

## AGENDA

20<sup>TH</sup> USDA INTERAGENCY RESEARCH FORUM ON INVASIVE SPECIES  
JANUARY 13-16, 2009

### Tuesday Afternoon, Jan. 13

3:00 – 6:00 pm **POSTER SESSION**

### Wednesday Morning, Jan. 14

**Moderator** – Max McFadden  
The Heron Group, Santa Fe, NM

**8:15 am – 12:00 pm**

8:15 Welcome – Michael McManus, USDA Forest Service,  
Emeritus, Hamden, CT

#### **OPENING KEYNOTE PRESENTATIONS**

- 8:30 Addressing invasive species around the globe and the science we need to do it. John Randall, The Nature Conservancy, University of California, Davis, CA
- 9:15 Re-thinking the economics of forest invasive species. Thomas Holmes, USDA Forest Service, Research Triangle Park, NC

**10:00-10:30 am BREAK**

**10:30 am – 12:00 pm RESEARCH REPORTS**

- 10:30 The SOD facts of life: Property value damage from sudden oak death in Marin County, CA. Kent Kovacs, University of Nevada, Reno, NV
- 10:50 Assessing the potential economic cost of emerald ash borer damage in the U.S. Robert Haight, USDA Forest Service, St. Paul, MN

11:10 'The emerald ash borer cost calculator' – a tool for urban foresters. Cliff Sadof, Purdue University, West Lafayette, IN

11:30 Current status of *Anoplophora* in Europe and an update on suppression efforts and lines of research. Franck Hérard, USDA ARS, European Biological Control Laboratory, Saint-Gély-du-Fesc cedex, France

**12:00 – 1:00 pm LUNCH**

### Wednesday Afternoon, Jan. 14

**1:00 – 3:00 pm – NORTHEAST REGIONAL BIOCONTROL PROJECT**

**Moderator** – Richard Casagrande  
University of Rhode Island  
Kingston, RI

- 1:00 Project overview, goals, participants. Richard Casagrande, University of Rhode Island, Kingston, RI
- 1:05 Status report: Winter moth. Joseph Elkinton, University of Massachusetts, Amherst, MA
- 1:10 Status report: Swallow-worts. Aaron Weed, University of Rhode Island, Kingston, RI
- 1:25 Status report: Garlic mustard. Luke Skinner, Minnesota Department of Natural Resources, St. Paul, MN
- 1:40 Status report: Mile-a-minute weed. Judy Hough-Goldstein, University of Delaware, Newark, DE
- 2:00 *Ailanthus* (Tree of heaven) update. Scott Salom, Virginia Tech, Blacksburg, VA

2:20 Japanese knotweed program. Fritz Grevstad, University of Washington, Long Beach, WA

2:40 Birch leafminer: success. Roger Fuester, USDA ARS, Newark, DE

**3:00 – 3:30 BREAK**

**3:30 pm – 5:00 pm RESEARCH REPORTS**

**Moderator** – Noel Schneeberger  
USDA Forest Service,  
Newtown Square, PA

3:30 Striking gold in southern California: discovery of the gold-spotted oak borer and its central role in oak mortality. Tom Coleman, USDA Forest Service, San Bernardino, CA

3:50 Research update on the brown spruce longhorn beetle. Jon Sweeney, Canadian Forest Service, Fredericton, New Brunswick

4:10 AGM – a re-emerging pest that poses a risk for North America and beyond. Michael Simon, USDA APHIS, Riverdale, MD

4:40 The situation with eucalyptus pests in EPPO countries: initiation of pathway risk analysis. Andrei Orlinski, European Plant Pest Organization, Paris, France

**5:00 – 6:00 pm POSTER SESSION**

**6:00 – 8:00 pm MIXER**

**Thursday Morning, Jan. 15**

**8:00 – 10:00 am – HEMLOCK WOOLLY ADELGID**

**Moderator** – Joseph Elkinton  
University of Massachusetts  
Amherst, MA

8:00 Cold tolerance and host-range comparisons between coastal and inland Pacific Northwest populations of *Laricobius nigrinus*. David Mausel, University of Massachusetts, Amherst, MA

8:20 *Laricobius osakensis*, a promising biological control candidate from Japan. Ashley Lamb, Virginia Tech, Blacksburg, VA

8:40 Genetics and conservation of hemlock species threatened by the hemlock woolly adelgid. Robert Jetton, Camcore – North Carolina State University, Raleigh, NC

9:00 Activity and persistence of systemics. Richard Cowles, Connecticut Agricultural Experiment Station, New Haven, CT

9:20 Observer bias and the detection of low-density infestations of hemlock woolly adelgid. Matt Fitzpatrick, The Harvard Forest, Petersham, MA

**9:40-10:10 am BREAK**

**10:10 am – 12:00 pm RESEARCH REPORTS**

**Moderator** – Michael Smith  
USDA ARS  
Newark, DE

10:10 Emerald ash borer in Russia. Yuri Baranchikov, V.N. Sukachev Institute of Forest, Krasnoyarsk, Russia

10:30 A space-time odyssey: Movement of gypsy moth and its entomopathogens. Ann Hajek, Cornell University, Ithaca, NY

11:00 Asian longhorned beetle successes and challenges in 2008. Julie Twardowski, USDA APHIS, Riverdale, MD

11:30 Using Asian longhorned beetle male-produced pheromone and host volatiles for monitoring. Maya Nehme, The Pennsylvania State University, University Park, PA

**11:50 – 1:00 pm LUNCH**

## **Thursday Afternoon, Jan. 15**

### **1:00 – 3:00 pm – INVASIVE PATHOGENS - INSIDIOUS THREATS**

**Moderator** – Kerry Britton  
USDA Forest Service  
Arlington, VA

- 1:00 Oak wilt in New York State. Margaret Miller Weeks, USDA Forest Service, Durham, NH
- 1:20 Thousand canker disease of black walnut. Ned Tisserat, Colorado State University, Fort Collins, CO
- 1:40 Economic impacts of oak wilt. Robert Haight, USDA Forest Service, St. Paul, MN
- 2:00 The behavior of *Phytophthora* in soil: implications for management. Nina Shishkoff, USDA ARS, Fort Dietrich, MD
- 2:20 Implication of global climate change on the distribution and activity of *Phytophthora ramorum*. Robert Venette, USDA Forest Service, St. Paul, MN
- 2:40 A proactive approach to prevent invasive pathogens. Kerry Britton, USDA Forest Service, Arlington, VA

### **3:00 – 3:30 pm BREAK**

### **3:30 – 5:00 pm RESEARCH REPORTS**

**Moderator** – Therese Poland  
USDA Forest Service  
East Lansing, MI

- 3:30 Volatile profiles and trap catches of two pine host species of the woodwasp, *Sirex noctilio*. Katalin Böröczky, The Pennsylvania State University, University Park, PA
- 3:50 Biological control of *Sirex noctilio* in North America by *Beddingia siricidicola*. David Williams, USDA APHIS, Buzzards Bay, MA

- 4:10 Green armor and cul-de-sac corridors: How protecting our surface waters can save biodiversity. Gavin Ferris, University of Delaware, Newark, DE

### **4:30 POSTER SESSION**

## **Friday Morning, Jan 16**

### **8:00 – 11:10 am EMERALD ASH BORER**

**Moderator** – David Lance  
USDA APHIS  
Buzzards Bay, MA

- 8:00 National program update. Paul Chaloux, USDA APHIS, Riverdale, MD
- 8:20 Manipulating spread and predicting dispersal of EAB. Nate Siegert, Michigan State University, East Lansing, MI
- 8:40 Ecological impacts of emerald ash borer in forests of southeast Michigan. Dan Herms, Ohio Agriculture Research and Development Center, Wooster, OH
- 9:00 Development and use of trapping and survey tools for EAB. Damon Crook, USDA APHIS, Buzzards Bay, MA
- 9:30 Biosurveillance: using native wasps to find emerald ash borers. Philip Careless, University of Guelph, Guelph, Ontario
- 9:50 Chemical and proteomic approaches to dissecting ash resistance to EAB. Enrico Bonello, Ohio State University, Columbus, OH
- 10:10 A grand SLAM: an integrated approach to slowing ash mortality. Deborah McCullough, Michigan State University, East Lansing, MI
- 10:30 Emerald ash borer biocontrol: program on rearing, releasing, and establishment. Leah Bauer, USDA Forest Service, East Lansing, MI

10:50 Release of *Spathius* and new agents found in Asia and North America. Juli Gould, USDA APHIS, Buzzards Bay, MA

11:10 Discussion

11:20 Closing Remarks