

Forest Science Newsletter

March 2006

Kimberly Wallin

Paul Oester and I are setting up a field study in eastern Oregon. The title of the grant is-- *Improving guidelines in intermountain west for slash management to minimize Ips pini attack following thinning of ponderosa pine stands.* The project will develop technologies that increase the efficiency and efficacy of thinning operations to meet landowner objectives. Landowners will have improved management tools that will impact their future resources.

I am giving an invited talk at University of British Columbia on March 31, 2006. "Dynamics of host resistance and host selection behavior of eruptive insects: Can we screen for host tolerance and resistance?"

Kirstin Carroll

I will be attending the Third Meeting of the Parties to the Cartagena Protocol on Biosafety (MOP3) in Curitiba, Brazil on March 13-17th (<http://www.biodiv.org/doc/meeting.asp?mtg=MOP-03>). I will be participating in the meeting as a member of the Public Research and Regulation Initiative (<http://pubresreg.org/>) The Public Research and Regulation Initiative's objective is to involve the public research sector in regulations and international agreements that are relevant for biotechnology. In 2005, the initiative brought almost 30 public research sector scientists from around the world to the Second meeting of the Parties (MOP2) in Montreal, Canada and has over 40 public research sector scientists participating in the proceedings this year in Brazil in March.

Stephanie Hart

Stephanie Hart is starting a Faculty Research Assistant position with Brenda McComb and Andy Gray. They will be studying the potential to meld data from an extensive network of field plots with satellite imagery and spatial and non-spatial models of wildlife-habitat relationships to predict habitat suitability for several forest vertebrates. She received her Master of Science from Forest Science in 2006 and Bachelor of Science from The University of Michigan in 2000.

After romping around in streams and woods of Maine and Michigan, Stephanie found herself studying both systems here in the Coast Range with Dave Hibbs and Steve Perakis as part of the CFER program. Generally, her research interests are in forest and stream ecology and riparian biogeochemistry. This FRA position is a unique opportunity for Stephanie to gain experience in wildlife habitat assessment and learn how her interests in that subject meld with those in ecology and biogeochemistry.

Tara Stiefel

Rebecca (Becca) Cameron (M.S. student, Hayes) and I (M.S. student, Law) competed in the Advanced Women's category of the Corvallis Climbing Competition. It was a tight 'race' with Becca finishing second and me finishing third, but we both only lost to the first place finisher by 1-2 points in the finals. It was a great 'study break'.



Penny Wright received the Dean's Award for outstanding achievement, support staff.

Doug Mainwaring received the Dean's Award for outstanding achievement, faculty research assistant.

Jonathan Thompson has been selected by the Graduate School for the 2006-2007 P.F. & Nellie Buck Yerex Graduate Fellowship.

Fred Frick has been named as the First Alternative for the 2006-07 Lenore Bayley Graduate Fellowship.

Congratulations Penny, Doug, Jonathan and Fred!!!



Knitting/Crocheting group, **Thursdays at noon on the 3rd floor knuckle.** We've got all sorts of

interesting projects going on including socks, hats, rugs, scarves and more. We are always trading books and patterns, if anyone is interested- just stop by!

Stretch Out. Start the week off right! Learn simple stretches to do at work to ease aches and pains associated with desk work, computing, commuting, teaching, learning, etc. We will meet Monday mornings at 10:00 in RH 313 every week for a 15 minute practice session. No need for special clothes, or any type of 'gear'. Class will be led by Irene Schoppy, certified Yoga Instructor. Classes will vary every week, so mark your calendars!

Please join us at HJA Days, the annual field gathering at the H.J. Andrews Experimental Forest where new and veteran workers at the Andrews and visitors share information concerning the science program and research-management interactions centered at the Andrews Forest. **Tuesday, June 20.** More information is available under the "What's New" link on the HJ Andrews Forest website, www.fsl.orst.edu/lter.

The Food for Thought Lecture Series is hosting nationally recognized experts to speak on the benefits and risks of biotechnology. Each speaker will provide two lectures; one geared towards the general public, and a second more scientifically focused lecture for the OSU scientific community. All lectures are free of charge. Public lectures will be held at the LaSells Stewart Center from 7-9 pm. The lecture schedules and information on each of the upcoming speakers can be found on the website:

<http://zircote.forestry.oregonstate.edu/orb/events/lectureseries/index.htm>

Publications

COMMUNITY AND ECOSYSTEM ECOLOGY
Seasonality and Lure Preference of Bark Beetles (*Curculionidae: Scolytinae*) and Associates in a Northern Arizona Ponderosa Pine Forest
M. L. GAYLORD, T. E. KOLB, K. F. WALLIN, AND M. R. WAGNER
Environ. Entomol. 35(1): 37-47 (2006)

Arias, R., S. Filichkin, and S.H. Strauss. 2006. Divide and conquer: Plant cell cycle and

development genes for plant transformation. *Trends Biotechnol.* (in press)



John Hayes will be traveling to Washington D.C. to meet with people from Boeing Corporation, World Bank, and USAID on proposed work in Ethiopia. He will also be going to West Virginia to participate in a NAUFRP meeting as well as to participate in the National Academy of Sciences Committee to evaluate the environmental impacts of wind power.



Tanya Latty, a Ph.D. student at University of Calgary, is visiting Kimberly Wallin and the Department of Forest of Science from March 8-28. During her stay we will introduce her to various insect behavioral assays, impacts of genetics of host resistance on insect deme formation and local adaptation theories, and biological control methods. She will shadow Darrell Ross (M.S. student), Glenn Kohler, and someone in Steve Strauss' laboratory. She will also participate in Barbara Bond's physiology discussion group on Tuesday afternoons.

Tanya will discuss her Ph.D. work at two meetings—an informal departmental brown bag seminar and at the entomology group's brown bag seminar series on campus. She will join Kimberly Wallin in local outreach and present at the Science Education Partnerships (SEPS) sponsored Math Evening at Wilson Elementary. This is her website: www.ucalgary.ca/~tmlatty/Tanyaindex.htm.

Blanca Romero Lopez, a Ph.D. student at the Center for Biological Research of the Northwest, La Paz, Baja California Sur., Mexico, is visiting the department for one year beginning in March as part of her Ph.D requirements. Blanca will be working with C.Y. Li and Bernard Bormann and will be studying weathering of primary minerals by microbes in rhizospheres of cactus. Breakdown of primary minerals by microbes is thought to be a primary source of nutrients for cactus forests growing in rocks of Baja California.