



Texas Society for Ecological Restoration

TXSER 2016 Annual Conference: Linking Science & Practice

November 11-13, 2016

**Camp Cho-Yeh
Livingston, Texas**

**Friday Field Trips & Opening Dinner
Friday, November 11, 2015**

9:00 am – 5:00 pm	Field Trip 1. The Nature Conservancy’s Roy E. Larsen Sandyland Sanctuary Meet in the parking lot of Camp Cho-Yeh’s Retreat Center at 9am for a 9:15 departure. Leaders: Charlotte Reemts, TNC & Shawn Benedict, TNC Brown Bag Lunch Provided.
12:30 pm – 5:00 pm	Field Trip 2. Centennial Forest & Big Thicket National Preserve Meet in the parking lot of Camp Cho-Yeh’s Retreat Center at 12:30 for a 12:45 departure. Leader – Kelly Lyons, Trinity University & Kane Fashbaugh, National Park Service
12:45 am – 5:00 pm	Field Trip 3. Pineywoods Mitigation Bank Meet in the parking lot of Camp Cho-Yeh’s Retreat Center at 12:45 for a 1pm departure. Leaders: Bill Forbes, Stephen F. Austin State University & Cliff Sunda, Wildwood Environmental Credit Company
12:00 pm – 5:50 pm	Registration Open – Annex, Pine Room Dining Hall, Camp Cho-Yeh Retreat Center
5:30 pm – 6:00 pm	Student & Young Professionals’ Social Annex, Pine Room Dining Hall
6:00 pm – 6:30 pm	Drinks & Appetizers Porch, Pine Room Dining Hall
6:30 pm	Opening Dinner – Porch & Pine Room Dining Hall
Post Dinner –	Campfire & S’mores Retreat Center Trail

Saturday, November 12, 2016

**Welcome & Keynote Address
Meeting Room #3, Camp Cho-Yeh Retreat Center**

8:00 am	Welcome and Introduction Charlotte Reemts, TXSER Board President
8:30 am	Keynote Address: <i>Advancing Longleaf Pine Ecosystem Conservation in East Texas</i> Wendy Ledbetter, Forest Program Manager, The Nature Conservancy, Silsbee, TX
9:30 am	Coffee Break - Porch, Camp Cho-Yeh Retreat Center

Saturday, Morning Session – Meeting Room #3

Moderator:	Kelly Lyons, Department of Biology, Trinity University
10:00 am	<i>Thorn Forest Restoration in South Texas: The Need for a 'Novel Ecosystem' Approach at the Landscape Level</i> Presenter: Alejandro Fierro-Cabo, School of Earth, Environmental & Marine Sciences, University of Texas, Rio Grande Valley, Brownsville
10:20 am	<i>Hill Country Post Oak Savanna Restoration: Finding the Missing Pieces</i> Presenter: David V. Mahler, Environmental Survey Consulting, Inc., Austin
10:40 am	<i>Chinese Tallow Control on the Green Bayou Wetlands Mitigation Bank</i> Presenter: Brian Blades, Arthur Temple College of Forestry & Agriculture, Stephen F. Austin State University, Nacogdoches
11:00 am	<i>Managing Invasive Species in an Era of Global Change: Examples from the Eastern Sierra Nevada, California and the Colorado Front Range</i> Presenter: Amy L. Concilio, Environmental Science & Policy Program, School of Behavioral & Social Sciences, St. Edward's University, Austin
11:20 am	<i>Control of Johnsongrass on the Llano River Comparing Physical Removal, Herbicide, Restoration as Biocontrol</i> Presenter: Molly Lenihan, Department of Biology, Trinity University, San Antonio
11:40 am	<i>Linking Chinese Tallow Abundance to Stand Structure on the Pineywoods Mitigation Bank</i> Presenter: Jeremy Stovall, Arthur Temple College of Forestry & Agriculture, Stephen F. Austin State University, Nacogdoches
12:00 – 1:15 pm	Lunch & TXSER Business Meeting Lunch Buffet Pine Room Dining Hall TXSER Business Meeting Annex, Pine Room Dining Hall (Please join us for TXSER's Annual Business Meeting)

Saturday, Early Afternoon Concurrent Tracks

	Meeting Room #2	Meeting Room #3
Moderator:	Katherine Crosthwaite, HDR, Inc., Spring Branch	Brad Hoge, Department of Natural Sciences, University of Houston – Downtown
1:30 pm	<i>Relevance of Short Wavelength UV-B Radiation to Regulation of Plant Growth in Natural Light Environments</i> Presenter: Kendall Kotara, Department of Biology, Trinity University, San Antonio	<i>Brush Control for Water Yield: You're All Right and You're All Wrong</i> Presenter: Devin Grobert, City of Austin, Water Quality Protection Lands, Austin
1:50 pm	<i>Comparing Measures of Plant Diversity in a Remnant Blackland Prairie</i> Presenter: Charlotte Reemts, The Nature Conservancy, Austin	<i>Avian Community Response to Brush Management Efforts on the Welder Wildlife Refuge</i> Presenter: Olivia A. Kost, Department of Natural Resources Management, Texas Tech University, Lubbock
2:10 pm	<i>Factors Affecting Distribution of <u>Scabiosa atropurpurea</u> L. (Dipsacaceae) in North-Central Texas</i> Presenter: Brandon Belcher, Texas A&M University, Commerce	<i>Avian Study Shows Success of Ecological Restoration on the San Antonio River</i> Presenter: Lee Marlowe, San Antonio River Authority, San Antonio
2:30 pm	<i>Restoring a Dynamic Delta – Challenges in an Urban Wetland Project</i> Presenter: Judith Walther, Environmental Survey Consulting, Inc., Austin	<i>Breeding Bird Response to Post Oak Savannah Restoration in Eastern Texas</i> Presenter: Courtney Williams, Arthur Temple College of Forestry & Agriculture, Stephen F. Austin State University, Nacogdoches
3:00 pm	Coffee Break – Porch, Camp Cho-Yeh Retreat Center	

Saturday, Late Afternoon Session: Meeting Room #3

Moderator:	Alejandro Fierro-Cabo, School of Earth, Environmental & Marine Sciences, University of Texas, Rio Grande Valley, Brownsville
3:30 pm	<i>Using Camera Traps Near Small Water Sources as an Effective Method to Survey Wildlife in Peri-Urban Abandoned Croplands in South Texas</i> Presenter: J. Rodolfo Valdez Barillas, Department of Sciences & Mathematics, Biology Program, Texas A&M University, San Antonio
3:50 pm	<i>Calibrating Estuarine Indicators of Functional Recovery Derived from Mangrove Leaf Litter Decay</i> Presenter: Leticia Contreras, School of Earth, Environmental & Marine Sciences, University of Texas, Rio Grande Valley, Brownsville
4:10 pm	<i>Variation in Pollinator Abundance and Behavior During the Flowering Season of a Federally Threatened Thistle, <u>Cirsium pitcheri</u> (Pitcher's Thistle): Implications for a Warming Future</i> Presenter: Lela Culpepper, Department of Ecosystem and Science Management, Texas A&M University, College Station
4:30 pm	<i>Some Lessons Learned from 15 Years of Ecological Restoration on the City of Austin's Water Quality Protection Lands</i> Presenter: Kevin Thuesen, City of Austin, Austin Water, Water Quality Protection Lands Program, Austin
4:50 pm	<i>Aldo Leopold's Texas Visits and Implications for Restoration</i> Presenter: William Forbes, Geography & Sustainability, Stephen F. Austin State University, Nacogdoches

Saturday, November 12, 2016

**Posters & Social - 5:30 – 7:00pm
Meeting Rooms 1 & 2, Camp Cho-Yeh Retreat Center**

1.	<i>Linking the Science of Silvicultural Treatments with the Practice of Restoration in Degraded Bottomland Hardwood Forest of the Blackland Prairie and Post Oak Savannah Ecoregions of East Texas, USA</i> Presenter: Ryan S. Assenheimer, Arthur Temple College of Forestry & Agriculture, Stephen F. Austin State University, Nacogdoches
2.	<i>Undergraduate Monitoring of Biodiversity in an East Texas Forest Preserve</i> Presenter: Valare Beauchamp, Geography & Sustainability, Stephen F. Austin State University, Nacogdoches
3.	<i>Undergraduate Monitoring of Pre- and Post-Burn Wilderness Longleaf Pine</i> Presenter: Valare Beauchamp, Geography & Sustainability, Stephen F. Austin State University, Nacogdoches
4.	<i>An Assessment of Mechanical Removal Methods of Privet (<u>Ligustrum japonicum</u> & <u>Ligustrum sinense</u>) at Wild Basin Wilderness Preserve</i> Presenters: Savannah Bryson, C. Eric Johnson & Abigail Kropf, Program in Environmental Management & Sustainability, School of Behavioral & Social Sciences, St. Edward's University, Austin
5.	<i>Climate Change Impacts on Woodland Ecosystems in the Brazos River Watershed</i> Presenter: Tamara Dunbar, Department of Biology, Baylor University, Waco
6.	<i>Physioecological Factors Affecting Mercury Concentration Associated with Giant Salvinia (<u>Salvinia molesta</u> D. S. Mitchell) in Caddo Lake, TX</i> Presenter: Alyson Frisch, Division of Environmental Science, Stephen F. Austin State University, Nacogdoches
7.	<i>Soil Amelioration and Plant Establishment on Sodium Affected Soils on Galveston Island, Texas</i> Presenter: Elaine Harris, Division of Environmental Science, Stephen F. Austin State University, Nacogdoches
8.	<i>Restoration Ecoculture in the Piney Woods and Post Oak Savannah Ecoregion</i> Presenter: Christian Hernandez, Homeschooled, Personal Research, Manvel
9.	<i>A Comparison of Germination Rates with Three Sterilization Treatments in Three <u>Asclepias</u> Species</i> Presenters: Lavanya Hospeti & Olivia Roybal, Department of Biology, Trinity University, San Antonio
10.	<i>Preliminary Study to Assess the Growth of Sideoats Grama (<u>Bouteloua curtipendula</u>) with Soil Inoculum When Grown Together with Bermuda Grass (<u>Cynodon dactylon</u>)</i> Presenter: Samantha Saucedo, Department of Biology, Texas A&M University, San Antonio
11.	<i>Morphologic, Physical, and Chemical Soil Parameters Affecting Longleaf Pine (<u>Pinus palustris</u>) Restoration Efforts in the Western Extent of its Range – Preliminary Results</i> Presenter: Ryan A. Svehla, Division of Environmental Science, Stephen F. Austin State University, Nacogdoches
12.	<i>The Effects of Ponderosa Pine Ecological Restoration on Forest Soils and Understorey Vegetation in Northern Arizona.</i> Presenter: Elena M. Thomas, Division of Environmental Science, Stephen F. Austin State University, Nacogdoches

**Saturday Evening, November 12, 2016
Camp Cho-Yeh Retreat Center, Pine Room Dining Hall**

7:00 pm	<p align="center">Banquet</p> <p align="center">Excellence in Ecological Restoration Award</p> <p align="center">Graduate and Undergraduate Student Awards</p>
Post-Dinner –	<p align="center">Campfire & S'mores</p> <p align="center">Retreat Center Trail</p>

**Sunday, November 13, 2016
Camp Cho-Yeh Retreat Center, Pine Room Dining Hall**

8:30 am	<p>Breakfast Pine Room Dining Hall</p>
9:00 – 10:00/10:30 am	<p>Discussion Leader: Kevin Thuesen, City of Austin, Austin Water, Water Quality Protection Lands, Austin</p> <p>Journal Review Groups: Restoration Ecology Article Discussion Session</p> <p>All conference participants invited to join a lively discussion of: <i>Counting the books while the library burns: why conservation monitoring programs need a plan for action.</i> By: David B. Lindenmayer, Maxine P. Piggott, and Brendan A. Wintle</p> <p>Article available at registration table.</p>
10/10:30 am – 12:00 pm	<p align="center">Explore Camp Cho-Yeh</p> <p align="center">Free time to hike Camp Cho-Yeh's trails, explore the treehouse, shoot some hoops, &/or bounce on the jumping pillow.</p> <p align="center">Check out 12:00 pm.</p>