

PAPER SESSION I

Wednesday Afternoon • November 14, 2007

RESEARCH • Auditorium

- 1:00 PM 1. INVASIVE WETLAND PLANTS IN SOUTHERN ONTARIO: A SUMMARY OF RESEARCH CONDUCTED AND ITS RELEVANCE TO TEXAS AQUATIC PLANT MANAGEMENT. Kevin J Stevens*, University of North Texas, Department of Biological Sciences, Institute of Applied Science, Denton, TX.
- 1:20 PM 2. DOES HABITAT FRAGMENTATION PREVENT OR PROMOTE THE SPREAD OF KING RANCH BLUESTEM (BOTHRIOCHLOA ISCHAEMUM)? Karen M. Alofs* and Norma L. Fowler, University of Texas at Austin, Austin, TX.
- 1:40 PM 3. USING MICROSATELLITES TO TRACE THE ORIGIN(S) OF INVASIVE ARUNDO DONAX IN NORTH AMERICA. Daniel Tarin*, James Manhart, Alan Pepper, Texas A&M University, Department of Biology, College Station, TX.
- 2:00 PM 4. STATUS OF THE SALVINIA WEEVIL (CYRTOBAGOUS SALVINIAE) USED AS A BIOCONTROL OF GIANT SALVINIA (SALVINIA MOLESTA) IN TOLEDO BEND RESERVOIR. Dan Bennett*, Texas Parks and Wildlife Department, Aquatic Habitat Enhancement, Jasper, TX.
- 2:20 PM 5. EFFECTS OF NONINDIGENOUS PLANT SPECIES ON BIRD COMMUNITIES IN CENTRAL TEXAS PERIURBAN HABITATS. Arlene Kalmbach, Texas Parks and Wildlife Department, Bastrop, TX., Thomas R. Simpson*, Wildlife Ecology Program, Department of Biology, Texas State University-San Marcos, San Marcos, TX., Brian Pierce, Wildlife Ecology Program, Department of Biology, Texas State University-San Marcos, San Marcos, TX., and Kelly Bender, Texas Parks and Wildlife Department, Bastrop, TX.
- 2:40 PM 6. EFFECTS OF INVASIVE SPECIES ON THE BIODIVERSITY OF FISH ASSEMBLAGES WITHIN THE RIO GRANDE, TEXAS. Justin K. Williams and William I. Lutterschmidt, Sam Houston State University, Huntsville, TX.

INFORMATION MANAGEMENT • Classroom

- 1:00 PM 7. DEVELOPMENT OF THE CITIZEN SCIENTIST EARLY DETECTION MAPPING APPLICATION USING ARCGIS AND COLDFUSION. Will Alvis*, Houston Advanced Research Center, The Woodlands TX.
- 1:20 PM 8. A GREEN INDUSTRY PERSPECTIVE ON INVASIVE SPECIES. Bill Brown*, TCNP, Creekside Nursery, Hempstead, TX and Trey Wyatt, Emerald Garden, Austin, TX.
- 1:40 PM 9. NORTHEAST TEXAS MUNICIPAL WATER DISTRICT'S EFFORTS TO CONTROL GIANT SALVINIA IN CADDO LAKE. Walt Sears*, General Manager Northeast Texas Municipal Water District, Hughes Springs, TX.
- 2:00 PM 10. INVADERS OF TEXAS: CITIZEN SCIENTISTS COMBAT INVASIVE SPECIES. Damon E. Waitt*, Lady Bird Johnson Wildflower Center, Austin, TX.

PAPER SESSION II

Wednesday Afternoon • November 14, 2007

CONTROL & MANAGEMENT • Auditorium

- 3:30 PM 11. PROGRESS IN BIOLOGICAL CONTROL OF SALT CEDAR IN TEXAS. C. Jack DeLoach*, United States Department of Agriculture, Agricultural Research Service, Grassland, Soil and Water Research Laboratory, 808 E. Blackland Road, Temple, Texas 76502; Patrick J. Moran, USDA-ARS, Beneficial Insects Research Unit, 2413 E. Highway 83, Weslaco, TX 78596; Allen E. Knutson, Texas A&M University Research & Extension Center, 17360 Coit Road, Dallas, TX 75252; Mark Muegge, Texas A&M University, Texas Agricultural Extension Service, Department of Entomology, Airport Drive, P.O. Box 1298, Fort Stockton, TX 79735; Mark Donet, USDA-NRCS, Chihuahuan Desert RC&D, P.O. Box C-61, Alpine, TX 79832; Tyrus Fain, President, Rio Grande Institute, Box 183, Marathon, TX 79842; James H. Everitt, USDA-ARS, Integrated Farming & Natural Resources Research Unit, 2413 E. Highway 83, Weslaco, TX 78596; James L. Tracy, USDA-ARS, Grassland, Soil and Water Research Laboratory, 808 E. Blackland Road, Temple, Texas 76502 and Thomas O. Robbins, USDA-ARS, Grassland, Soil and Water Research Laboratory, 808 E. Blackland Road, Temple, Texas 76502.
- 3:50 PM 12. INVASIVE AQUATIC VEGETATION MANAGEMENT IN TEXAS "STRATEGY IN MOTION". Howard Elder, Texas Parks & Wildlife, Aquatic Habitat Enhancement, Jasper, TX.
- 4:10 PM 13. LAKE AUSTIN HYDRILLA: A LESSON IN BALANCE. Mary P. Gilroy, City of Austin, Austin, TX.
- 4:30 PM 14. INITIAL RESPONSE OF BAHIA GRASS TO HERBICIDE APPLICATIONS IN COASTAL PRAIRIE. Helen M. Holder*, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, Texas Warren C. Conway, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, Texas David J. Rosen, U. S. Fish and Wildlife Service, Clear Lake, Texas Larry Allain, U.S. Geological Service, Lafayette, LA.
- 4:50 PM 15. CONTROL AND MANAGEMENT OF THE EXOTIC INVASIVE CYPERUS ENTRERIANUS (CYPERACEAE) IN THE COASTAL PRAIRIE OF TEXAS. Jon R. King and Warren C. Conway*, Arthur Temple College of Forestry and Agriculture, Stephen F. Austin State University, Nacogdoches, TX David J. Rosen, U.S. Fish and Wildlife Service, Clear Lake, TX.

EARLY DETECTION & RAPID RESPONSE • Classroom

- 3:30 PM 16. EVALUATING BRUSH MANAGEMENT PRACTICES FOR CONTROL OF NON-NATIVE, INVASIVE SPECIES: JAPANESE CLIMBING FERN (LYGODIUM JAPONICUM) AND CHINESE TALLOW (TRIADICA SEBIFERA) AT THE W. GOODRICH JONES STATE FOREST, CONROE, TEXAS. Jennifer Korn* and Landon Temple, Texas Forest Service, Conroe, TX.
- 3:50 PM 17. FOREST HEALTH PROTECTION'S ROLE IN COMBATING INVASIVE PLANT SPECIES. Saul D. Petty*, USDA Forest Service Forest Health Protection, Pineville, LA, John W. Taylor, USDA Forest Service Forest Health Protection, Atlanta, GA, and Dale A. Starkey, USDA Forest Service Forest Health Protection, Pineville, LA,
- 4:10 PM 18. IDENTIFICATION AND CONTROL OF BRAZILIAN PEPPERTREE (SCHINUS TEREBINTHIFOLIUS) ON GALVESTON ISLAND. William J. Schubert*, Texas Parks and Wildlife Department, Coastal Conservation Program, Dickinson, TX and Courtney Miller, Galveston Bay Foundation, Webster, TX.

PAPER SESSION III

Thursday Morning • November 15, 2007

INVASIVE SPECIES UPDATES • Classroom

- 8:30 AM 19. AQUATIC AND RIPARIAN SPECIES. Earl Chilton*. Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, TX 78744.
- 9:15 AM 20. TERRESTRIAL SPECIES. Paul A. Baumann*, Professor and Extension Weed Specialist, Texas A&M University, College Station, TX 77843-2474.

EDUCATION • Classroom

- 10:30 AM 21. TEXAS INVASIVE SPECIES PLANT LIST. Awinash P. Bhatkar*. Texas Department of Agriculture, Austin, TX.
- 10:50 AM 22. ECONOMICS, EDUCATION AND ENGAGEMENT AS TOOLS FOR INCREASING PUBLIC LITERACY OF AQUATIC INVASIVE SPECIES AS HAZARDS ON WATER RESOURCES AND ECOSYSTEMS IN TEXAS. T.L. Arsuffi*, Llano River Field Station, Texas Tech University at Junction, Junction, TX, 76849 and Earl Chilton, Texas Parks and Wildlife Department, 4200 Smith School Road, Austin, TX 78744
- 11:10 AM 23. WHAT IS THE DRIVING FORCE FOR THE EARLY PHASE OF PLANT INVASIONS Edward L. McWilliams*, 1304 Dominik, College Station, TX.

PAPER SESSION IV

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CONTROL & MANAGEMENT • Classroom

- 1:00 PM 24. ARMAND BAYOU NATURE CENTER PRAIRIE RESTORATION AND MANAGEMENT AN INTEGRATED APPROACH Mark Kramer Armand Bayou Nature Center, Pasadena TX.
- 1:20 PM 25. AMINOPYRALID: A NEW HERBICIDE FOR SELECTIVE BROADLEAF WEED CONTROL AN INTRODUCTION AND EFFICACY SUMMARY. Cassey Mattke, Vernon B. Langston, Pat Burch, Vanelle Peterson, W. N. Kline, M. B. Halstvedt, Dow AgroSciences, LLC. Indianapolis, IN.
- 1:40 PM 26. EFFECTIVE CONTROL OF TAMARISK (SALT CEDAR) NEAR A SENSITIVE WATER SOURCE Matt McCaw*, Kevin Thuesen, and Willy Conrad Wildland Conservation Division, Austin Water Utility, Austin, TX.
- 2:00 PM 27. COGONGRASS IN TEXAS. H. A. (Joe) Pase III*, Texas Forest Service, Lufkin, TX, Michael Murphrey, Texas Forest Service, Lufkin, TX, and Ronald Billings, Texas Forest Service, College Station, TX.
- 2:20 PM 28. PASTURES FOR UPLAND BIRDS PROGRAM (PUB): RESTORING UPLAND BIRD HABITATA BY CONVERTING INTRODUCED PASTURES TO NATIVE GRASSLANDS. Jay D. Whiteside, Technical Guidance Biologist, Texas Parks and Wildlife Department.

OLD WORLD BLUESTEM SYMPOSIUM

Thursday • November 15, 2007 • Auditorium

- 8:30 AM 29. ECOLOGY OF KING RANCH BLUESTEM. Norma Fowler*, Section of Integrative Biology, University of Texas at Austin, Austin, TX.
- 9:00 AM 30. "OLD WORLD BLUESTEM" - A TAXONOMIC DILEMMA. Stephan L. Hatch*, S.M. Tracy Herbarium, Department of Ecosystem Science and Management, Texas A & M University, College Station, TX.
- 9:30 AM 31. POPULATION GENETICS INFORMS INVASIVE SPECIES MANAGEMENT: OLD WORLD BLUESTEMS AS A CASE STUDY. R. Deborah Overath* and Brandi Kutil, Texas A&M University, Corpus Christi, TX and Alice Hempel, Texas A&M University, Kingsville, TX.
- 10:30 AM 32. A MOLECULAR GENETIC EVALUATION OF KLEBERG BLUESTEM (DICHANTHIUM ANNULATUM) POPULATIONS FROM SOUTH TEXAS. Megan Thompson, Destiny Bean and Patrick D. Larkin* Department of Physical & Environmental Sciences Texas A&M University, Corpus Christi, TX.
- 11:00 AM 33. INVASIVE ECOLOGY OF OLD WORLD BLUESTEMS AND INSIGHTS FOR MANAGEMENT, Marvin E. Ruffner and D. Lynn Drawe*, Rob & Bessie Welder Wildlife Foundation Sinton, TX.
- 11:30 AM 34. OLD WORLD BLUESTEMS: HISTORY AND ECONOMICS OF USE IN TEXAS. Barron S. Rector*, Texas Cooperative Extension, Colleges Station, TX.
- 1:00 PM 35. RESEARCH ON INTEGRATING BIOTIC AND ABIOTIC METHODS OF CONTROL FOR THE INVASIVE, C4 GRASS KR BLUESTEM IN A LANDOWNER-INVESTIGATOR COLLABORATION. Kelly G. Lyons*, Department of Biology, Trinity University, San Antonio, TX and David Davidson, Private Landowner, Kendalia, TX.
- 1:30 PM 36. SELECTIVE AND NON-SELECTIVE CONTROL OF KING RANCH BLUESTEM: THE SHORT-TERM EFFECTS OF GROWING-SEASON PRESCRIBED FIRE, HERBICIDE, AND MOWING IN TEXAS PRAIRIES. Mark T. Simmons* University of Texas at Austin, Landscape Restoration Program, Lady Bird Johnson Wildflower Center,, Austin, TX 78739 Charlotte Reemts The Nature Conservancy Fort Hood Project, Fort Hood, TX, Matt McCaw Austin Water Utility, City of Austin, Steve Windhager University of Texas at Austin, Landscape Restoration Program, Lady Bird Johnson Wildflower Center, Austin, TX 78739, Paula Power U.S. Fish & Wildlife Service. San Marcos National Fish Hatchery and Technology Center, San Marcos, TX 78666. Jason Lott National Park Service, Lyndon B. Johnson National Historic Park, Johnson City, TX 78636 Robert K. Lyons Texas Cooperative Extension, Texas A&M University Agricultural Research & Extension Center, Uvalde, TX 78802 Carl Schwope U.S. Fish & Wildlife Service. Balcones Canyonlands National Wildlife Refuge, Austin, TX 78758.
- 2:00 PM 37. ESTABLISHMENT OF NATIVE PLANTS IN HABITATS ONCE DOMINATED BY OLD WORLD BLUESTEMS, Paula Maywald*, South Texas Natives, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville.
- 2:30 PM 38. RESTORATION OF NATIVE SUBTROPICAL FOREST IN ABANDONED CROPLAND DOMINATED BY KLEBERG BLUESTEM IN CAMERON COUNTY, TEXAS. Chris Best* and Mick Castillo, U.S. Fish and Wildlife Service.

POSTER SESSION

- P1. EVALUATION OF TEXAS NATIVE GRASSES FOR HIGHWAY RIGHT OF WAYS. Anna S. Lund*, Timothy E. Fulbright, Allen Rasmussen, J. Alfonso Ortega, Caesar Kleberg Wildlife Research Institute, Texas A&M University-Kingsville, Kingsville, TX., and John Lloyd-Reilley , USDA-NRCS Kika de la Garza Plant Materials Center, Kingsville, TX.
- P2. CAN GERMINATION EXPLAIN THE DISTRIBUTION OF TWO SUNFLOWERS: ONE ENDEMIC, ONE EXPANDING? Sean M. Thompson*, Hector G. Aguilar, David J. Gris  and R. Deborah Overath Texas A&M University – Corpus Christi, Corpus Christi, TX.
- P3. IDENTIFICATION OF SEEDS, SEEDLINGS AND JUVENILE PLANTS OF SELECTED INVASIVE AND ADVENTIVE PLANTS OF AUSTIN. Kathy McWilliams, Austin, TX.
- P4. THE CACTUS MOTH-CACTOBLASTIS CACTORUM Laura A. Tyler, National Institute for Invasive Species Science, Natural Resource Ecology Laboratory, Colorado State University, Fort Collins, CO.