

# Forest Science Newsletter

December 2007

## **Nursery Technology Cooperative**

The Nursery Technology Cooperative (NTC) hosted two very successful events in November. The Forest Seedling Quality Workshop was held at OSU at the Oak Creek Building on 11/7 and attended by more than 80 reforestation and nursery personnel from throughout the Pacific Northwest. Workshop attendees were divided into six groups and then rotated through various stations where they had the opportunity to have hands-on experience with specific seedling quality measurements as well as instructions and interpretation from seedling experts at each station. The six stations covered the following: morphology, root growth potential, plant moisture stress, seedling nutrition, bud development, and cold hardiness.

The second event was the Fourth Pacific Northwest Native Plants Conference. This popular conference has been hosted by the NTC and the Western Forestry and Conservation Association every three years since 1998. Attendance was nearly 200 this year. The 3-day event included an optional field trip which consisted of several stops around the Eugene area to visit native plant nurseries and restoration sites. The following two days were held at the Eugene Hilton. Twenty speakers gave presentations on a variety of topics such as propagation techniques, prairie restoration, genetic considerations, control of invasives, education, and rare plant programs.

For more information about the NTC, visit our website at <http://ntc.forestry.oregonstate.edu>.



Registration is now open for the 7<sup>th</sup> **Biennial Conference on University Education in Natural Resources** hosted by Oregon State University on March 13-15, 2008. The keynotes will focus on preparing future leaders in natural resources (presented by John Gordon) and preparing natural resource professionals for an uncertain future (presented by Jerry Franklin). Following the keynotes, there will be a day and a half of 4 concurrent sessions featuring presentations, panels, and workshops on fostering critical thinking, experiential and service learning, innovations in outreach, making learning count, enhancing communication skills, increasing

diversity and inclusion, recruiting and retaining students, strategies to reward teaching at promotion and tenure, and educational partnerships that work. Hopefully, colleagues from Europe will speak about forces shaping European education in forestry and natural resources and implications for the US and Canada. Details can be found on the website: <http://uenr.forestry.oregonstate.edu/index.htm>

**XIII World Forestry Congress**, 18 - 25 October 2009, Buenos Aires, Argentina

The first call for papers, posters, and speeches for the 13<sup>th</sup> World Forestry Congress is available online at: <http://www.wfc2009.org/>

## Publications

Elliot, J.C., Smith, J.E., Cromack Jr., K., Chen, H. and D. McKay. 2007. Chemistry and ectomycorrhizal communities of coarse wood in young and old-growth forests in the Cascade Range of Oregon. *Can. J. For. Res.* 37:2041-2051. <http://www.cof.orst.edu/cof/fs/PDFs/2007Elliott.pdf>

Griffiths, R.P. and T. Filan. 2007. Effects of bracken fern invasions on harvested site soils in Pacific Northwest (USA) coniferous forests. *Northwest Science* 81(3):191-198.

McComb, B.C. 2007. *Wildlife Habitat Management: Concepts and Applications in Forestry*. CRC Press. 384 p.

Woolley, T.J., Harmon, M.E., and K.B. O'Connell. 2007. Estimating Annual Bole Biomass Production Using Uncertainty Analysis. *Forest Ecology and Management* 253:202-210.



Goodbye to **Jeff Shatford**, who started at OSU in February 2000, has taken a position with Parks Canada as of Oct. 1, 2007. His job is the vegetation specialist for Wood Buffalo National Park, the largest national park in the world (slightly larger than Switzerland). One of the biggest challenges is monitoring the Peace-Athabasca delta, some 3500 sq kilometers of large muddy rivers, braided channels, lush meadows, and vast shallow lakes. He lives in the Northwest Territories, a region nearly five times the size of Oregon but with a population of only 42,000. He encourages people to come and visit!

**Welcome to the following new employees:**

**Eric Dinger** started working with Robin Rose as a Research Assistant for the Vegetation Management Research Cooperative. He completed his Masters degree here in the Forest Science Department this past June. Before that, Eric fought fire for the Forest Service in the summers and taught outdoor science courses to high school students during the winter months.

**Kent Coe** is now a FRA working with Bryan Endress and Catherine Parks in support of invasive plant and native ecosystem restoration research out of the Forestry and Range Sciences Laboratory in La Grande.

**Andrea Schuetz** started working with Bev Law as a Technical Analyst with AmeriFlux. Her work will focus on AmeriFlux network-wide synthesis activities, including coupling of carbon uptake and water use among plant functional types.

**Brett Morrisett** started working with with Kermit Cromack on one of Kermit's research grants.

Welcome Eric, Kent, Andrea and Brett!

Welcome to **Miles Betts**, Matt and Karen's new baby boy, and **Henry Berger**, Carrie and Aaron's new baby boy.



**Nancy Weber**, Affiliate Faculty Member in Forest Science, recently received an award from the North American Mycological Association at their annual

meeting (foray). The Award for Contributions to Amateur Mycology is given annually to recognize a person who has contributed extraordinarily to the advancement of amateur mycology. Nancy is the first professional mycologist in Oregon to receive this award and the first woman with a Ph.D. to receive it. She is also the first person to receive this award who is the offspring of a previous award winner. Nancy's father, Alexander H. Smith received the award in 1967.

Graduate Student **Holly Barnard** won a prestigious Horton Research Grant awarded by the American Geophysical Union. This grant supports research projects in hydrology and water resources by Ph.D. candidates. Holly is co-majoring in Forest Science and Forest Engineering (Hydrology).

Please join me in congratulating **Mike Bondi**, who received the Vice-Provost and Director's Award for Outstanding Achievement in Strategic Impact at the awards banquet on December 3 in Corvallis. This award recognizes Mike's leadership in the Tree School Program, serving the citizens of Clackamas County and beyond. Congratulations Mike!

## Grants & Contracts

Steve Voelker (a FS PhD Student) along with Rick Meinzer, Barb Lachenbruch and Renee Brooks, just found out they are to be awarded a substantial grant from the National Science Foundation (more than \$600,000). Most of the money will go to OSU but a part will go to a collaborator, Rich Guyette, at the Univ. of Missouri where Steve used to work and continues to have strong connections. The title of the project is *Testing Paleo to Present Tree Carbon Capture Across Ontogeny, Atmospheric CO<sub>2</sub> and Productivity Gradients*.

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For questions, comments or to submit articles, events, publications, stories, pictures or other information for the Forest Science Newsletter please email [irene.schoppy@oregonstate.edu](mailto:irene.schoppy@oregonstate.edu).