

16th Ornamental Workshop on Diseases and Pests



Entomology Program Kanuga Conference Center Hendersonville, NC September 22-26, 2008



Monday: September 22, 2006

4:00- 6:00 PM **Registration** (Kanuga Lake Inn, Cunningham Lobby)

6:00 – 7:00 Dinner

7:00 –10:00 Social & Entertainment (Waterfront Pavilion)

Tuesday morning: September 23

8:00 – 8:45 AM Breakfast

9:00 – 9:10 **Announcements** (Balthis-Rodwell Building)

9:10 – 9:20 **Welcome** -- Dr. James Moyer, Head, Department of Plant Pathology, NC State University, Raleigh

Plenary Session: "Ornamental Pests & Diseases – Vectors & Viruses" Steve Bambara, Moderator

9:20 – 10:05 **Vectors.** Raymond Cloyd, Department of Entomology, Kansas State University, Manhattan

10:05 – 10:50 **Viruses.** James Moyer, Department of Plant Pathology, NC State University, Raleigh

10:50 – 11:10 Break

11:10 – 12:15 **Joint poster session** (titles listed at end of program)

12:30 – 1:30 Lunch

Entomology Program – Gooch Building

[Note: Starting times and order of individual presentations are subject to variation.]

1:30 Neonics – As We Know Them Today. - Moderator, Casey Sclar. Longwood Gardens.
"Take the Blue Pill" – Casey Sclar Longwood Gardens

New Products and Product Changes.
Items: Recent pesticide changes
Old & New products

3:00 Break New Products Con't – Moderator, Dan Gilrein, Cornell University

Emamectin benzoate –Tree-äge
Flubendiamide
Chlorantraniliprole - Acelepryn

To add or not to add? Spreaders, Stickers and other adjuvants –
Resistance issues. Western Flower Thrips and others.

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Thursday morning: September 25

- 8:00 Breakfast
- (Gooch Building)
- 8:50 Discussion – Do You Have Control Issues? - Moderator, Scott Ludwig, TAMU
Armored scale and Obscure Problems– Frank Hale, UT
Eriophyid mites and their control in Oregon nurseries – Robin Rosetta, Oregon State
Other mite management
"Developing a rearing program for the dogwood borer: A tale of frustration, perseverance, and joy"– Daniel Frank, Virginia Tech
Dogwood Borer Life-history Answers and Questions – Chris Bergh, Virginia Tech
Peachtree Borer Mating Disruption – Robin Rosetta, Oregon State
Leps in Trees
- 10:15 Break
- 10:30 Potpourri -Moderator, Steven Frank, NCSU
Rose pests and who cares?
Current "Natural Disasters"
- Sustainability Topics
Off -target impacts of products.
Compatibility of new products with biologicals
Plant-Derived Essential Oil Products
- Useful and favorite references and resources for those who don't already know it all. Tell us what you use? –Dan Gilrein, Cornell
- 12:30 Lunch
- 1:30pm Potpourri continued –
Unique and Successful outreach projects in Landscape - Mary Kay Malinoski –U Maryland
Have we solved the Asian Ambrosia Beetle ProblemYet?
Your unsolved Mysteries
"Choosing a Fire Ant Insecticide in Nursery and Landscape". Steve Bambara, NCSU
- others
- 3:00 - Break
- 3:15 – 3:50 Open Forum
- Special Joint Session: Image management and Internet tools, Joe LaForrest, University of Georgia (Gooch Bldg)
- 4:00 Do you GIF a darn? Important graphics file information you should know. Joe LaForrest, UGA
- 4:30 Wiki Workshop. Using the Wiki as an Educational Tool in Ornamentals. Joe LaForrest, UGA
- 6:00 - Dinner
- 7:30 – 8:30 PM Best images: Entomology vs. Plant Pathology
- 8:30 – 10:30 Social (Kanuga Lake Inn – Johnson Fireplace Lounge/Rocking Porch)

Hosted by the Department of Entomology and the Department of Plant Pathology
College of Agriculture and Life Sciences
North Carolina State University

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Entomology Poster Titles

"Drenches and Injections of Systemic Insecticides against the Invasive Erythrina Gall Wasp, *Quadrastichus erythrinae* Kim (Hymenoptera: Eulophidae), Attacking Erythrina Trees in Hawaii"

- Arnold Hara, University of Hawaii

"A Who's Who Guide to Woodland L.B.J.s (Little Buprestid Jobbers)"

Formal Title: Southeastern U.S. species of the *Chrysobothris femorata* complex (Coleoptera: Buprestidae): Difficulties reconciling morphology and genetics of an economically important pest

-Jason Hansen, William Klingeman, Kevin Moulton, Jason Oliver, Mark Windham and Michael Reding

"Bite me! A tree trunk's perception of borer phylogeny"

Formal Title: Using genetic tools to investigate species complexity within both Dogwood and Lilac/Ash Clearwing Moth Borer Populations (Lepidoptera: Sesiidae)

-Jason Hansen, William Klingeman, Kevin Moulton, Jason Oliver, Mark Windham and Aijun Zhang

"Caterpillars and grasshoppers...Start y[O]ur Engines! From bug spit to biofuel?"

Formal Title: Screening urban and woodland arthropods for cellulolytic activity in digestive fluids.

-Oppert, C., W. Klingeman, J. Willis, B. Oppert, and Juan L. Jurat-Fuentes.

Plant Pathology Poster Titles (see Plant Pathology Program)

A special 'thank you' to the workshop sponsors:



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