

Forest Ecosystems & Society Newsletter

November 2008

HJ Andrews Experimental Forest

Listen to John Cooney's Natural World from KLCC as he reports from the HJ Andrews Experimental Forest.

Dr. Mark Needham

Dr. Mark Needham has recently been granted Adjunct Assistant Professor status in the Department of Geography at the University of Hawaii.

North American Forest Ecology Workshop

The call for papers for the 7th North American Forest Ecology Workshop, scheduled for June 22-26, 2009 in Logan, Utah, can be accessed on line here.



December 1-4, 2008

Pacific Coast Fire Conference

The California Association for Fire Ecology (CAFE), in association with Humboldt State University, is hosting the *Pacific Coast Fire Conference: Changing Fire Regimes, Goals and Ecosystems* in San Diego. Fire and fuel managers, planners, implementers, resource specialists, fire ecologists, decision makers, researchers, students and fire fighters should all plan to attend. This conference will provide a timely forum for the exchange of information on the ecology and management of fire adapted and affected ecosystems along the Pacific Coast of the United States and Canada, from the ocean to the Sierra-Cascade crest, in a time of changing climate and rapid population growth. For more information, visit the website.

June 22-26

North American Forest Ecology Workshop

The 7th North American Forest Ecology Workshop (NAFEW) will take place at Utah State University in Logan, Utah from June 22 to 26, 2009. The workshop will bring together forest ecologists from around the world to share ideas and knowledge on forest ecosystems in North America. The ecological backdrop of the 7th NAFEW will be the arid and alpine forests of North America's Interior West. The program will feature three days of plenary sessions consisting of invited plenary speakers and volunteer presentations and posters. For more information, visit the website.

Publications

Betts, M.G., Hadley, A.S., Rodenhouse, N.L. and Nocera, J.J. 2008. Social information trumps vegetation structure in breeding site selection by a migrant songbird. *Proceedings of the Royal Society of London-Ser. B*. 275: 2257-2263.

Betts, M.G., Rodenhouse, N.L., Sillett, T.S. Doran, P.D. & Holmes, R.T. 2008. Dynamic occupancy models reveal within-breeding season movement up a habitat quality gradient by a migrant songbird. *Ecography* 31: 592-600.

Betts, M.G., Ganio, L., Huso, M., Som, N., Bowman, J., Huettman, F. and Wintle, B. *In Press*. The ecological importance of space in species distribution models. *Ecography*.

Brown, R. N. K., Rosenberger, R. S., Kline, J. D., Hall, T. E., and Needham, M. D. 2008. Visitor preferences for managing wilderness recreation after wildfire. *Journal of Forestry*, 106(1), 9-16.

Christensen, A., Needham, M. D., and Rowe, S. 2008. Whale watchers' past experience, value orientations, and awareness of consequences of actions on the marine environment. *Tourism in Marine Environments*, 5(4).

Giesen, T. W., S. S. Perakis, and K. Cromack. 2008. Four centuries of soil carbon and nitrogen change after stand-replacing fire in a forest landscape in the western Cascade Range of Oregon. *Canadian Journal of Forest Research* 38, no. 9: 2455-2464.

Needham, M. D., and Rollins, R. 2008. Social science, conservation, and protected areas. In P. Dearden & R. Rollins (Eds.), *Parks and protected areas in Canada: Planning and management* (3rd Edition). Don Mills, ON: Oxford University Press.

Needham, M. D., and Vaske, J. J. 2008. Hunter perceptions of similarity and trust in wildlife agencies and personal risk associated with chronic wasting disease. *Society and Natural Resources*, 21(3), 197-214.

Pabst, R.J., Goslin, M.N., Garman, S.L. and Spies, T.A. 2008. Calibrating and testing a gap model for simulating forest management in the Oregon

Coast Range. Forest Ecology and Management 256: 958-972.

Puettmann, K., Messier, C., and K.D. Coates. 2008. A Critique of Silviculture: Managing for Complexity. Island Press. 206 pp. This book is now available on amazon.com, click [here](#) for more information.

Zald, H.S.J., Gray, A.N., North, M., and Kern, R.A. 2008. Initial tree regeneration responses to fire and thinning treatments in a Sierra Nevada mixed-conifer forest, USA. Forest Ecology and Management 256 (1-2): 168-179.

Zald, H.S.J. 2008. Extent and spatial patterns of grass bald land cover change (1948-2000), Oregon Coast Range, USA. Plant Ecology (DOI 10.1007/s11258-008-9511-1).



Dr. Mark Needham would like to welcome new graduate students and research assistants **Caitlin Bell** and **Chris Little**:

Caitlin Bell completed her undergraduate degree at Cornell University in New York and then worked with the University of Georgia Marine Extension Center and Aquarium in Savannah, Georgia. She will be working with Dr. Needham on a new study of recreation and tourism capacity issues at Molokini Shoal and Kealahou Bay protected areas in Hawaii.

Chris Little comes to Oregon State University after completing his undergraduate degree at St. Lawrence University in New York. Chris has worked as a field manager with the Institute for Wildlife Studies, interpreter for The Nature Conservancy, and forest manager with California State Parks and Recreation. He plans to examine effects of climate change on recreation use.

Sarah Frey (PhD student under Matt Betts) is an NSF IGERT funded student who recently finished an MSc at UVM. She will be looking at the interacting effects of landscape fragmentation and climate change on range shifting behavior in birds.

Emily Comfort is a new PhD student co-supervised by John Bailey and Matt Betts. Emily's research interest is in how management strategies (including alternative treatments like variable-

density thinning) conducted at the landscape scale may provide a buffer from, or act as a catalyst for further disturbance.

Max Brugger (PhD student - dual major in Math) is coming to Forest Ecosystems and Society with an undergrad in mathematics. He is hoping to apply mathematical models to test and develop hypotheses about how habitat selection behavior may facilitate or impede species response to climate change.



Dr. Mark Needham just found out that he has been awarded two new research awards. The first project involves working with a colleague at the University of Hawaii to develop of a new recreation management framework and then apply this model at both Kealahou Bay and Molokini in Hawaii (sponsored by Hawaii Department of Land and Natural Resources, \$134,000). The second project involves working with Dr. John Falk (OSU Department of Science and Mathematics Education) to measure the impact of interpretation at the California Science Center on surrounding communities (sponsored by Noyce Foundation, \$101,870). Dr. Needham is also working with Dr. Randy Rosenberger on a year-long project examining public support, demand, and potential revenue for recreation on the McDonald-Dunn Forest.

Liz Etherington received the 2008 OSU Exemplary Employee Award and was recognized at University Day.

Dan Donato has received the 2008 Outstanding Student Research in Ecology Award made by the Ecological Society of America. The award was presented at the annual meeting of the ESA in Milwaukee, Wisc., for Donato's studies on post-fire harvest effects on natural vegetation regeneration after the 2002 Biscuit Fire in Southwest Oregon.

Congratulations to Liz, Mark, and Dan!

For questions, comments or to submit articles, events, publications, stories, pictures or other information for the Forest Ecosystems and Society Newsletter please email irene.schoppy@oregonstate.edu.