

Schedule of Presentations (version 10/3)

Wednesday, Oct. 15th

8:30 – 10:00 a.m.

SALON E

Symposium: Invasive Exotics Prevention: Invasive Risk Assessments - Current Trends

Host Doria Gordon

8:30-9:00 Will climate change affect weed risk assessments? **Sarah Reichard**

9:00-9:30 Accuracy and implications of implementing the Australian Weed Risk Assessment for the U.S.
Doria Gordon

9:30-10:00 The revision of Quarantine 37 (Q-37); addressing the risks associated with the importation of plants for planting. **Christa Speekmann**

BRENTWOOD/FRANKLIN

Symposium: Karst Ecosystem Management: Cave and Karst Ecological Resources Management.

Host Cory Holiday

8:30-9:00 Contemporary international perspectives in karst resource management and case study from China and Kentucky. **Chris Groves**

9:00-9:30 Tennessee bat work. **Andrea English**

9:30-10:00 Managing subterranean biodiversity. **Julian Lewis**

JACKSON

Symposium: Forest Health: Introduced Forest Insects and Pathogens

Host Faith Campbell

8:30-9:00 Alien forest insects: recent arrivals, impacts, and management efforts. **Robert Haack**

9:00-9:30 Efforts made by departments of agriculture to survey for, delimit, eradicate or suppress exotic forests pests in the United States. **Gray Haun**

9:30-10:00 Addressing exotic forest pest problems through multi-agency, multidisciplinary cooperation.
Scott Schlarbaum

SALON A/B

Symposium: Urban Natural Areas: People and Urban Natural Areas

Host Sandy Bivens

8:30-9:00 No child left inside: How the children in nature movement protects natural areas. **Vera Vollbrecht** and **Ken Voorhis**

9:00-9:30 Volunteers and partnerships... much more than just free labor. **Mary Travaglini**

9:30-10:00 Urban natural areas as "living laboratories" for universities. **Darlene Panvini**, **Steve Murphree** and **Denise Due-Goodwin**

TENNESSEE A

Symposium: Invasive Exotics Management and Control: Partnerships Equal Success

Host Nelroy Jackson

8:30-9:00 National Invasive Species Council and partnering. **Chris Dionigi**

9:00-9:30 Be Plantwise: a national partnership to prevent the spread of invasive species across the urban/wildland interface. **Damon Waitt**

9:30-10:00 Team Arundo – a local partnership – and NIWAW (National Invasive Weed Awareness Week) – a national partnership. **Nelroy Jackson**

TENNESSEE B

Symposium: Conserving Rare Elements

Host Patricia Cox

- 8:30-9:00 Global climate change, Endangered Species Act, and rare elements: How do they relate? **Patricia Cox**
- 9:00-9:30 An overview of the All Taxa Biodiversity Inventory (ATBI). **Peter White**
- 9:30-10:00 Landscape America: The conservation guide to America's natural places. **Milo Pyne**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

- Seminar:** Land Trust Alliance: Conservation Easements: Keys to Permanence
- Instructors** Leslie Ratley-Beach
Laurel Florio
- 8:30-10:00

10:30-12:00

SALON E

- Symposium:** Invasive Exotics Prevention: Successful Prevention of Invasives from Anthropogenic Pathways
- Host** Sarah Reichard
- 10:30-11:00 Pet projects: Pet industry initiatives to minimize the introduction of invasive species into natural areas. **Jamie Reaser**
- 11:00-11:30 Prevention of invader spread using commonsense strategies to manage control and research efforts, visitors, and development projects: National Park Service and conservation groups on Maui, Hawaii. **Jeremy Gooding**
- 11:30-12:00 Prevention strategies for limiting spread of aquatic invasive species by recreational boaters. **Reuben Keller**

BRENTWOOD/FRANKLIN

- Symposium:** Karst Ecosystem Management: Cave and Karst Ecological Resources Management.
- Host** Cory Holiday
- 10:30-11:00 Useage and management practices for caves and karst for the Southeastern Cave Conservancy, Inc. **Bill Overton**
- 11:00-11:30 Why cave gates and why cave restoration? – The real reason for gating a cave. **Chris Clark**
- 11:30-12:00 On the backs of serpents: Prehistoric cave art in the southeast of North America. **Jan Simek**

JACKSON

- Symposium:** Forest Health: Hemlock Woolly Adelgid
- Host** Rusty Rhea
- 10:30-11:00 Biology and life cycle of the hemlock woolly adelgid in the southern Appalachians: Growing up southern. **Jerome Grant**
- 11:00-11:30 Impacts of hemlock woolly adelgid in Great Smoky Mountains National Park: Documented and projected. **Kristine Johnson**
- 11:30-12:00 Management of hemlock woolly adelgid: Current methods. **Rusty Rhea**

SALON A/B

- Workshop:** Urban Natural Areas: Issues for Urban Natural Areas Managers
- Facilitator** Pete Colverson
- 10:30-12:00 Bob Parrish, Julia Grant and Dave Borneman

TENNESSEE A

- Symposium:** Invasive Exotics Management and Control: Partners in Action
- Host** Tony Pernas
- 10:30-11:00 National Park Service – Exotic Plant Management Teams: Swing your partner... **Rita Beard**
- 11:00-11:30 Florida's Upland Invasive Exotic Plant Management Program: The first ten years. **Greg Jubinsky**
- 11:30-12:00 Hawaii's invasive species partnerships: Providing wise guidance and effective action in an invaders' paradise. **Lloyd Loope**

TENNESSEE B

Symposium: **Conserving Rare Elements**

Host **Milo Pyne**

10:30-11:00 Conserving rare bryophytes. **Paul Davison**

11:00-11:30 Conservation and monitoring of rare dragonflies. **Ken Tennesen**

11:30-12:00 Inventory and conservation of natural communities. **Milo Pyne**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

Seminar: **Land Trust Alliance: Conservation Easements: Keys to Permanence**

Instructors Leslie Ratley-Beach

Laurel Florio

10:30-12:00

1:30 – 3:00

SALON E

Symposium: **Invasive Exotics Prevention: Promoting Voluntary Codes of Conduct by Engaging the Right Partners.**

Host **Valerie Vartanian**

1:30-2:00 Promoting voluntary codes of conduct by engaging the right partners. **John Peter Thompson**

2:00-2:30 Status of the voluntary codes of conduct in Hawai'i. **Christy Martin**

2:30-3:00 Plants for a Livable DELAWARE. **Faith Kuehn**

BRENTWOOD/FRANKLIN

Session: **Ecological Restoration**

Moderator **Nelroy Jackson**

1:30-2:00 Green infrastructure planning on an active industrial military installation. **John Krupovage**

2:00-2:30 Functional quality of mitigation wetlands versus natural wetlands: Are wetland functions lost to development replaced by mitigation wetlands? **Scott Namestnik**

2:30-3:00 Dormant Season Control of Japanese Honeysuckle Using Herbicides and Pentrabark. **Thomas G. Barnes**

JACKSON

SALON A/B

Session: **Urban Natural Areas**

Moderator **Bob Parrish**

1:30-2:00 Effect of removal of the invasive species *Lonicera maackii* on the size distribution of woody vegetation in a middle Tennessee natural area. **Steve Baskauf**

2:00-2:30 Utilizing Geographic Information Systems (GIS) for natural area conservation: A case study of Radnor Lake State Natural Area, Nashville, Tennessee. **James Russ**

2:30-3:00 Interpretation for Management. **Pete Colverson**

TENNESSEE A

Workshop: **Invasive Exotics Management and Control: Cooperative Weed Management Areas**

Facilitator(s) **Kate Howe, Janet Clark**

1:30-3:00 Carmen Chapin, Judy Dumke, Chris Evans, Doug Johnson

TENNESSEE B

Session: **Conserving Rare Elements**

Moderator **Patricia Cox**

1:30-2:00 Smith's longspur winter landing at Arkansas airports. **William Holimon**

2:00-2:30 Do shrubland birds prefer shrubland habitat in a highly modified landscape? **Neil Gifford**

2:30-3:00 Floristic inventory of tallgrass prairie remnants in the Grand Prairie region of the Mississippi alluvial plain: A baseline for restoration efforts. **C. Theo Witsell**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

Seminar: Land Trust Alliance: Conservation Easements: Keys to Permanence

Instructors Leslie Ratley-Beach
Laurel Florio

1:30-3:00

3:30-5:00

SALON E

Workshop: Invasive Exotics Prevention: How to Build an Effective Partnership

Facilitator: Sarah Reichard

3:30-5:00 Christy Martin, Faith Kuehn, Valerie Vartanian, John Peter Thompson

BRENTWOOD/FRANKLIN

Session: Conservation On-the-Ground

Moderator Clint Stroehrmeyer

3:30-4:00 Mainstreaming communication, education and awareness in biodiversity conservation policies in Nepal. **Deependra Joshi**

4:00-4:30 Assessment of vegetation change in the Loxahatchee River and its major tributaries, southeast Florida. **Richard Roberts**

4:30-5:00 Conservation significance of America's newest system of protected areas: The National Landscape Conservation System. **Jeff Jarvis**

JACKSON

Panel: Forest Health: Firewood

Facilitator Faith Campbell

3:30-5:00 Carol DiSalvo, Jerry Carlson, Carey Tichenor

SALON A/B

Symposium: Natural Areas Conservation by Land Trusts

Host Renee Kivikko;

3:30-4:00 Protection through collaboration: Building a landscape protection effort. **Hugh Archer**

4:00-4:30 Butterfly recovery: A case study in collaboration. **Nate Fuller**

4:30-5:00 Conservation toolbox: Using conservation easements for natural areas protection. **Renee Kivikko**

TENNESSEE A

Session: Invasive Exotics Management and Control: Using Volunteers and Partners

Moderator Steve Manning

3:30-4:00 Improving invasive alien plant management through partnerships. **Louise Stafford**

4:30-5:00 Volunteer programs are an essential aid in controlling invasive plants. **James Akerson**

5:00-5:30 Exotic plant management through cooperation and collaboration: The foundation for success. **Curt Deuser**

TENNESSEE B

Session: Invasive Exotics Tools

Moderator Chuck Bargeron

3:30-4:00 A user-oriented approach to invasive species data aggregation, mapping and decision-making for all taxa. **Meg Wilkinson** and **Gary Knight**

4:00-4:30 Bugwood: tools for invasive species and forest health management. **Keith Douce**

4:30-5:00 Predictive mapping to support early detection of invasive plants. **Doug Johnson**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

Tennessee Land Trusts Network Meeting

3:30-5:00

5:00 – 7:00 p.m.

POSTER SESSION

Friday, October 17th

8:30 – 10:00 a.m.

JACKSON

Symposium: Invasive Exotics Early Detection Rapid Response (EDRR)

Host Les Mehrhoff

8:30-9:00 2008 update on development of the U.S. National Early Detection and Rapid Response system for invasive plants. **Randy Westbrook**

9:00-9:30 The Invasive Plant Atlas of New England: A regional approach to early detection of potentially invasive plants. **Les Mehrhoff**

9:30-10:00 Toward a collaborative statewide program of early detection in Hawaii. **Lloyd Loope**

TENNESSEE A

Symposium: Global Conservation Issues

Host Ellis Bacon

8:30-9:00 Ants rule the world, but will they rule the world after climate change? **Nate Sanders**

9:00-9:30 Modeling potential impacts of climate change on bird habitats in the eastern United States. **Steve Mathews**

9:30-10:00 Ohio, the Nation, the World: All Together Now! **Phyllis Windle**

TENNESSEE B

Symposium: Invasive Exotics Impacts from 30,000 feet

Host Doug Tallamy

8:30-9:00 Economic costs of invasive plants: Control and management strategies to reduce total impacts. **Reuben Keller**

9:00-9:30 Morphing American landscapes: Will there be any 'natural areas' left in 50 years? **Scott Schlarbaum**

9:30-10:00 Invasive exotic vertebrates in continental North America: Diversity, dispersion, impacts, and ecosystem dynamics. **Jerry Jackson**

SALON E

Symposium: Grassland Ecosystem Management: Grasslands of the Southeast – An Overview.

Host Terri Hogan

8:30-9:00 Introduction to southeastern native grasslands (and what about that squirrel?). **Milo Pyne**

9:00-9:30 The grasslands of Tennessee. **Dwayne Estes**

9:30-10:00 Cedar glades and xeric limestone prairies of the eastern United States. **Jerry Baskin**

SALON A/B

Symposium: Invasive Exotics Management and Control: Biocontrol

Host Bernd Blossey

8:30-9:00 Biological control of introduced plants: Rationale, procedures and pitfalls. **Bernd Blossey**

9:00-9:30 Host specificity screening: Basic principles and future outlook. **Harriet Hinz**

9:30-10:00 Direct and indirect non-target effects in biological weed control programs in North America. **Mark Schwarzlaender**

BRENTWOOD/FRANKLIN

Symposium: Freshwater Ecosystem Management: Aquatic Diversity in the Southeastern U.S.

Host Peggy Shute

- 8:30-9:00 Overview of aquatic biodiversity and patterns of imperilment in the southeastern United States. **David Etnier**
- 9:00-9:30 Managing aquatic systems - conflicts between human needs and conserving the southeast's aquatic biodiversity. **Peggy Shute**
- 9:30-10:00 Cooperative conservation and restoration of the barrens topminnow (*Fundulus julisia*) on the eastern highland rim, Tennessee. **Geoff Call**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

- Workshop: State Natural Areas: Natural Area Survival Kit**
- Host: Karen Smith**
- 8:30-9:00 Selling and building a natural area program. **Michael Warriner**
- 9:00-9:30 Policies, procedures, and protection. **Charlotte McCurdy**
- 9:30-10:00 Performance measures. **Curt Pavola**

10:30 – 12:00 p.m.

JACKSON

- Panel: Invasive Exotics EDRR: Invasive Species Mapping – Trends and Data Sharing**
- Facilitator: Chuck Bargeron**
- 10:30-12:00 Chuck Bargeron, Chris Evans, John Madsen, Mark Skinner, Georgianna Strode, Jil Swearingen, Damon Waitt, Meg Wilkinson, Amos Ziegler

TENNESSEE A

- Symposium: Global Conservation Issues**
- Host: Ellis Bacon**
- 10:30-11:00 A highway runs through it. **Bonnie Harper-Lore**
- 11:00-11:30 Exotic species and bioenergy: Potential for introducing or spreading invasive plants. **Joseph DiTomaso**
- 11:30-12:00 **OPEN**

TENNESSEE B

- Symposium: Invasive Exotic Species Impacts on Food Webs**
- Host: Faith Campbell**
- 10:30-11:00 Impact of alien plants on native insect communities. **Doug Tallamy**
- 11:00-11:30 Ecological consequences of exotic earthworm invasions: Forest decline syndrome. **Cindy Hale**
- 11:30-12:00 Reproductive success of chestnut-collared longspur in native and exotic grassland. **John Lloyd**

SALON E

- Symposium: Grassland Ecosystem Management: Managing Grasslands with Prescribed Fire.**
- Host: Terri Hogan**
- 10:30-11:00 The perpetual forest: Using an undesirable species to bridge restoration. **Kay Kirkman**
- 11:00-11:30 Collaborative landscape-scale fire restoration management and planning in the Boston Mountains, Arkansas. **McRee Anderson**
- 11:30-12:00 Grassland responses to fire, grazing and climate: How long-term research can contribute to management of grasslands in a changing world. **John Blair**

SALON A/B

- Workshop: Invasive Exotics Management and Control: Tools and Techniques**
- Facilitators: Steve Manning and Lee Patrick**
- 10:30-12:00

BRENTWOOD/FRANKLIN

- Symposium: Freshwater Ecosystem Management: Managing for Aquatic Biodiversity in the Southeastern U.S. – Case Studies**
- Host: Peggy Shute**
- 10:30-11:00 Cooperative conservation- The Green River, Kentucky example. **Richie Kessler**

- 11:00-11:30 Predicting consequences of future changes in flow regimes on aquatic biodiversity: A landscape-scale modeling approach. **Mary Freeman**
- 11:30-12:00 Pigeon River: A cooperative project to aid the return of aquatic life. **Joyce Coombs**

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

Workshop: State Natural Areas: Endurance Tests: Selling a Natural Areas Program

Host: Karen Smith

10:30-11:00 Advocacy and “Friend-raising”.

11:00-11:30 Importance of Natural Areas as Research Sites. **Patti Faulkner**

11:30-12:00 Innovations in Arkansas. **Jennifer Akin**

1:30 – 3:00 p.m.

JACKSON

Session: Invasive Exotics EDRR and Prevention

Moderator: Les Mehrhoff

1:30-2:00 Learning by doing: Maryland’s EDRR effort for wavyleaf basketgrass. **Kerrie Kyde**

2:00-2:30 Predicting invasion patterns of two exotic invaders in a forest ecosystem. **Nitesh Tripathi**

2:30-3:00 New invaders watch program: An early detection and rapid response network. **Debbie Maurer**

TENNESSEE A

Symposium: Global Conservation Issues

Host: Ellis Bacon

1:30-2:00 RSim: A regional simulation software environment for exploring the impacts of resource use and constraints. **Michael Berry**

2:00-2:30 Modeling the effects of strong seasonality on the spatial synchronization of raccoon rabies epidemics. **Scott Duke-Sylvester**

2:30-3:00 Assessing alternative management strategies under uncertainty: An example from Everglades restoration planning. **Louis Gross**

TENNESSEE B

Session: Invasive Exotics Impacts

Moderator: Doug Tallamy

1:30-2:00 Exotic invasive knotweeds (*Fallopia* spp.) negatively affect native plant and invertebrate assemblages in European riparian habitats. **Esther Gerber**

2:00-2:30 Seeding effectiveness and natural regeneration of Mojave Desert plant communities after 2005 wildland fires. **E. Cayenne Engel**

2:30-3:00 Red-imported fire ants (*Solenopsis invicta*) as an agent of pedoturbation in saline barrens of southern Arkansas. **Michael Warriner**

SALON E

Session: Grassland Ecosystem Management

Moderator: Geoff Call

1:30-2:00 Tennessee Wildlife Resources Agency programs to restore grassland and shrubland communities. **Roger Applegate**

2:00-2:30 Status of grasslands of the Central Hardwoods Bird Conservation Region and the birds that depend upon them. **Jane Fitzgerald**

2:30-3:00 Arnold Air Force Base: A case study of barrens habitats in the Central Hardwoods Bird Conservation Region. **John Lamb**

SALON A/B

Session: Invasive Exotics Management and Control: Biology

Moderator: Lee Patrick

1:30-2:00 Prospects for the classical biological control of the environmental weed *Alliaria petiolata* (garlic)

mustard). **Harriet Hinz**
2:00-2:30 Towards the biological control of Japanese knotweed in North America. **Richard Shaw**
2:30-3:00 OPEN

BRENTWOOD/FRANKLIN

Session **Invasive Exotics Management and Control**
Moderator **Tony Pernas**
1:30-2:00 The largest weed digital aerial sketch mapping project in the universe: Unless you can prove us wrong! **Tony Pernas**
2:00-2:30 Incorporating fire into an integrated pest management plan for *Lygodium japonicum* (Japanese climbing fern). **E. Corrie Pieterse**
2:30-3:00 OPEN

REGIONS BANK BUILDING – FINANCIAL CENTER AUDITORIUM

Symposium: **Protected Areas Databases: The Next Generation**
Host **Kim Herman**
1:30-2:00 Building the next generation of protected lands inventories for the United States. **Larry Orman**
2:00-2:30 Utilizing a new online tool (www.landscape.org <http://www.landscape.org/>) to access national and local scale protected area and priority area maps for conservation. **Heather Rorer**
2:30-3:00 Michigan DNR's approach to selecting biodiversity stewardship areas (representative functional landscapes) on 4.6 million acres of state land using a state level protected areas database. **Glenn Palmgren**

3:30 – 5:00 p.m.

JACKSON

Session: **Invasive Exotics EDRR and Prevention**
Moderator **David Moorhead**
3:30-4:00 Occupation, spread, impacts, and mitigation of Chinese tallowtree in the southern United States. **Jianbang Gan**
4:00-4:30 Invasive plant responses to silvicultural practices. **David Moorhead**
4:30-5:00 Python patrol: Involving non-traditional partners in early detection and rapid response. **Alison Higgins**

TENNESSEE A

Session: **Global Conservation Issues**
Moderator **Melinda Welton**
3:30-4:00 Conservation stewardship expanding protected areas and mitigating for climate change in the Western Cape, South Africa. **Kerry Purnell** and **Chris Martens**
4:00-4:30 Tree mortality and climate change in a Highland Rim karst swamp: Sinking Pond, Coffee County, Tennessee. **William Wolfe**
4:30-5:00 The genetically altered forest. **Gena Fleming**

TENNESSEE B

Session: **Invasive Exotics Impacts**
Moderator **Faith Campbell**
3:30-4:00 Response of native and invasive plants to removal of *Lonicera maackii* in a successional forest. **Troy Evans**
4:00-4:30 The importance of who you are: How native and introduced plants structure aquatic and forest communities. **Bernd Blossey**
4:30-5:00 Impacts and control of the invasive species red bartsia (*Odontites verna*) in tall grass prairie remnants in Manitoba. **Brad Kennedy**

SALON E

Session: **Grassland Ecosystem Management**

Moderator **Dwayne Estes**
3:30-4:00 Rehabilitation of native prairie remnants in the northern Great Plains. ***Matt Bahm***
4:00-4:30 Capturing and reporting optimal frequency measures in tallgrass prairie as a surrogate measure of density. ***Michael DeBacker***
4:30-5:00 Spatial patterns and the changes in underlying heterogeneity of remnant prairies in southern Wisconsin. ***Carrie Read***

SALON A/B

Session: **Invasive Exotics Management and Control: Making it Happen On-the-Ground**
Moderator **Nate Fuller**
3:30-4:00 Invasive species prioritization and management at a state-wide land trust. ***Julie Richburg***
4:00-4:30 Necessity of both site-based and weed-based invasive plant control. ***Marc Imlay***
4:30-5:00 Developing and implementing a management plan to successfully maintain emergent invasive vegetation frequency and distribution within a natural ecosystem. ***David Riddell***

BRENTWOOD/FRANKLIN

Forum: **NAEPPC Forum: EPPCs Across the Country: Accomplishments and Potential**
Facilitator **Doug Johnson**
3:30-5:00 Jil Swearingen, Damon Waitt, Amy Ferriter, Kate Howe and Tony Pernas