



## 2010 TEXAS PLANT CONSERVATION CONFERENCE WEDNESDAY, SEPTEMBER 15, 2010

- 11:00 am**      **Conference Registration**
- Noon**            **Welcome**
- 12:15**            **Bracted Twistflower (*Streptanthus bracteatus*): The Ecology of a Rare Texas Endemic**  
Wendy J. Leonard<sup>1,2</sup> and O.W. Van Auken<sup>1</sup>  
<sup>1</sup>Department of Biology, The University of Texas-San Antonio  
<sup>2</sup>City of San Antonio Parks and Recreation, Natural Areas
- 12:45**            **Light Requirements of Bracted twistflower (*Streptanthus bracteatus*)**  
Norma Fowler  
Section of Integrative Biology, University of Texas-Austin
- 1:30**            **The Bracted Twistflower, *Streptanthus bracteatus*: from Genetic Observations to Conservation Recommendations**  
Alan Pepper<sup>1</sup>, Ryan Williams<sup>1</sup>, Maria Dixon<sup>1</sup>, Ross Bee and Dana Price<sup>2</sup>  
<sup>1</sup>Department of Biology, Texas A&M University  
<sup>2</sup>U.S. Army Corps of Engineers, Environmental Resources Section, Albuquerque District
- 2:00**            **Population Biology, Habitat Description, Delineation and Conservation of Terlingua Creel Cat's-Eye (*Cryptantha crassipes*)**  
Maria T. Williams<sup>1</sup>, and Bonnie J. Warnock<sup>2</sup>  
<sup>1</sup>Department of Natural Resource Management  
<sup>2</sup>Sul Ross State University-Alpine
- 2:30**            **BREAK**
- 2:45**            **An Assessment of the Remnant Tallgrass Prairies/Native Grasslands in Four Ecoregions of Texas**  
James S. Alderson<sup>1</sup>, and J. Ryan Hammons<sup>2</sup>  
<sup>1</sup> Native Prairies Association of Texas  
<sup>2</sup>Ecosystem Science and Management, Texas A&M University

- 3:15**      **Seed Production Comparison of Three Eastern Gamagrasses in East Texas**  
R. Alan Shadow, USDA/NRCS Soil Conservationist  
East Texas Plant Materials Center
- 3:45**      **Session ends**
- 4:00**      **Poster Session & Social Hour**
- 6:00 pm**    **Dinner on your own**



## THURSDAY, SEPTEMBER 16, 2010

- 8:00**            **Conference Registration**
- 9:00**            **Keynote Address**  
**Rivers and Woody Plants on the Edwards Plateau: Is There a Connection?**  
Bradford Wilcox<sup>1</sup>  
<sup>1</sup>Department of Ecosystem Science and Management, Texas A&M University
- 10:00**            **Reproductive Biology of the Hill Country Wild Mercury (*Argythamnia aphoroides*,  
*Euphorbiaceae*) in Brown County, Texas**  
Bonnie B. Amos<sup>1</sup>, Jeff Masters<sup>2</sup>, and Kayla Ehrman<sup>3</sup>  
<sup>1</sup>Department of Biology, Angelo State University, San Angelo  
<sup>2</sup>Department of Biology, University of Louisville, Louisville  
<sup>3</sup>University of North Texas Health Science Center
- 10:30**            **BREAK**
- 11:00**            **Rescuing the Endangered Texas Poppy-Mallow (*Callirhoe scabriuscula*)**  
Jackie Poole<sup>1</sup>, Bonnie Amos<sup>2</sup>, Minnette Marr<sup>3</sup>, Cullen Hanks<sup>1</sup>, David Sullivan<sup>2</sup>, Marisol  
Sullivan<sup>2</sup>, Karne Langridge<sup>3</sup>, Hollie Laqua<sup>2</sup>, and Sean Watson<sup>3</sup>  
<sup>1</sup>Texas Parks and Wildlife Department, Austin  
<sup>2</sup>Department of Biology, Angelo State University, San Angelo  
<sup>3</sup>Lady Bird Johnson Wildflower Center at the University of Texas-Austin
- 11:30**            **An Introduction to the Aspens of Texas: The Rarest of Them All?**  
James C. Zech  
Department of Biology, Sul Ross State University
- 12:00**            **LUNCH**
- 2:00**            **Botanical Guardians and the Native Plant Initiative at the State Botanical Garden of  
Georgia**  
Heather Alley<sup>1</sup> and Melissa Caspary<sup>1&2</sup>  
<sup>1</sup>State Botanical Garden of Georgia  
<sup>2</sup>Odum School of Ecology, University of Georgia-Athens

**2:30**            **Going Green in Texas—Environmental Costs of Implementing Wind Energy Development**

Karen H. Clary

Wildlife Habitat Assessment Program, Texas Parks and Wildlife Department

**3:00**            **Session ends**

**Dinner on your own**



## FRIDAY, SEPTEMBER 17, 2010

- 9:30**            **Post-Harvest Regrowth and Mortality of *Lophophora williamsii* (Peyote) in situ in a South Texas Population**  
M. Terry,<sup>1,2</sup> K. Trout,<sup>2</sup> B. Williams,<sup>2</sup> and T. Herrera<sup>3</sup>  
<sup>1</sup> Sul Ross State University  
<sup>2</sup> Cactus Conservation Institute  
<sup>3</sup> Native American Church of the Rio Grande
- 10:00**            **The Importance of Timing in Management: Unexpected Seasonal Effects Resulting from Prescribed Fire**  
Steve Windhager and Mark Simmons  
Lady Bird Johnson Wildflower Center at the University of Texas-Austin
- 10: 30**            **BREAK**
- 11:00**            **Creating a Successful Citizen Science Model to Detect and Report Invasive Species**  
H. Travis Gallo and Damon Waitt  
Lady Bird Johnson Wildflower Center at the University of Texas-Austin
- 11:30**            **Session ends**
- 2:00 pm**            **Texas Plant Conservation Alliance meeting**
- 4:00 pm**            **Session ends**