

WEDNESDAY MORNING, JANUARY 11, 2017

OPENING SESSION

8:15 a.m. – 12:00 p.m.

Moderator

Therese Poland
USDA FS, NRS, Lansing, MI

8:15 a.m. Welcome - Michael McManus, Emeritus Scientist
USDA FS, NRS, Hamden, CT

8:30 a.m. **Opening Keynote Presentations**

The role of species interactions in forest invasions. Susan Kalisz, University of Tennessee, Knoxville, TN

9:15 a.m. *Tamarix* biocontrol: The importance of science in setting a path out of regulatory dysfunction. Tom Dudley, University of California, Santa Barbara, CA

10:00 – 10:30 am **BREAK**

Research Reports

10:30 a.m. – 12:00 p.m.

Moderator:

Therese Poland
USDA FS, NRS, Lansing, MI

10:30 a.m. Non-native forest pests in the US – impacts and policy options. Gary Lovett, Cary Institute of Ecosystem Studies, Millbrook, NY

11:00 a.m. Informing efficient strategies to reduce pest risk from live plant imports. Rebecca Epanchin-Niell, Resources for the Future, Washington, DC

11:30 a.m. Might climate change lower invasion risk? David Gray, Natural Resources Canada, Fredericton, New Brunswick, Canada

11:50 a.m. – 1:00 p.m. **LUNCH**

WEDNESDAY AFTERNOON, JANUARY 11, 2017

Northeast Biocontrol Regional Project (NE-1332): Honoring 27 years of Leadership by Dick Reardon in Research and Implementation of Biological Control of Forest Pests

1:00 – 3:00 p.m.

Moderator:
Scott M. Salom
Virginia Tech University, Blacksburg, VA

- 1:00 p.m. Biological control of the winter moth in the Northeastern US. Joseph Elkinton, University of Massachusetts, Amherst, MA
- 1:15 p.m. The long term perspective of emerald ash borer biocontrol: Can introduced natural enemies protect North American ash in the aftermath forests of invasion?, Jian Duan, USDA ARS, Newark, DE
- 1:30 p.m. TBA . Ann Hajek, Cornell University, Ithaca, NY
- 1:45 p.m. The biological control effort for hemlock woolly adelgid: No one said that it would be easy. Scott Salom, Virginia Tech University, Blacksburg, VA
- 2:00 p.m. Global progress in the biological control of weeds. Mark Schwarzlander, University of Idaho, Moscow, ID
- 2:15 p.m. Biological control for invasive knotweeds (*Fallopia spp.*) in North America. Fritz Grevstad, Oregon State University, Corvallis, OR
- 2:30 p.m. A decade of using *Verticillium nonalfalfae* as a biocontrol of the invasive *Ailanthus altissimus* in the eastern US. Matt Kasson, West Virginia University, Morgantown, WV
- 2:45 p.m. Outrunning the invasive species treadmill: Integrating biological control and other management techniques to restore invaded sites. Ellen Lake and Judy Hough-Goldstein, University of Delaware, Newark, DE
- 3:00-3:30 p.m. **BREAK**

WEDNESDAY AFTERNOON, JANUARY 11, 2017

RESEARCH REPORTS

3:30 – 4:50 p.m.

Moderator
Noel Schneeberger
USDA FS, FHP, Newtown Square, PA

- 3:30 p.m. Range expansion of Southern Pine Beetle in the Northeast. Carissa Aoki, Dartmouth College, Hanover, NH
- 3:50 p.m. Parasitism of the black oak gall wasp on Cape Cod and Long Island. Monica Davis, University of Massachusetts, Amherst, MA
- 4:10 p.m. The impact of hybridization between native and non-native species on forest insect invasions. Nathan Havill, USDA Forest Service, Hamden, CT
- 4:30 p.m. TBA. Eckehard Brockerhoff. Scion, New Zealand Forest Research Institute, Christchurch, NZ

4:50 – 6:00 p.m. **POSTER SESSION**

6:00-8:00 p.m. **MIXER**

THURSDAY MORNING, JANUARY 12, 2017

8:00-10:00 a.m.

Forest *Phytophthora*: They get around.

Organized by IUFRO Working Party 7.02.09, *Phytophthoras* in Forests and Natural Ecosystems

Moderator:

Paul Tooley

USDA ARS, Fort Detrick, MD

- 8:00 a.m. *Phytophthora* in wildlands. Everett Hansen, Oregon State University, Portland, OR
- 8:30 a.m. Plant disease predictions for invasive soilborne *Phytophthora* species are consistent with host ecology and with genus-level co-evolutionary history. Laura Sims and Matteo Garbelotto, University of California, Berkeley, CA
- 9:00 a.m. *Phytophthora* foliar diseases on conifers: *Phytophthora pluvialis* in New Zealand and the USA. Rebecca Ganley, Scion, Rotorua, NZ
- 9:30 a.m. Tackling emerging forest *Phytophthoras* in the UK: Mitigating risk of new introductions and managing diseased landscapes for the future. Sarah Green, UK Forest Research, Midlothian, UK

10:00-10:30 a.m. **BREAK**

THURSDAY MORNING, JANUARY 12, 2017

10:30 a.m. – 12:00 p.m.

Invasive Organisms in Native Ecosystems: Effects on Structure and Function

Moderator:

Vince D'Amico

USDA FS, NRS, Newark, DE

- 10:30 a.m. Does multiflora rose invasion amplify tick-borne disease risk? Solny Adalsteinsson. Washington University in St. Louis, St. Louis, MO
- 10:50 a.m. Invasive plants in the understory and effects on soil nutrient cycling. Tara Trammel, University of Delaware, Newark, DE
- 11:10 a.m. Response of ground-dwelling arthropods to temporal patterns of ash mortality caused by the emerald ash borer. Kayla Perry, The Ohio State University, Columbus, OH

11:30 a.m. Interaction diversity: The best measure of invasive species impacts. Doug Tallamy, University of Delaware, Newark, DE

12:00 – 1:00 p.m. **LUNCH**

THURSDAY AFTERNOON, JANUARY 12, 2017

1:00 – 3:00 p.m.

Update on the Response to Spotted Lanternfly and Supporting Research in Pennsylvania

Moderator:

Sven-Erik Spichiger

PA Department of Agriculture, Harrisburg, PA

- 1:00 p.m. Update on spotted lantern fly program in Pennsylvania. Sven-Erik Spichiger, Pennsylvania Department of Agriculture, Harrisburg, PA
- 1:15 p.m. DNA-based investigations of the spotted lanternfly. Julie Urban, Pennsylvania State University, State College, PA
- 1:30 p.m. Investigating the host range of the spotted lanternfly (*Lycorma delicatula*) in southeastern Pennsylvania. Gregory P. Setliff, Dept. Biology, Kutztown University of Pennsylvania, Kutztown, PA
- 1:45 p.m. Spotted lanternfly and grapevines: Damage assessment and chemical control. Erica Smyers, Pennsylvania State University, State College, PA
- 2:00 p.m. Kairomones and trap technology for the spotted lanternfly, *Lycorma delicatula* (Hemiptera: Fulgoridae). Miriam Cooperband, USDA APHIS, Buzzards Bay, MA
- 2:15 p.m. Natural enemies of the spotted lanternfly in Asia and North America, Houping Liu, Pennsylvania Department of Conservation and Natural Resources, Harrisburg, PA
- 2:30p.m Efficacy and longevity of dinotefuran bark sprays to control the spotted lanternfly. Phil Lewis, USDA APHIS, Buzzards Bay, MA
- 2:45p.m. Semiochemicals and mating behavior of adult spotted lanternfly. Mike Domingue, and Tom Baker, Pennsylvania State University, State College, PA
- 3:00 – 3:30 p.m. **BREAK**

THURSDAY AFTERNOON, JANUARY 12, 2017

3:30 – 5:10 p.m.

Research Reports

Moderator:
Taylor Scarr
Natural Resources Canada, Sault Ste. Marie
Ontario, Canada

- 3:30 p.m. The uncertainty about attitude certainty about non-native insect control. Walter Kuentzel, University of Vermont, Burlington, VT
- 3:50 p.m. The new EU PREPSYS project: Working to understand and manage the risks of exotic buprestid beetles. Hugh Evans, Alice Holt Research Station, Farnham, Surrey, UK
- 4:10 p.m. Advantages to broadly targeted exotic species surveys. Jim Labonte, Oregon Department of Agriculture, Salem, OR
- 4:30 p.m. Acoustic methods of invasive species detection in produce shipments. Hady Salloum, Stevens Institute of Technology, Hoboken, NJ
- 4:50 p.m. Assessment of systems approach for the phytosanitary treatment of wood infested with invasive wood borers. Chris MacQuarrie. Natural Resources Canada, Great Lakes Forestry Centre, Sault Ste. Marie, Ontario, Canada

FRIDAY MORNING, JANUARY 13, 2017

8:00 a.m. – 11:30 p.m.

Research Reports

Moderator:

- 8:00a.m. Update on EPPO activities in forest quarantine. Andrei Orlinski, European and Mediterranean Plant Protection Organization, Paris, France
- 8:20 a.m. First Results of a multilure trapping program to detect exotic cerambycids at ports of entry in France. Alain Roques, INRA, Orleans, France
- 8:40 a.m. Evaluation of lure and trap design for monitoring the velvet longhorned beetle, *Trichoferus campestris*. Annie Ray, Xavier University, Cincinnati, OH
- 9:00 a.m. APHIS EAB national program update. Paul Chaloux, USDA APHIS, Riverdale, MD
- 9:20 a.m. Area wide pest management programs against emerald ash borer: Recent progress and challenges. Jian Duan, USDA ARS, Newark, DE
- 9:40 a.m. **BREAK**
- 10:00 a.m. Tracking the *Entomophaga maimaiga* Death Cloud. Ann Hajek, Cornell University, Ithaca, NY

10:20 a.m. Why is the gypsy moth the world's most prolific defoliator? Andrew Liebhold, USDA Forest Service, Morgantown, WV

10:40 a.m. Male lives matter: Biotic drivers of temporal and spatial change in the wing length of trap-captured gypsy moths. Dylan Parry, Syracuse University, Syracuse, NY

11:00 a.m. Concluding Remarks. Michael McManus