
Forest Health Monitoring Program
October Monthly Update
October 8, 2007

Recent Happenings

Please welcome Walter Clevenger as Region 5's Aerial Survey Program Manager. Walter has 28 years with the federal government including the US Army, Air Force and previous forest service experience. He is a Wildlife Biologist by training and has experience conducting and managing ground and aerial surveys for moose, brown bear and wolf populations. He has previously worked on the Tahoe and Eldorado national forests, served as a Wildlife biologist for the Army in Alaska, and for the past 16 months has worked for the Army Corps of Engineers conducting bat and desert tortoise surveys. His email is wclevenger@fs.fed.us and phone is 916-640-1274

Upcoming Events (items beginning with * indicate a new listing or new information added)

November 5-7, 2007. Montpellier, in southern France. The ForestSat'07 conference. This conference is intended to bring together remote sensing and geographic information specialists with foresters and other forest stakeholders to foster exchanges towards an operational and fruitful use of remote sensing techniques and products for forest applications. Previous conferences were ForestSat'03 held in Edinburgh, Scotland, and ForestSat'05 held in Boras, Sweden. Papers are expected on topics related to the development of remote sensing methods (mapping, assessment of biophysical parameters, change detection), and applications of remote sensing to forest resources assessment and indicators of sustainable management; forest functioning and carbon cycle; monitoring of the impacts of global change; landscape ecology; biodiversity. For more information including important dates, visit the ForestSat'07 conference home page at <http://forestsat07.teledection.fr>.

*November 13-14, 2007. Woodland, CA. The California Forest Pest Council (CFPC) 2007 Annual Meeting will be held at the Heidrick Ag Center in Woodland, CA. The 56th annual meeting will review 2007 CA forest health issues featuring a half-day panel on California Climate and Forest Health. Tuesday highlights include the first CFPC poster session and a social. COST: Before November 2, 2007 - \$75; Late Registration and at the Door - \$85; Students and Retirees - \$40. Make checks payable to CFPC. Mail completed registration and payment to: Stephen Jones, CFPC treasurer, 612 Martha Way, Roseville, CA 95678. Please also include your name, address, organization and email address. (Registration includes refreshments, lunches and the social.) Check for updates and registration materials at: <http://www.caforestpestcouncil.org/>. If you have questions about the conference, please contact Susan Frankel, USDA-Forest Service, Pacific Southwest Research Station, at 510-559-6472 or sfrankel@fs.fed.us.

February 11 – February 14, 2008. San Antonio, TX. **Mark your calendars** for the 14th Annual Forest Health Monitoring Work Group Meeting to be held at the St. Anthony Hotel, in downtown San Antonio. The Chair of this year's Meeting Planning Committee is Michael Bohne (USDA Forest Service, Forest Health Protection, R5) (mbohne@fs.fed.us). More details regarding this meeting will be included in future Updates.

Publications of Interest

Barnard, E.L. 2007. Native vs. exotic forest pests: some very important differences and why we should be concerned. Florida Forests 11(1): 29-31.

Barnard, E.L. 2007. *Xylella fastidiosa* and bacterial leaf scorch of oaks: subliminal, subtle, and suspect. Proceedings of the 2nd National Oak Wilt Symposium. Austin, Texas. June 4-7, 2007. 10 p.

Cumming, A.B.; Nowak, D.J.; Twardus, D.B.; Hoehn, R.; Mielke, M.; Rideout, R. 2007. Urban forests of Wisconsin: pilot monitoring project 2002. NA-FR-05-07. Newtown Square, PA: U.S. Department of Agriculture, Forest Service, Northeastern Area State and Private Forestry. 33p. Available online: Low resolution: http://www.na.fs.fed.us/pubs/fhm/pilot/pilot_study_wisconsin_02_lr.pdf
High resolution: http://www.na.fs.fed.us/pubs/fhm/pilot/pilot_study_wisconsin2_02_hr.pdf

Gandhi, K.J.K.; Gilmore, D.W.; Katovich, S.A.; Mattson, W.J.; Spence, J.R.; Seybold, S.J. 2007. Physical effects of weather events on the abundance and diversity of insects in North American forests. *Environmental Reviews* 15: 113-152.

LaBau, V.J.; Bones, J.T.; Kingsley, N.P.; Lund, H.G.; Smith, W.B. 2007. A history of the forest survey in the United States: 1830-2004. FS-877. Washington, DC: U.S. Department of Agriculture, Forest Service. 82 p. Available online: <http://www.fs.fed.us/emc/rig/>

Job Announcements

The Northern Region, Forest Health Protection, State and Private Forestry, will be advertising for a permanent full-time GS-8/9 Biological Science Technician in the Regional Office, Missoula, MT. The incumbent is responsible for performing a variety of complex and recurring duties in support of Forest Health Protection, including ensuring insect and disease aerial detection survey information is incorporated into the FHP (GIS) Geographic Information Program. The principal duties include conducting ground and aerial surveys; coordinating and executing forest health protection field and laboratory projects; and supervising and training seasonal employees of lower grades. He/she is responsible for planning, coordinating, and conducting the aerial detection survey under the direction of the R1/4 Aerial Detection Program Manager. The position is directly supervised out of the Missoula Field Office of FHP. The position will be posted on <http://www.usajobs.gov> when available. The United States Government does not discriminate in employment on the basis of race, color, religion, sex, national origin, political affiliation, sexual orientation, marital status, disability, age, membership in an employee organization, or other non-merit factor.

The Pennsylvania Department of Conservation and Natural Resources, Bureau of Forestry is recruiting for the position of Forest Entomologist, which will serve as the expert resource person for the statewide forest health program headquartered in Middletown, Pennsylvania. This position plans, supervises, and coordinates the statewide implementation and evaluation of integrated forest pest management projects; conducts applied research and coordinates with other Commonwealth and Federal agencies, university researchers, and the forest pest industry; provides training in the proper operation and maintenance of a variety of instruments, equipment and safety gear; and supervises and coordinates the handling, rearing, and evaluation of forest pest host organisms. Requires two years of professional experience in forest entomology, and graduation from a four-year college or university with major course work in forestry, supplemented by graduate work in forest entomology to the level of Master's Degree from a college or university accredited by the Society of American Foresters; Or any equivalent combination of experience and training. This is a civil service position, a job announcement and required application material must be obtained by contacting Jason Rothermel, DCNR Human Resources, at 717-772-4230 or 1-800-654-5984 (TT#) through the PA AT&T Relay Service; or by sending an e-mail to dcnrjobs@state.pa.us. Completed Civil Service application and supplement must be postmarked by October 26, 2007. Resumes alone will not be accepted. Pennsylvania is proud to be an Equal Opportunity Employer supporting work force diversity.

Ph.D. Assistantship Available at Virginia Tech. Forest Entomology/Biological Control. General research topic involves the biological control for the hemlock woolly adelgid (HWA). The efforts involve foreign exploration, quarantine evaluation, augmentation, and evaluation of HWA insect predators. Virginia Tech has opportunities for potential students to carry out important and exciting research. Compensation: A competitive stipend, tuition paid, and health benefits. Qualifications: An M.S. degree in Entomology, Natural Resources, or related field. Individuals should have experience working with insects in laboratory and field situations. The department is looking to fill a position as early as spring semester, 2008. If interested, please contact the P.I.: Dr. Scott M. Salom, Department of Entomology, Virginia Polytechnic Institute & State

University, 216A Price Hall, MC 0319, Blacksburg, VA 24061. Phone: (540) 231-2794 and e-mail: salom@vt.edu . Suitable candidates will be encouraged to apply for admission at <http://www.grads.vt.edu/prospective/index.html> . Virginia Tech has a strong commitment to the principle of diversity, and in that spirit a broad spectrum of candidates is sought including women, people of color, and people with disabilities. Individuals with disabilities desiring accommodations in the application process should notify the Graduate School.

Prestigious van Eck Scholarships are available for graduate students (M.S. or Ph.D.) seeking training in forest pathology and restoration genetics. Students will join a research team dedicated to developing and implementing screening methods to evaluate butternut germplasm for resistance to butternut canker disease and to identify breeding stocks for the restoration of butternut to the eastern North American forest. Research will take place at The Hardwood Tree Improvement and Regeneration Center (HTIRC) at Purdue University. Qualifications: Candidates should have well developed quantitative skills and knowledge and experience in biological sciences such as forestry, horticulture, botany, plant pathology, genetics, or physiology. Candidates should have a GPA of at least 3.2 and a top-tier GRE score. Assistantships will be awarded at \$18,000 (M.S.) and \$20,500 (Ph.D.) per year. In addition, an annual research budget (\$10,000) will be available for research support and a laptop computer will be provided for the duration of the scholarship. Applications or Additional Information: For fall semester (August 2008), applications must be received by November 17, 2007 (M.S. and Ph.D.). Applicants must mail a short (one page) letter of interest, resume, cumulative GPA, GRE scores, TOEFL scores (international students only) and names and letters from three references to Dr. Keith Woeste (woeste@purdue.edu or kwoeste@fs.fed.us). Please see our web page www.HTIRC.org for more information. If selected for a van Eck Scholarship, you will be notified to make formal application to Purdue University. About HTIRC: HTIRC is a collaborative regional research organization of industry, state and federal agency and university partners, administratively located in the Department of Forestry and Natural Resources at Purdue University. Its purpose is to improve the genetic quality and regeneration success of North American hardwood tree species.

FHM Homepage: : www.fhm.fs.fed.us
or access via the USDA Forest Service homepage at www.fs.fed.us