



Agenda of the First National Conference on Protecting Pollinators in Ornamental Landscapes

October 12-14, 2015

Kanuga Conference Center

Hendersonville, North Carolina

Co-organized by:

Michigan State University Extension and North Carolina State University

**MICHIGAN STATE
UNIVERSITY** | Extension

NC STATE UNIVERSITY



First National Conference on Protecting Pollinators in the Ornamental Landscape

October 12, 2015

- 6:00 - 6:45 **Dinner**
- 6:45 - 7:00 **Opening Remarks**
- 7:00 - 7:30 *Stresses Faced by Bumblebees in Urban Landscapes*
Keynote: Dave Goulson, University of Sussex, United Kingdom
- 7:30 - 8:30 **Mixer**

October 13, 2015

- 8:00 - 8:45 **Breakfast**
- 8:45 - 9:45 **Function of Pollinators in Ornamental Landscapes**
- 8:45 - 9:15 *Understanding Wild Bee Biology to Guide Bee Conservation Strategies*
Keynote: Rufus Isaacs, Michigan State University
- 9:15 - 9:30 *Humans, Gardens, and Bees in the City*
Emily Minor, University of Illinois
- 9:30 - 9:45 *Pollination Services to Native Plants in Urban Landscapes*
Rebecca Irwin, North Carolina State University
- 9:45 - 10:00 **Break**
- 10:00 - 11:45 **Threats to Pollinators in Ornamental Landscapes**
- 10:00 - 10:30 *The Urban Pollinators Project*
Keynote: Jane Memmott, University of Bristol, United Kingdom
- 10:30 - 11:00 *Honey Bee Health: The Complex Web of Colony Decline*
Keynote: Kirsten Traynor, University of Maryland
- 11:00 - 11:15 *Beekeeping in the City: What Urban Living Means to Honey Bees*
David Tarpy, North Carolina State University
- 11:15 - 11:30 *Pathogens and Immune Function of Native Bees in Urban Areas*
Margarita Lopez-Urbe, North Carolina State University
- 11:30 - 11:45 **Discussion**
- 12:00 - 12:45 **Lunch**



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October 13, 2015

12:45 - 3:30

Pesticides and Pollinators

12:45 - 1:15

Pesticide Impacts on Pollinators in Complex Landscapes

Keynote: Nigel Raine, University of Guelph, Canada

1:15 - 1:30

Pesticides in the Landscape and Their Impacts on Honey Bee Colony Health

James Frazier, Penn State University

1:30 - 1:45

Valuing Neonicotinoids in the Turf and Ornamental Industry

Pete Nowak, University of Wisconsin-Madison

1:45 - 2:00

How Safe are Garden Center Plants for Pollinators in the Yard and Garden?

Dave Smitley, Michigan State University

2:00 - 2:15

Break

2:15 - 2:45

Bees, Pesticides & Politics: Challenges & Opportunities for the Green Industry

Keynote: Dan Potter, University of Kentucky

2:45 - 3:00

Non-Apis Bees and Pesticides: Are They Different From Honey Bees?

Cynthia Scott Dupree, University of Guelph, Canada

3:00 - 3:15

Unravelling Direct and Indirect Effects of Insecticides on Pollinators and

Natural Enemies in Managed Landscapes

Mike Raupp, University of Maryland

3:15 - 3:30

Discussion

3:30 - 4:00

Break

4:00 - 5:00

Industry Perspectives from our Sponsors

5:00 - 6:00

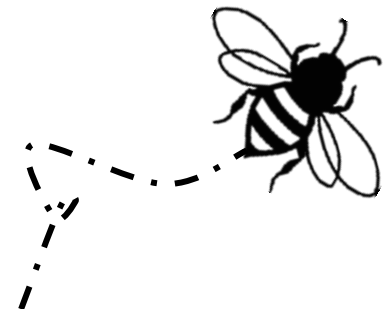
Break/Poster set-up

6:00 - 6:45

Dinner

7:00 - 8:30

Poster Session



October 14, 2015

8:00 - 8:45

Breakfast

8:45 - 10:00

Boots on the Ground: Efforts, Challenges, and Opportunities for Protecting Pollinators

8:45 - 9:00

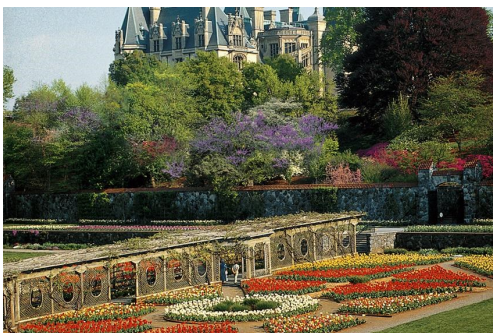
The Michigan Pollinator Initiative - Coordinating Growers, Beekeepers, Researchers, and Landowners for Michigan Pollinators

Meghan Milbrath, Michigan State University

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October 14, 2015

- 9:00 - 9:15 *American Floral Endowment: Laser-Focused on Floriculture Industry's Research Needs*
Terril Nell, American Floral Endowment
- 9:15 - 9:30 *Engaging the Public in Pollinator Conservation*
Dave Goulson, University of Sussex, United Kingdom
- 9:30 - 9:45 *Keep Off of the Stamen and Don't Tread on our Hives: Public Gardens Protect Pollinators*
Casey Sclar, American Public Gardens Association
- 9:45 - 10:00 Discussion
- 10:00 - 10:15 Break
- 10:15 - 11:45 Educating the Public**
- 10:15 - 10:45 *Consumer Perceptions of Insect Management Strategies during Ornamental Flower Production*
Keynote: Kristin Getter, Michigan State University
- 10:45 - 11:00 *Reaching the Public – Master Gardener Citizen Science and Outreach*
Connie Schmotzer, Penn State University
- 11:00 - 11:15 *If You Plant It, They Will Come: A Multi-faceted Extension Program Enhances Pollinator Conservation and Economic Development*
Debbie Roos, North Carolina State University
- 11:15 - 11:30 *Attracting and Preserving Pollinators Through Sustainable Gardening*
Susan Varlamoff, University of Georgia
- 11:30 - 11:45 Discussion
- 11:45 - 12:00 Break
- 12:00 - 12:45 Lunch**
- 1:00- 5:30 Optional: Biltmore Gardens Horticultural Tour (Limited to 40 participants!)**



Participants will have the opportunity to visit the nationally-renowned Biltmore Gardens. Attendees will first have a one-hour horticultural tour to learn about how the Gardens address pest management and considers pollinator habitats. Participants will then have a two-hour self-guided visit inside the Biltmore house, gardens, conservatory, antler hill village & farm, the legacy exhibit, and the winery. The bus will depart at 5:00 pm and return participants back to the Kanuga Conference Center.

6:00 - 6:45 Dinner (for those staying overnight)