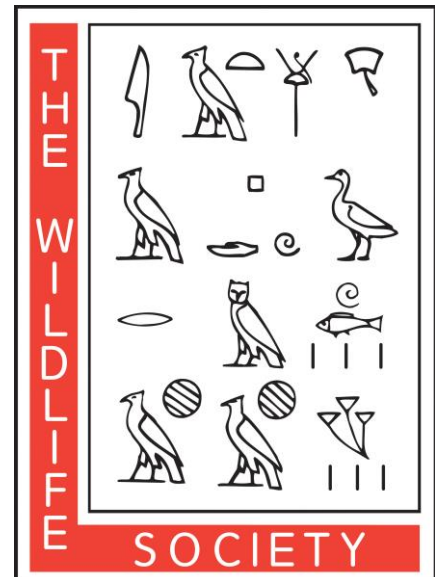


2015 Oklahoma Natural Resources Conference

Sponsored by the Oklahoma Chapter of the American
Fisheries Society and the Oklahoma Chapter of The
Wildlife Society



February 11-13, 2015

Tulsa, Oklahoma

Hyatt Regency and Conference Center

MEETING SCHEDULE

Wednesday, February 11

Registration (Upper Lobby near Promenade B & C)4:00 pm to 6:00 pm
ODWC Fisheries Division Meeting (Promenade C)8:00 am to 5:00 pm
A/V Set-up for presenters (Promenade B & C)4:00 pm to 6:00 pm
Student/Professional Mixer
(Regent's Suite Room 1234 and Governor's Suite Room 1228).....6:30 pm to 9:00 pm

Thursday, February 12

Registration (Upper Lobby near Promenade B & C) 7:00 am to 5:00 pm
Meeting welcome (Promenade C) 8:20 am to 8:30 am
Technical Session 1A (Promenade C) 8:30 am to 10:10 am
Technical Session 1B (Promenade B) 8:30 am to 10:10 am
Break 10:10 am to 10:30 am
Technical Session 2A (Promenade C) 10:30 am to 11:30 am
Technical Session 2B (Promenade B) 10:30 am to 11:30 am
Lunch (on your own but include student-mentors)..... 11:30 am to 1:10 pm
Technical Session 3A (Promenade C) 1:10 pm to 3:00 pm
Technical Session 3B (Promenade B) 1:10 pm to 3:00 pm
Break 3:00 pm to 3:15 pm
Technical Session 4A (Promenade C) 3:15 pm to 5:00 pm
Technical Session 4B (Promenade B) 3:15 pm to 5:00 pm
Poster Session (Promenade C) 8:00 am to 5:00 pm
Dinner and Awards Presentations (McNellie's Pub).....6:00 pm to 9:00 pm
Raffle/Auction Social (McNellie's Pub).....7:00 pm to 9:00 pm

Friday, February 13

Technical Session 5A (Promenade C) 8:00 am to 11:00 am
Technical Session 5B (Promenade B) 8:00 am to 11:00 am
Break 11:00 am to 11:15 am
AFS Business Meeting (Promenade C) 11:15 am to 12:00 pm
TWS Business Meeting (Promenade B) 11:15 am to 12:00 pm
Adjourn 12:00 pm

THURSDAY, FEBRUARY 12

8:20	WELCOME – Shannon Brewer and Steven Smith (Promenade C)	
	TECHNICAL SESSION 1A (Promenade C) – Jim Burroughs, Moderator <i>Topic: Movement, Passage, and Connectivity</i>	TECHNICAL SESSION 1B (Promenade B) – Evan Tanner, Moderator <i>Topic: Improving Sampling Methods and Detection</i>
8:30	Tracking <i>Morone</i> Movement Patterns in Kaw Lake <i>Wentroth, B. et al.</i>	Keystone Lake Striped Bass (<i>Morone Saxatilis</i>): Managing a Once Thriving, but now Struggling Fishery <i>Whisenhunt, C.</i>
8:50	Monitoring Paddlefish Movements in the Grand River System, Oklahoma, Using Ultrasonic Transmitters <i>Johnston, B.</i>	Use of Infrared Cameras to Survey White-tailed Deer on Two Oklahoma National Wildlife Refuges <i>Edwardson, J. et al.</i>
9:10	Defining Functional Connectivity Between Habitats to Support Instream-flow Recommendations in an Ozark Stream <i>Musselman, C. and S. Brewer</i>	Comparisons of Adjusted and Unadjusted Catch Data: Implications for Successful Long-term Stream-fish Monitoring <i>*Mollenhauer, B. and S. Brewer</i>
9:30	Fine-scale Genetic Structuring of American Paddlefish Populations in Oklahoma <i>Schwemm, M. et al.</i>	Investigating the Effect of a Non-native Broadcast Spawning Minnow in a Great Plains Stream, an Occupancy Approach <i>*Logue, D and S. Brewer</i>
9:50	Costs and Consequences of Dam Passage for Paddlefish in Northeast Oklahoma – Rostrum Amputation and the Hydropower Diet Plan <i>Schooley, J. and D. Scarnecchia</i>	Comparison of Maximum Thermal Tolerance of Fishes Using Two Methods <i>*Farless, N. and S. Brewer</i>
10:10	Break	Break

*competing for Best AFS Student Paper

** competing for Best TWS Student Paper

THURSDAY, FEBRUARY 12

	<p>TECHNICAL SESSION 2A (Promenade C) – Jason Schooley, Moderator <i>Topic: Improving Fishing Opportunities for Anglers</i></p>	<p>TECHNICAL SESSION 2B (Promenade B) – Ashley Unger, Moderator <i>Topic: Fire and Thermal Environments</i></p>
10:30	<p>Predation of White Perch in Sooner Reservoir: Is a Biological Control Possible? <i>Copeland, N. et al.</i></p>	<p>Proximate Thermal Environments Constrain Diurnal Behavior of Northern Bobwhite (<i>Colinus virginianus</i>) Broods **Carroll, M. et al.</p>
10:50	<p>Angler Use of Two Reservoir Populations of Paddlefish in Northeast Oklahoma <i>Nealis, A. et al.</i></p>	<p>Why Oklahoma Needs Fire Adapted Communities <i>Fulks, W.</i></p>
11:10	<p>A New Oklahoma Trout Fishery: Medicine Creek Trout Area Creel Survey <i>Ryswyk, R.</i></p>	<p>The Influence of Local Fire History on Sericea Lespedeza Invasion <i>Howard, J.</i></p>
11:30	<p>STUDENT-MENTOR LUNCH <i>(Mentor treats student to lunch in downtown Tulsa-list of restaurants available)</i></p>	

POSTER PRESENTATIONS (Promenade C)

An Evaluation of Strip-transects for Wintering Waterfowl on National Wildlife Refuges
Johnson, W. et al.

THURSDAY, FEBRUARY 12

	TECHNICAL SESSION 3A (Promenade C) – Matt Carroll, Moderator <i>Topic: Distributions and Habitat</i>	TECHNICAL SESSION 3B (Promenade B) – Josh Johnston, Moderator <i>Topic: Conservation Partnerships</i>
1:10	Predicting Shifts in Northern Bobwhite (<i>Colinus virginianus</i>) and Scaled Quail (<i>Callipepla squamata</i>) Distributions From Climate Change <i>**Tanner, E. et al.</i>	Collaborative Conservation Through Integrative Partnerships: A Values- driven, Outcome-focused Approach <i>Athearn, N.</i>
1:30	A Maximum Entropy Approach to Predict Black Bear Seasonal Habitat Use <i>**Techentin, D. and S. Fairbanks</i>	Building on a Comprehensive Conservation Strategy for the Ozarks to Achieve Conservation Goals in the Gulf Coastal Plains & Ozarks LCC <i>Jones-Farrand, D.</i>
1:50	Investigation of Free-ranging Domestic Cat Abundance in Stillwater, Oklahoma: Potential Associations With Human Population Density and Bird Abundance <i>**Elizondo, E. and S. Loss</i>	Restore and Protect Critical Stream Bank and Riparian Areas Via a Multi- Agency Cooperative Project. <i>Burroughs, J. and G. Levesque</i>
2:10	Patterns of Fish Community Structure and Diversity Along the Longitudinal Gradient of the Kiamichi River <i>Porter, C.</i>	Inventory and Monitoring Initiative for National Wildlife Refuges in Oklahoma <i>Schmidt, P. et al.</i>
2:30	A Maximum Entropy Approach to Modeling Lesser Prairie-chicken Habitat <i>**Unger, A. et al.</i>	The Oaks and Prairies Joint Venture: Who, What, Why, and Where <i>Gee, K. et al.</i>
2:50	Habitat Issues Facing the Monarch Butterfly in the Southern Great Plains <i>**Andreoli, S. and K. Baum</i>	Developing Fire Science Information Sharing Partnerships Across Oak Ecosystems <i>Marschall, J. and M. Stambaugh</i>
3:10	Break	Break

THURSDAY, FEBRUARY 12

	TECHNICAL SESSION 4A (Promenade C) – <i>Jim Long, Moderator</i> <i>Topic: Distributions and Habitat (cont.)</i>	TECHNICAL SESSION 4B (Promenade B) – <i>Jeff Pennington, Moderator</i> <i>Topic: Conservation Partnerships (cont.)</i>
3:30	Longitudinal Patterns of Turtle Community Composition in Rivers of Southeastern Oklahoma <i>Patton, T. and C. Cheek</i>	Ecological Systems Mapping: Creating a Uniform Map of Current Vegetation Across Oklahoma <i>Johnson, K.</i>
3:50	Survival, Movement, and Habitat Use of Northern Bobwhite and Scaled Quail Chicks at the Periphery of Their Distributional Ranges <i>**Orange, J. et al.</i>	Landscape Conservation Design 101: A Product-oriented Process for Conservation in the Southern Grasslands <i>Broska, J. et al.</i>
4:10	A Conservation Strategy Example: Development and Implementation of the Lesser Prairie-chicken Range-wide Plan <i>Cooper, B</i>	DISCUSSION
4:30	Seeking Rare Fish in a Fragmented, Hydropower Driven, Metro-area, Braided Prairie Stream: Exceptions to the Rules. <i>Johnston, J. and S. Brewer</i>	
4:50	Phosphorus Spiraling as Mediated by the Central Stoneroller, <i>Campostoma anomalum</i>, in the Upper Illinois River <i>Fisher, J. et al.</i>	

6:00-9:00 JOINT BANQUET AND AUCTION (MCNELLIE'S PUB)

409 East 1st Street, Tulsa, OK 74120 (7 minute walk from the Hyatt)

FRIDAY, FEBRUARY 13

	TECHNICAL SESSION 5A (Promenade C) – Dan Shoup, Moderator Topic: Early Life History, Demographics and Mammals	TECHNICAL SESSION 5B (Promenade B) – Dwayne Elmore, Moderator Topics: Agency Updates, Education, and Databases
8:00	Effects of Pastureland on Early-spring Native Bee Communities and Reproductive Success Around Canola Croplands **McCoshum, S. and K. Baum	Overview Of Land Acquisitions for the Wildlife Department in the Last Decade Peoples, A and K. Gillman
8:20	An Assessment of American Alligators (<i>Alligator mississippiensis</i>) on Red Slough WMA in McCurtain County, Oklahoma Robison, J. and T. Patton	Oklahoma Water Resources Center: Research, Extension, Collaboration, and Money, to Boot Elmore, L.
8:40	Early Life History of Three Pelagic-Spawning Minnows (<i>Macrhybopsis</i> spp.) in the Lower Missouri River *Starks, T. and J. Long	Are Status Rankings of Turtles in the US Consistent Among Ranking Systems and Congruent with Legal Protection? *Hill, S. and T. Patton
9:00	Validation of Daily Growth Increments in Spotted Gar (<i>Lepidosteus oculatus</i>) Snow, R.	Socio-economic Backgrounds as Predictors of Citizen Science Participation **Knoch, A. and K. Baum
9:20	Preliminary Demographic Data From a Ouachita Mountains Population of American Black Bears **Pfander, M. et al.	Use All Your Tools When Assessing Walleye and Saugeye Stocking Criteria Protocol O'Donnell, S.
9:40	Design of a Genetic Population Estimate and Food Preference Study in a Recolonizing Population of Black Bears **Artz, E. et al.	Update on the Oklahoma Deer Herd Health Evaluation Project Bartholomew, E.
10:00	The Effect of Aquatic Vegetation on Survival and Foraging Return of Juvenile Largemouth Bass *Broderius, C. et al.	Ecological Restoration and Conservation Outreach in the Tallgrass Prairie of Oklahoma Hamilton, R.

FRIDAY, FEBRUARY 13

	TECHNICAL SESSION 5A (Promenade C) – Dan Shoup, Moderator <i>Topic: Early Life History,</i> <i>Demographics and Mammals (cont.)</i>	TECHNICAL SESSION 5B (Promenade B) – Dwayne Elmore, Moderator <i>Topics: Agency Updates, Education, and</i> <i>Databases (cont.)</i>
10:20	Crappie Management Through Saugeye Stockings: A 25 Year Case History of Lake Jean Neustadt, OK. <i>Sager, C.</i>	Oklahoma Partners for Fish and Wildlife <i>Aldrich, J. et al.</i>
10:40	Investigation of Impacts of Wind Energy Development on North American Bats <i>**Thompson, M. and S. Loss</i>	
11:00	Break	Break

11:15 BUSINESS MEETINGS

OKLAHOMA CHAPTER AFS – (Promenade C)

OKLAHOMA CHAPTER TWS – (Promenade B)

12:00 Adjourn

Directions from Hyatt to McNellie's Pub

