream." **Jason L. Jones.**

"Denitrification Potential along a Nitrate gradient within Mink Creek." **Christopher P. Wilhelm, Amy M. Marcarelli, Colden V. Baxter, and Richard S. Inouye.**

"Interacting effects of nutrient concentration and temperature on release rates of nutrient diffusing substrates." **Amanda T. Rugenski, Amy M. Marcarelli, Heather A. Bechtold, and Richard S. Inouye.**

"A brief history of the Grand Canyon: developing an ecosystem perspective for conservation of native fishes in the Colorado River." Theodore A. Kennedy, E. J. Rosi-Marshall, R.O. Hall, **Colden V. Baxter**, W.F. Cross, H.A. Wellard, and **Michael D. Yard.**

"Autochthonous versus Allochthonous Carbon Inputs to the Colorado River, Grand Canyon." Robert O. Hall, Theodore Kennedy, Emma Rosi-Marshall, **Michael D. Yard**, Wyatt Cross, and **Colden V. Baxter.**

"Invertebrate diets track downstream changes in resource availability in the Colorado River below Glen Canyon Dam." Holly A. Wellard, E. Rosi-Marshall, R. Hall, W. Cross, T. Kennedy, and **Colden Baxter.**

"Using Ecosystem Production Budgets to Assess Resource Limitation of Native and Non-Native Fishes in Colorado River, Grand Canyon." Wyatt F. Cross, **Colden V. Baxter**, R.O. Hall, T.A. Kennedy, S. Rogers, E.J. Rosi-Marshall, and **Michael D. Yard.**

"Effects of Tributary Sediment Input on Distribution and Foraging Behavior of Nonnative Salmonids, and Potential Consequences for Native Fishes in the Colorado River, Grand Canyon." **Michael D. Yard**, Lewis G. Coggins, and **Colden V. Baxter.**

Awards

Glenn NJ, **Germino MJ.** 2007. Fusion of remotely sensed data sources for modeling eolian soil transport in heterogeneous terrain. DOD EPSCOR. \$350,000/3 years

Notices

The Portneuf Watershed Symposium will be held on Wednesday, June 20th, 2007 in the Wood River Room in the Pond Student Union at ISU. The symposium, which will run from 8:00 AM to 5:00 PM, will include talks about the state of the Portneuf River, ongoing research focused on the Portneuf River, and efforts to improve the condition of the Portneuf River. Speakers will include representatives from the Idaho Department of Environmental Quality, the US Environmental Protection Agency, Idaho State University, the City of Pocatello, Idaho Fish and Game, J.R. Simplot Company, the US Geological Survey, and the Idaho Association of Soil Conservation Districts. The symposium will end with a round table discussion and an opportunity to ask questions of the speakers. Attendance is free, but there is a charge for refreshments, lunch, and a program. **For information contact Richard Inouye (282-2933, or inourich@isu.edu).**

The National Science Foundation is currently accepting proposals for **Research Experiences for Undergraduates (REU)**. The REU program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. Students should apply directly to REU sites at http://www.nsf.gov/crssprgm/reu_search.cfm. The anticipated deadline for REU site proposal will be on, or about August 15, 2007.

The American Association for Zoological Nomenclature must vacate storage space in National Museum of Natural History to make room for renovations. Therefore, the following items are offered at greatly reduced prices.

"International Code of Zoological Nomenclature." 1999. 4th ed. London: The International Trust for Zoological Nomenclature, xxix + 306 pp. (original price \$48.00 for individuals) Sale price \$15.00 plus postage; \$19.00 postpaid in the U.S. (book rate)

"Towards stability in the names of animals-A history of the International Commission on Zoological Nomenclature 1895-1995." 104 pp. (original price \$50.00 for individuals) Sale price \$15.00 plus postage; \$19.00 postpaid in the U.S. (book rate)

The following two items are offered as a unit:

"Official lists and indexes of names and works in zoology." 1987. London: The International Trust for Zoological Nomenclature. 365 pp.

"Official lists and indexes of names and works in zoology. Supplement 1986-2000." 2001. London: The International Trust for Zoological Nomenclature. 136 pp. (offered also as a separate item below) (original price for both \$140.00) Sale price \$40.00 plus postage; \$45.00 postpaid in the U.S. (book rate)

"Official lists and indexes of names and works in zoology. Supplement 1986-2000." 2001. London: The International Trust for Zoological Nomenclature. 136 pp. (Original price \$85.00) Sale price \$25.00 plus postage; \$29.00 postpaid in the U.S. (book rate)

Terms: Cash or check made out to the American Association for Zoological Nomenclature. Unfortunately, we cannot accept money orders or credit cards. Do not send cash in the mail. If you are unable to purchase according to these terms and still wish to acquire any of these items, contact Gardner.

Contact person: Alfred Gardner, USGS Patuxent Wildlife Research Center, National Museum of Natural History, P. O. Box 37012, Room 378 MRC 111, Washington, D.C. 20013-7012

Job Opportunities

Quinault Indian Nation, Taholah, WA.

WILDLIFE BIOLOGIST 1 – CLOSE 06/18/07

Wildlife Biologist I for the Environmental Protection program to provide assistance with ongoing wildlife studies and conduct environmental protection work essential to support forest management activities. Knowledge with the Endangered Species Act, wildlife management, and quantitative science. Strong interpersonal communication skills; ability to clearly express ideas in oral and writing; valid WA St. driver's license. Desired training in capture and restraint of wildlife, radio telemetry tracking, knowledge in terrestrial habitat identification and data collection, forest ecology and habitats, and competence with computer spreadsheets and data management.

SEASONAL FISHERIES TECHNICIANS – CLOSE 06/20/07

Fisheries Technical Support Section will be hiring up to 20 workers for the spring 2007 field season in Queets. Rate of pay is \$ 10.15 - \$ 12.50 per hour DOQ, up to 40 hours per week.

Contact Larry Parker or Cheri Sanchez at 360-276-4191 ext 577 or 266

www.quinaultindiannation.com

SEEDS of SUCCESS

Chicago Botanic Garden in partnership with the Bureau of Land Management is looking for botanists to intern with an exciting national botany project, Seed of Success. Internships begin in mid to late June and last for 5 months. We are looking for recent graduates who have good plant identification skills, some field work experience and love to work outdoors. Requirements include: ability to use a dichotomous key, identify plants to the family or genus, BS or BA in ecology or plant biology. For more information contact: kkordecki@chicagobotanic.org.

Alumni News

Jessica Hopkins, Doctor of Arts student with **Dr. G. Wayne Minshall**, has accepted an Assistant Professor of Biology position at the University of Akron in Ohio to begin August 2007. Congratulations!!

