



Water Allocation for Fisheries

**2006 Spring Meeting
Southern Division
American Fisheries Society**



**February 9-12, 2006
Crowne Plaza San Antonio Riverwalk
Hosted by
Texas Chapter of the American Fisheries Society**

Southern Division - AFS Spring Meeting

Crowne Plaza Hotel, San Antonio, Texas

February 9 – 12, 2006



The Texas Chapter of the American Fisheries Society Welcomes You to San Antonio!

Situated at the confluence of the Texas Hill Country and the South Texas coastal plain, San Antonio is a city that has had its rich history defined by water. Native Americans who first lived along the banks of the river referred to the area as “Yanaguana” which translates to refreshing or clear waters. Spanish explorers first encountered the river on St. Anthony’s feast day in 1691 and named it “San Antonio” in his honor. The river became the foundation for a string of five missions (one of which later became the “Alamo”) upon which modern day San Antonio rests. Today, area residents get a daily reminder of the importance of water; the underground Edwards Aquifer is the primary source of water for the 8th largest city in the U.S.

Recognizing the great asset of having a river running through its midst, city leaders transformed the San Antonio River into the Paseo del Rio or Riverwalk. This act of civic planning has made San Antonio the most popular tourist and convention destination in Texas. Sequestered 20 feet below street level, the Riverwalk’s cobblestone and flagstone paths border both sides of the San Antonio River as it winds its way through the middle of the downtown area.

This city is the ideal location to discuss our meeting’s theme: *Water Allocation for Fisheries*. We hope you use the opportunity afforded by this meeting to discuss this and other important issues facing our profession and fisheries resources across the southern U.S. Enjoy renewing acquaintances, meeting some new friends, and enjoying that special brand of San Antonio, Texas hospitality!

Schedule-at-a-Glance

Date/Time

Event

Location

Thursday, February 9

7:30 am – 5:00 pm	Registration	Texas A Foyer – 2 nd Floor
7:30 am – 8:00 pm	Presentation Loading Mandatory for all speakers	Directors Room 1
Committee Meetings		
8:00 am – 12:00 pm	Instream Flow	Boardroom
9:00 am – 5:00 pm	Reservoir	Executive Salon 1
8:30 am – 12:00 pm	Catfish	Executive Salon 3
8:00 am – 5:00 pm	Warmwater Streams	Executive Salon 4
8:00 am – 12:00 pm	Pollution	Executive Salon 5
1:00 pm – 5:00 pm	Aquaculture	Boardroom
1:00 pm – 5:00 pm	LMB Virus Workgroup	Executive Salon 3
1:00 pm – 5:00 pm	Small Impoundments	Executive Salon 5
Evening	Trout	Off-site
6:00 pm – 8:00 pm	Welcome Reception	San Antonio Ballroom

Friday, February 10

7:30 am – 5:00 pm	Registration	Texas A Foyer – 2 nd Floor
7:30 am – 8:00 pm	Presentation Loading Mandatory for all speakers	Directors Room 1
8:00 am – 5:00 pm	Presentation Preview	Directors Room 2
8:00 am – 12:00 pm	SDAFS Excom	Boardroom
8:00 am – 5:00 pm	Poster/Exhibitor Setup	Preconvene – 2 nd Floor
10:00 am – 10:20 am	Break	Preconvene – 2 nd Floor
12:00 pm – 1:00 pm	SDAFS Past Presidents Lunch	Private Dining Room - Hotel Restaurant
1:00 pm – 5:00 pm	Red Snapper Symposium	Executive Salon 3
2:40 am – 3:00 pm	Break	
Continuing Education Workshops		
8:00 am – 5:00 pm	Biologist, Angler, and Fishing Industry Interaction	Texas Ballroom B
8:00 am – 5:00 pm	Aquatic Plant Establishment Workshop	Executive Salon 2 (am); Off- site (pm)
8:00 am – 1:00 pm	Aquatic Animal Drug Approval Workshop	Executive Salon 4
1:00 pm – 5:00 pm	Leadership Workshop – Leadership Regardless of Position	Texas Ballroom C
1:00 pm – 5:00 pm	Student Workshop – Funding for Grad Students	Executive Salon 2
5:15 pm – 6:30 pm	SDAFS Business Meeting	Texas Ballroom B
6:30 pm – 9:00 pm	Student Social	San Antonio Ballroom

Date/Time Event Location

Saturday, February 11

7:00 am – 5:00 pm	Registration	Texas A Foyer – 2 nd Floor
7:00 am – 5:00 pm	Presentation Loading Mandatory for all speakers	Directors Room 1
7:00 am – 5:00 pm	Presentation Preview	Directors Room 2
8:00 am – 5:00 pm	Posters & Exhibitors	Preconvene – 2 nd Floor
8:30 am – 10:00 am	Plenary Session - “Water Allocation for Fisheries” Dr. Larry McKinney	Texas Ballroom B
10:00 am – 10:20 am	Break	Preconvene – 2 nd Floor
Technical Sessions		
10:20 am – 11:40 am	Urban Fisheries	Texas Ballroom A
	Rivers and Streams	Texas Ballroom B
	Aquaculture	Texas Ballroom C
	Contaminants	San Antonio Ballroom
	Fish Management	Executive Salon 1
	Trophy Fish Management	Executive Salon 2
	Red Snapper	Executive Salon 3
	Trout in Regulated Rivers	Executive Salon 4
11:40 am – 1:15 pm	Student/Mentor Lunch	On-your-own (off site)
1:20 pm – 3:00 pm	Urban Fisheries	Texas Ballroom A
	Rivers and Streams	Texas Ballroom B
	Catfish Management	Texas Ballroom C
	Fisheries Applications of GIS	San Antonio Ballroom
	Fish Management	Executive Salon 1
	Trophy Fish Management	Executive Salon 2
	Red Snapper	Executive Salon 3
	Trout in Regulated Rivers	Executive Salon 4
3:00 pm – 3:20 pm	Break	Preconvene – 2 nd Floor
3:20 pm – 5:00 pm	Instream Flow	Texas Ballroom A
	Rivers and Streams	Texas Ballroom B
	Catfish Management	Texas Ballroom C
	Fisheries Applications of GIS	San Antonio Ballroom
	Marine Fisheries I	Executive Salon 1
	Exotic Species	Executive Salon 2
	Red Snapper	Executive Salon 3
	Golden Alga	Executive Salon 4
5:00 pm – 6:30 pm	Texas Universities Social	Governor’s Suite 4 th Floor
6:00 pm – 9:30 pm	Dinner/Social	Texas Ballrooms

Date/Time**Event****Location****Sunday, February 12**

7:00 am – 8:00 am	TCAFS Past Presidents Breakfast	Hotel Restaurant
8:00 am – 10:00 am	Posters & Exhibitors	Preconvene – 2 nd Floor
<i>Technical Sessions</i>		
8:00 am – 10:00 am	Instream Flow	Texas Ballroom A
	Marine Fisheries II	Texas Ballroom B
	Largemouth Bass	Texas Ballroom C
	Marine Fisheries III	Executive Salon 1
	Fisheries Science & Techniques	Executive Salon 2
	Red Snapper	Executive Salon 3
	Paddlefish and Sturgeon	Executive Salon 4
10:00 am – 10:20 am	<i>Break</i>	Preconvene – 2 nd Floor
10:20 am – 12:00 pm	Instream Flow	Texas Ballroom A
	Marine Fisheries II	Texas Ballroom B
	Largemouth Bass	Texas Ballroom C
	Marine Fisheries III	Executive Salon 1
	Fisheries Science & Techniques	Executive Salon 2
	Red Snapper	Executive Salon 3
	Paddlefish and Sturgeon	Executive Salon 4
12:15 pm – 1:00 pm	TCAFS Business Meeting and Awards Program	Texas Ballroom B

Technical Sessions

February 10 Friday * denotes presenter

Session	Red Snapper Symposium
Room	Executive Salon 3
Moderator	Andy Strelcheck
1:00P	Opening Remarks <i>Will Patterson</i>
1:20P	Spawning of Red Snapper in Response to Hormonal Induction or <i>R. Phelps*</i> , <i>N. Papanikos</i> , <i>B. Bourque</i> , <i>F. Bueno</i> , <i>R. Haste</i> , <i>D. Maus</i> and <i>A. Ferry</i> Abstract 100669
1:40P	A Time Series of Observations on Red Snapper Larvae: SEAMAP Surveys, 1982-2003 <i>J. Lyczkowski-Shultz*</i> , <i>D. Hanisko</i> and <i>G. Ingram Jr.</i> Abstract 100832
2:00P	Developing Indices of Larval Red Snapper Abundance for Use in Stock Assessments <i>D. Hanisko*</i> , <i>G. Ingram Jr.</i> and <i>J. Lyczkowski-Shultz</i> Abstract 100841
2:20P	Larval Development of Red Snapper and the Influence of Temperature <i>R. Phelps*</i> , <i>K. Williams</i> , <i>A. Carrias</i> , <i>N. Papanikos</i> and <i>D. Davis</i> Abstract 100668
2:40P	Distinguishing Wild from Hatchery-produced Juvenile Red Snapper with Otolith Chemistry <i>S. Gibson*</i> , <i>W. Patterson III</i> , <i>R. Phelps</i> and <i>W. Patterson</i> Abstract 100738
3:00P	BREAK
Session	Red Snapper Symposium
Room	Executive Salon 3
Moderator	Jessica McCawley
3:20P	Survival, Movement, and Residency of Hatchery-reared Red Snapper on Artificial Reefs in the Northern Gulf of Mexico <i>A. Chapin*</i> and <i>S. Szedlmayer</i> Abstract 100795
3:40P	Habitat Effects on Juvenile Red Snapper Density and Growth in the Northcentral Gulf of Mexico <i>D. Newton*</i> , <i>W. Patterson III</i> , <i>J. Cowan Jr.</i> and <i>C. Wilson</i> Abstract 100766
4:00P	Patterns of Habitat Use by Juvenile Red Snapper on Natural Banks in the Northwestern Gulf of Mexico <i>B. Geary</i> , <i>J. Mikulas Jr.*</i> , <i>J. Rooker</i> , <i>A. Landry Jr.</i> and <i>T. Dellapenna</i> Abstract 100825
4:20P	Red Snapper Young-of-the-Year in the Texas Territorial Sea <i>B. Dorf*</i> Abstract 100727
4:40P	Video Estimates of Juvenile and Adult Red Snapper and Associated Fish Assemblages on Sand, Shell, and Natural Reef Habitats in the Northcentral Gulf of Mexico <i>R. Wells*</i> and <i>J. Cowan Jr.</i> Abstract 100775
5:00P	A Comparison of Red Snapper Abundance Between Artificial Reefs With and Without Epibenthic Communities <i>R. Redman</i> and <i>S. Szedlmayer*</i> Abstract 100791

February 11 Saturday

* denotes presenter

<p style="text-align: center;">PLENARY SESSION Water Allocation for Fisheries, Dr. Larry McKinney</p>				
<p style="text-align: center;">Room Texas Ballroom B</p>				
<p style="text-align: center;">10:00A Break</p>				
Session	Urban Fisheries Symposium	Rivers & Streams	Aquaculture	Contaminants
Room	Texas Ballroom A	Texas Ballroom B	Texas Ballroom C	San Antonio Ballroom
Moderator	Ryan Oster	Frank Fiss	Jeff Boxrucker	Steve Crawford
10:20A	<p>The Arkansas Game and Fish Commission's Family and Community Fishing Program</p> <p><i>C. Racey* and C. Jackson</i></p> <p>Abstract 100673</p>	<p>Fish Communities of the Emory River Watershed With Emphasis on Current Distribution and Seasonal Habitat Use of Spotfin Chub</p> <p><i>W. Russ* and S. Cook</i></p> <p>Abstract 100676</p>	<p>Hatching Success and Size at Hatch of Sunshine Bass Hatched at Different Temperatures</p> <p><i>S. Lochmann*, K. Goodwin and C. Racey</i></p> <p>Abstract 100671</p>	<p>Development of Bioenergetic Model for Zebrafish and Application in Toxicology Research</p> <p><i>C. Chizinski*, B. Sharma, S. Mukhi, K. Pope and R. Patino</i></p> <p>Abstract 100758</p>
10:40A	<p>Evaluation of Monthly Versus Biweekly Stocking of Channel Catfish in the Arkansas Urban Fishing Program</p> <p><i>T. Lang*, J. Neal and C. Hutt</i></p> <p>Abstract 100665</p>	<p>Linking Fish Abundance Measurements to Stream and Riparian Habitat: Lessons Learned in a 12-Year Study</p> <p><i>J. Van Deventer*</i></p> <p>Abstract 100679</p>	<p>Growth and Survival of Sunshine Bass Larvae Stocked in Tanks at Different Temperatures</p> <p><i>S. Lochmann*</i></p> <p>Abstract 100672</p>	<p>Mercury Concentrations in Fish From Caddo Lake, Texas</p> <p><i>M. Chumchal*, R. Drenner, B. Fry, D. Lutz-Carrillo, K. Hambright, W. McClain and L. Newland</i></p> <p>Abstract 100837</p>
11:00A	<p>Evaluation of Fishing Derby Effects on Fishing Effort and Harvest at Derby Locations and Characteristics of Fishing Derby Participants</p> <p><i>C. Hutt*, T. Lang and J. Neal</i></p> <p>Abstract 100692</p>	<p>Characterization of Benthic Macroinvertebrate Communities Within the Emory River Watershed, Tennessee</p> <p><i>D. Goodfred* and S. Cook</i></p> <p>Abstract 100684</p>	<p>Effects of the Probiotic, Liquid Live Micro-Organisms System, on Sludge, Water Quality and Koi Carp Production in Hatchery Ponds</p> <p><i>A. Barkoh, W. Schlechte, J. Paret* and D. Lyon</i></p> <p>Abstract 100777</p>	<p>Radiation-induced Germline Mutations in Japanese Medaka</p> <p><i>E. Thompson*, O. Tsyusko, T. Glenn, T. Hinton, B. Saul and J. Nechtman</i></p> <p>Abstract 100857</p>
11:20A	<p>Fish Orlando's FAB FIVE</p> <p><i>J. Sweatman*</i></p> <p>Abstract 100694</p>	<p>The Influence of Beaver Impoundments on the Dynamics of Mercury Accumulation in Southeastern Stream Fishes</p> <p><i>J. Summerlin*, C. Jagoe, A. Bryan Jr., H. Brant and B. Saul</i></p> <p>Abstract 100699</p>	<p>Replacement of Fish Meal With Poultry By-product Meal as a Protein Source in Sunshine Bass Diets</p> <p><i>H. Pine*, M. Jiang and W. Daniels</i></p> <p>Abstract 100812</p>	
11:40 - 1:20P	<p>LUNCH - Student/Mentor Luncheon</p>			

* denotes presenter

February 11 Saturday

PLENARY SESSION				8:30 - 10:00A
Water Allocation for Fisheries, Dr. Larry McKinney				
Texas Ballroom B				Room
Break				10:00A
Fish Management	Trophy Fish Management Symposium	Red Snapper Symposium	Trout Fisheries in Regulated Rivers Symposium	Session
Executive Salon 1	Executive Salon 2	Executive Salon 3	Executive Salon 4	Room
Jim Hedrick	Gene Wilde	Andy Fischer	Scott Smith	Moderator
An Internet Survey of Private Pond Owners and Managers in Texas <i>M. Masser* and A. Schonrock</i> Abstract 100633	The Science of Trophy Fish Management <i>G. Wilde* and K. Pope</i> Abstract 100770	Diet and Prey Demand of Red Snapper on Alabama Artificial Reefs <i>J. McCawley* and J. Cowan Jr.</i> Abstract 100664	Use of Angler Survey Data in the Management of Arkansas' Trout Fisheries <i>J. Williams*, D. Bowman and C. Todd</i> Abstract 100842	10:20A
Testing If Knowing White Crappie Locations Can Improve Trap Net Sampling <i>C. Bonds* and J. Schlechte</i> Abstract 100682	Factors Related to Angler Catch of Trophy Largemouth Bass in Texas Reservoirs <i>R. Myers* and M. Allen</i> Abstract 100663	Red Snapper Foraging Dynamics on Alabama Artificial Reefs <i>J. Shipley* and J. Cowan Jr.</i> Abstract 100862	Assessment of Potential Spawning Habitat, and Length at Maturity of Brown Trout in Tennessee Tailwaters <i>S. Holbrook* and P. Bettoli</i> Abstract 100689	10:40A
Effects of Water Level Variation on Wetland/Littoral Plants and Their Associated Faunal Assemblages, With Implications for Water Management and Biota of Lake Okeechobee <i>K. Johnson*, M. Allen and K. Havens</i> Abstract 100701	Managing the Texas Spotted Seatrout Fishery for Larger Fish <i>P. Choucair*, R. Hensley and K. Spiller</i> Abstract 100721	Site Fidelity, Movement, and Growth of Red Snapper in the Northcentral Gulf of Mexico <i>A. Strelcheck*, J. Cowan Jr. and W. Patterson III</i> Abstract 100784	The Effects of Catch and Release Areas on Movement and Mortality of Rainbow Trout in Bull Shoals and Norfork Tailwaters <i>A. Cushing* and D. Magoulick</i> Abstract 100729	11:00A
Creating a Morone Hybrid Fishery in a High Flow-through Reservoir in Oklahoma: Comparison of Two Morone Hybrids <i>K. Kuklinski*</i> Abstract 100732	Using a Voluntary Survey to Improve Knowledge of Trophy Largemouth Bass Catches in Lake Fork Reservoir, Texas <i>A. Jubar* and K. Storey</i> Abstract 100722	The Fidelity of Red Snapper to Petroleum Platforms in the Northern Gulf of Mexico <i>M. Peabody-Westmeyer* and C. Wilson</i> Abstract 100675	Foraging Patterns of Brown Trout and Rainbow Trout in an Arkansas Tailwater: a Stable Isotope and Gut Content Analysis Approach <i>J. Flinders* and D. Magoulick</i> Abstract 100731	11:20A
LUNCH - Student/Mentor Luncheon				11:40 - 1:20P

February 11 Saturday

* denotes presenter

Session	Urban Fisheries Symposium	Rivers & Streams	Catfish Management Symposium	Fisheries Applications of GIS Symposium
Room	Texas Ballroom A	Texas Ballroom B	Texas Ballroom C	San Antonio Ballroom
Moderator	Kathryn Emme	Casey Williams	Keith Ashley	Jason Freund
1:20P	Development and Implementation of an Urban Fisheries Program in Kentucky <i>K. Emme* and G. Buynak</i> Abstract 100715	Seasonal Variations in Fish Assemblages of Intermittent Streams in Three National Parks <i>J. Zimmerman* and J. Wilson</i> Abstract 100725	Evaluation of the Recreational Catfish Fishery on Lake Wilson, Alabama <i>M. Holley* and M. Maceina</i> Abstract 100685	Recent Trends in Fisheries GIS Applications <i>W. Fisher*</i> Abstract 100822
1:40P	Minnesota's Urban Fishing Program - Opportunity Plus Education <i>M. Nemeth and R. Walsh*</i> Abstract 100802	Spatiotemporal Variation in Fish Assemblage Structure Based on Functional Groups and Species Composition <i>C. Higgins*</i> Abstract 100746	Establishment, Expansion, and Recent Changes in the Santee-Cooper Blue Catfish Fishery <i>S. Lamprecht*, G. White and J. Glenn</i> Abstract 100831	The Development of Segment-level Watersheds in West Virginia and the Benefits for Fisheries Management <i>M. Strager*, J. Petty and J. Strager</i> Abstract 100740
2:00P	Georgia's Community-based Fishing Program <i>R. Martin*</i> Abstract 100772	Status of an Introgressed Guadalupe Bass Population in a Central Texas Stream <i>B. Littrell*, T. Bonner, D. Lutz-Carrillo and L. Fries</i> Abstract 100843	Assessing a Reservoir Catfish Population Using Volunteer Angler Creel, Low Frequency Electrofishing, Age and Growth and Reward Tags <i>K. Sullivan* and M. Wallendorf</i> Abstract 100771	Linear Referencing as a Tool for Mapping Freshwater Mussel Habitat <i>S. Rust* and W. Fisher</i> Abstract 100788
2:20P	Expand Opportunity Close to Home <i>G. Gilliland*</i> Abstract 100792	Variations in Fish Abundance Through Time in Small Western Kentucky Streams <i>T. Brindley* and J. Heitman</i> Abstract 100806	Blue Catfish Population Characteristics in Selected Oklahoma Reservoirs: Implications for Management of Trophy Fisheries <i>J. Boxrucker*</i> Abstract 100735	Depth and Substrate Modeling Using Geographic Information Systems on Aaron's Creek, West Virginia <i>K. Sheehan*</i> Abstract 100869
2:40P	Texas Urban Fishing Programs <i>R. Betsill*</i> Abstract 100835	Dissimilarity of a Blanco River Reservoir Fish Assemblage from Other Riverine Sites <i>P. Bean*, T. Bonner and B. Littrell</i> Abstract 100811	A Method for Predicting Potential Predation by Flathead Catfish on Razorback Suckers in the Lower Colorado River <i>J. Slaughter IV*</i> Abstract 100718	Longitudinal and Local Geomorphic Effects on Fish Species Composition in Eastern Oklahoma Streams <i>D. Dauwalter*, D. Splinter, W. Fisher and R. Marston</i> Abstract 100804
3:00P	BREAK			

* denotes presenter

February 11 Saturday

Fish Management	Trophy Fish Management Symposium	Red Snapper Symposium	Trout Fisheries in Regulated Rivers Symposium	Session
Executive Salon 1	Executive Salon 2	Executive Salon 3	Executive Salon 4	Room
Mark Rogers	Gene Wilde	Joanne Lyczkoski-Shultz	Darrell Bowman	Moderator
Changes in Reservoir Morphometrics and Fish Communities as a Result of Extensive Sedimentation in Lake Texoma, Oklahoma <i>C. Lyday, T. Patton* and J. Morel</i> Abstract 100787	ShareLunker Program <i>A. Forshage* and L. Fries</i> Abstract 100755	Movements of Red Snapper Tagged off Texas <i>S. Diamond*, M. Campbell and Q. Dokken</i> Abstract 100794	The Lake Cumberland Tailwater Trout Fishery and the Relationship with Reservoir Discharge <i>D. Dreves*</i> Abstract 100736	1:20P
Differences in Population Metrics Between Bluegill and Redear Sunfish: Implications for the Effectiveness of Harvest Restrictions <i>S. Sammons* and M. Maceina</i> Abstract 100819	Admixture and Ancestry of Trophy Bass <i>D. Lutz-Carrillo*</i> Abstract 100762	Estimating the Effect of Angler Gear on Recovery of Tagged Red Snapper on Artificial Reefs Within Alabama Coastal Waters <i>M. Powers* and R. Shipp</i> Abstract 100851	Dawn of the (Soon to be) Dead: Growth and Survival Challenges Faced by Adult Brown Trout in a Virginia Tailwater <i>S. Smith*, D. Orth and M. Anderson</i> Abstract 100863	1:40P
Economic Growth and Fisheries Conservation: Theoretical and Empirical Considerations <i>B. Czech* and S. Coghlan Jr.</i> Abstract 100870	Relationship Between Fishery Quality and Angler Catches of Trophy Fishes <i>K. Pope*, K. Hurley and G. Wilde</i> Abstract 100763	Release Mortality in Gulf of Mexico Red Snapper: Physiological Consequences of Catastrophic Decompression <i>J. Rummer* and W. Bennett</i> Abstract 100875	Decades of Daily Disruptions Dent Brown Trout Habitat and Recruitment <i>D. Orth*, C. Krause and D. Novinger</i> Abstract 100864	2:00P
Formation and Future Direction of the Southeast Aquatic Resources Partnership <i>M. Robinson*</i> Abstract 100876	Potential Use of North American Fishery Agency Record-fish Lists in Identifying Patterns in Trophy Fish Occurrence <i>A. Urbanczyk*, G. Wilde and K. Pope</i> Abstract 100769	Age, Growth, and Reproduction of the Red Snapper from the Atlantic Waters of the Southeastern USA <i>D. White* and S. Palmer</i> Abstract 100733	Angler Attitudes and Opinions and Economic Impact of Trout Anglers on the Canyon Reservoir Tailrace <i>T. Bradle, S. Magnelia* and J. Taylor</i> Abstract 100874	2:20P
	Symposium Wrap-up: The Role of Science in Trophy Fish Management <i>G. Wilde*</i> Abstract 100773	Variation in the Age Structure and Year-class Strength of Red Snapper in the Gulf of Mexico by Region and Fishing Sector <i>R. Allman*</i> Abstract 100827	Population Response of Rainbow Trout to Flow Regulation in the Canadian Portion of the Columbia River Downstream of Hugh Keenleyside Dam <i>J. Baxter*, G. Birch and P. Higgins</i> Abstract 100887	2:40P
BREAK				3:00P

February 11 Saturday

* denotes presenter

Session	Instream Flow Symposium	Rivers & Streams	Catfish Management Symposium	Fisheries Applications of GIS Symposium
Room	Texas Ballroom A	Texas Ballroom B	Texas Ballroom C	San Antonio Ballroom
Moderator	Tim Bonner	Chad Thomas	Keith Ashley	Dan Dauwalter
3:20P	<p>When The Rio Grande Ceased to Flow: Effects of Rio Grande Mouth Closure on Estuarine-dependent Species</p> <p><i>D. Blankinship*</i></p> <p>Abstract 100720</p>	<p>Nest Site Selection and Nest Success of Smallmouth Bass in Baron Fork Creek, Oklahoma</p> <p><i>D. Dauwalter* and W. Fisher</i></p> <p>Abstract 100748</p>	<p>Comparison of Native and Introduced Flathead Catfish Populations in Alabama and Georgia: Growth, Mortality and Management</p> <p><i>E. Irwin*, P. Sakaris, J. Jolley and D. Harrison</i></p> <p>Abstract 100753</p>	<p>A GIS-based Empirical Approach for Modeling Biodiversity in the Alabama-Coosa-Tallapoosa (ACT) River Basin</p> <p><i>G. Turner* and E. Irwin</i></p> <p>Abstract 100847</p>
3:40P	<p>Trends in Spotted Sunfish Habitat Utilization and Their Potential Application in Setting Minimum Flows and Levels for Florida Rivers</p> <p><i>A. Dutterer* and M. Allen</i></p> <p>Abstract 100786</p>	<p>Adaptive Management of a Highly-regulated Southeastern River: Tools for Stakeholders</p> <p><i>K. Mickett* and E. Irwin</i></p> <p>Abstract 100846</p>	<p>Recent Developments in Tennessee Catfish Management</p> <p><i>G. Scholten*, T. Churchill and W. Reeves</i></p> <p>Abstract 100798</p>	<p>A Grid-based Approach to Mapping Habitat in Texas Reservoirs</p> <p><i>F. Janssen* and C. Scofield</i></p> <p>Abstract 100800</p>
4:00P	<p>Response of Oxbow Lake Biota to Hydrologic Exchanges With the Brazos River Channel</p> <p><i>S. Zeug*, K. Winemiller, T. Bonner, C. Williams, T. Osting and R. Mathews</i></p> <p>Abstract 100695</p>	<p>Distribution of Exotic Fish Species in the Clear Lake Watershed, Texas: Potential Mechanisms of Dispersal in Coastal Streams</p> <p><i>G. Guillen*</i></p> <p>Abstract 100849</p>	<p>Voodoo Electrofishing: Low Frequency Electrofishing as a Tool for Assessing Blue Catfish Populations in Virginia's Tidal Rivers</p> <p><i>B. Greenlee*</i></p> <p>Abstract 100829</p>	<p>Using GIS for Reservoir Creel Surveys and Mapping</p> <p><i>S. Dumont*</i></p> <p>Abstract 100742</p>
4:20P	<p>Use of Stream Studies to Develop Instream Flow Standards for Virginia</p> <p><i>J. Kauffman*</i></p> <p>Abstract 100678</p>	<p>Otolith Microchemistry Discriminates Between Hatchery and Stocked Salmonines in the Little Red River, Arkansas, Tailwater System</p> <p><i>S. Coghlan, M. Lyerly*, T. Bly, J. Williams and R. Hannigan</i></p> <p>Abstract 100871</p>	<p>Introduced Flathead Catfish, Dam Removal, and Endangered Species</p> <p><i>T. Kwak*, E. Malindzak and J. Brewster</i></p> <p>Abstract 100856</p>	<p>Identifying Essential Fish Habitats in the South Atlantic Bight Through GIS Analysis of Fishery-independent Survey Data</p> <p><i>J. Stephen* and G. Sedberry</i></p> <p>Abstract 100781</p>
4:40P	<p>A Template For Conducting Ecosystem-based Instream Flow Studies</p> <p><i>K. Mayes*</i></p> <p>Abstract 100888</p>		<p>Size-based Mortality Cap and Relative Growth Equations for Channel Catfish</p> <p><i>D. Cloutman*</i></p> <p>Abstract 100751</p>	<p>Partnering Technology with Customer Service: Oklahoma Department of Wildlife Conservation's GIS Map Server System</p> <p><i>G. Summers*</i></p> <p>Abstract 100807</p>
5:00P	<p>Ichthyoplankton Recruitment to the Delta Nursery Areas of Nueces Bay, Texas</p> <p><i>J. Tolan*, C. Sanders and D. Newstead</i></p> <p>Abstract 100749</p>		<p>Daily Aging of Age-0 Catfishes With Implications for Assessing the Effects of Environmental Variables on Early Life History Stages</p> <p><i>P. Sakaris* and E. Irwin</i></p> <p>Abstract 100760</p>	<p>Assessing the Conservation Status of Oklahoma's Fishes: Incorporating Museum Collections in a GIS</p> <p><i>J. Freund*, W. Fisher, A. Echelle, M. Brooks, A. Fortner, C. Hargrave and E. Marsh-Matthews</i></p> <p>Abstract 100717</p>

* denotes presenter

February 11 Saturday

Marine Fisheries I	Exotic Species	Red Snapper Symposium	Golden Alga	Session
Executive Salon 1	Executive Salon 2	Executive Salon 3	Executive Salon 4	Room
Cindy Contreras	Stuart Welsh	Steve Szedlmayer	Todd Tietjen	Moderator
Does Early Life Exposure Impact Survival of Hatchery Red Drum? <i>J. Beck* and J. Rooker</i> Abstract 100700	A Test of the Impact of Hydrilla Introduction on Biodiversity in Florida Lakes <i>M. Jackson*, M. Allen, M. Hoyer and D. Canfield</i> Abstract 100743	Red Snapper in the Northern Gulf of Mexico: Age and Size Composition of the Commercial Harvest and Mortality of Regulatory Discards <i>A. Fischer*, D. Nieland, M. Baker and C. Wilson</i> Abstract 100661	Golden Alga Fish Kills in the Brazos River Basin <i>J. Glass*</i> Abstract 100670	3:20P
Various Methods to Determine the Wild or Hatchery Origin of Red Drum <i>S. Robbins*, A. Ball, M. Denson and T. Smith</i> Abstract 100767	The Expansion of Giant Salvinia on Toledo Bend Reservoir, Texas <i>H. Elder*</i> Abstract 100828	Declining Size at Age Among Red Snapper in the Northern Gulf of Mexico off Louisiana, USA: Recovery or Collapse? <i>D. Nieland*, A. Fischer and C. Wilson</i> Abstract 100662	The Growing National Threat of the Toxic Golden Alga and How Texas is Addressing It <i>D. Sager*, L. Singhurst, J. Glass, J. Ralph, L. Fries, G. Southard, G. Kurten and D. Buzan</i> Abstract 100690	3:40P
Recruitment, Spatial Distribution, and Fine-scale Movement Patterns of Red Drum Through Major and Shallow Passes in Texas <i>A. Bushon*, G. Stunz and M. Reese</i> Abstract 100799	The Effect of the Introduction of Tilapia on the Fish Population in a Closed System Reservoir in Northern Arkansas <i>S. Henry* and S. Barkley</i> Abstract 100698	Demographic Differences in Northern Gulf of Mexico Red Snapper Reproductive Maturation: Implications for the Unit Stock Hypothesis <i>M. Jackson*, J. Cowan Jr. and D. Nieland</i> Abstract 100854	Combined Nitrogen and Phosphorus Fertilization for Controlling Golden Alga in Fish Culture Ponds <i>G. Kurten, A. Barkoh, L. Fries and D. Begley*</i> Abstract 100752	4:00P
Use of Stocked Red Drum to Address Fishery Issues: the South Carolina Model <i>W. Jenkins*, T. Smith and M. Denson</i> Abstract 100840		Age and Size-based Estimates of Fecundity and Relative Production for Red Snapper in U.S. Gulf of Mexico Waters <i>C. Porch, G. Fitzhugh*, M. Jackson, M. Duncan and L. Collins</i> Abstract 100824	Can Barley Straw and the Probiotic, Liquid Live Micro-Organism System, Control <i>Prymnesium parvum</i> and Improve Water Quality for Fish Production? <i>A. Barkoh*, W. Schlechte, J. Paret, D. Lyon and S. Hamby</i> Abstract 100817	4:20P
A Fine-scale Study of Temporal and Spatial Variability in Habitat Use by Early Life Stages of Estuarine Fishes With a Focus on Red Drum <i>M. Fencil*, S. Holt and G. Holt</i> Abstract 100872		Population Structure and Historical Demography of Red Snapper From the Northern Gulf of Mexico <i>J. Gold*, E. Saillant and C. Pruett</i> Abstract 100680		4:40P
		A Review of Gulf of Mexico Red Snapper Movement Studies: Implications for Population Structure <i>W. Patterson III*</i> Abstract 100844		5:00P

February 12 Sunday

* denotes presenter

Session	Instream Flow Symposium	Marine Fisheries II	Largemouth Bass	
Room	Texas Ballroom A	Texas Ballroom B	Texas Ballroom C	
Moderator	Kevin Mayes	Paul Silva	Dan Michaelson	
8:00A	<p>Aquifer-dependent Fishes of Central and Western Texas</p> <p><i>G. Garrett* and R. Edwards</i> Abstract 100667</p>	<p>Habitat Use Patterns of Newly Settled Spotted Seatrout in Three Texas Bays</p> <p><i>T. Neahr* and G. Stunz</i> Abstract 100858</p>	<p>Temporal Trends in Largemouth Bass Mortality</p> <p><i>M. Allen* and C. Walters</i> Abstract 100687</p>	
8:20A	<p>Freshwater Inflow Needs of the Matagorda Bay System</p> <p><i>R. Solis*, B. Cook and R. Anderson</i> Abstract 100877</p>	<p>Evolution of Texas Parks and Wildlife Department's Approach to Managing Spotted Seatrout Populations Following Freeze Events</p> <p><i>K. Spiller*, P. Choucair and R. Hensley</i> Abstract 100734</p>	<p>The Introduction History of Naturalized Largemouth Bass in Kenya and Its Potential for Aquaculture Through Induced Spawning</p> <p><i>D. Oenga* and E. Wangila</i> Abstract 100714</p>	
8:40A	<p>Demand for Southeastern Oklahoma's Water: Will We Leave Enough in the Rivers for the Biota?</p> <p><i>W. Fisher*</i> Abstract 100836</p>	<p>Epibenthic Survey of Larval Black Drum Habitat in the Baffin Bay System</p> <p><i>K. Kelly, J. Purviance, M. Soto and J. Wilson*</i> Abstract 100855</p>	<p>Impact of Tournaments on the Largemouth Bass Population at Sam Rayburn Reservoir</p> <p><i>M. Driscoll*, J. Smith and R. Myers</i> Abstract 100719</p>	
9:00A	<p>Managing Freshwater Inflows to Estuaries: an Application of the DermoWatch Program</p> <p><i>S. Ray*, T. Soniat, E. Kortright and L. Robinson</i> Abstract 100826</p>	<p>Some Evidence for Anadromy in the Black Drum Populations in Baffin Bay, Texas</p> <p><i>J. Purviance*, J. Wilson, K. Kelley and M. Soto</i> Abstract 100796</p>	<p>Movement, Behavior and Home Ranges of Tournament-displaced Black Bass in Lake Martin, Alabama</p> <p><i>R. Hunter* and M. Maceina</i> Abstract 100739</p>	
9:20A	<p>Effect of River Flows on Growth Patterns of Redbreast Sunfish in Three Coastal Floodplain Rivers in Southeastern Georgia</p> <p><i>D. Harrison*, S. Sammons and M. Maceina</i> Abstract 100865</p>	<p>Trends in Texas Populations of Gulf Flounder Following Management Measures Targeting Southern Flounder</p> <p><i>L. Williams*, G. Bowling and R. Hensley</i> Abstract 100845</p>	<p>Cold in the Tropics?: Implications of Winter on Growth and Survival of Age-0 Florida Largemouth Bass</p> <p><i>M. Rogers* and M. Allen</i> Abstract 100774</p>	
9:40A	<p><i>Cycleptus elongatus</i> Life History Studies on the Lower Colorado River, Texas, as Part of the LCRA/SAWS Water Project</p> <p><i>E. Oborny, J. Webster*, B. Cook and C. Bunt</i> Abstract 100878</p>	<p>Spatial Variation in Biochemical Condition and Growth of Newly Settled Southern Flounder</p> <p><i>L. Glass*, J. Rooker, G. Holt and R. Kraus</i> Abstract 100764</p>	<p>Theoretical Model for Prey Size of Largemouth Bass</p> <p><i>G. Wilde and D. Knabe*</i> Abstract 100814</p>	
10:00A	BREAK			

* denotes presenter

February 12 Sunday

Marine Fisheries III	Fisheries Science & Techniques	Red Snapper Symposium	Paddlefish & Sturgeon	Session
Executive Salon 1	Executive Salon 2	Executive Salon 3	Executive Salon 4	Room
George Guillen	Bob Betsill	Will Patterson	Gene Gilliland	Moderator
Evaluating Fisheries Benefits of Restored Oyster Reefs Along an Environmental Gradient <i>K. Gregalis* and S. Powers</i> Abstract 100754	Nonannual Reproduction of Female Mucketts <i>Actinonaias ligamentina</i> <i>J. Layzer*</i> Abstract 100801	Potential Changes in Age Structure of Red Snapper from 1977 to 2004 Due to Fishing Pressure Along the US Atlantic Coast <i>S. McInerney* and J. Potts</i> Abstract 100821	Delayed Mortality and Movements of Paddlefish Released as Bycatch in the Lower Tennessee River <i>J. Kerns* and P. Bettoli</i> Abstract 100696	8:00A
Oyster Reef as Essential Habitat for Finfishes and Invertebrates <i>G. Stuntz*, T. Minello and L. Rozas</i> Abstract 100834	Evaluation of a Nonlethal Technique for Determining Gender of Freshwater Mussels <i>S. Saha* and J. Layzer</i> Abstract 100704	Red Snapper Bycatch in the Gulf of Mexico Shrimp Fishery: A Review <i>B. Gallaway*, J. Cole, L. Martin and J. Nance</i> Abstract 100703	Reproduction and Habitat Use of Paddlefish in Ozark Lake, Arkansas River, Arkansas <i>S. Donabauer*, J. Stoeckel and J. Quinn</i> Abstract 100833	8:20A
Comparisons of Population Structure in Western Gulf of Mexico Species of Menhaden: A Genetic Perspective <i>J. Anderson*, W. Karel, J. Smith and B. Mobley</i> Abstract 100728	Swimming Performance of Five Warmwater Stream Fish Species <i>M. Scott* and D. Magoulick</i> Abstract 100686	The Performance of the "Gulf Fisheye" Bycatch Reduction Device in the United States Gulf of Mexico Shrimp Fishery <i>D. Foster*</i> Abstract 100779	Movements and Habitat Preferences of the Juvenile Lake Sturgeon in the Upper Tennessee River System, USA <i>M. Huddleston* and J. Wilson</i> Abstract 100839	8:40A
Correlative Relationship of Annual Brown Shrimp Catch to Nursery and Hypoxia Areas in the Northwestern Gulf of Mexico <i>R. Zimmerman, J. Nance, and R. Hart*</i> Abstract 100683	Relation Between Floodplain Lake Fish Communities and River Connectivity in the Lower White River, Arkansas <i>S. Clark*, J. Jackson and S. Lochmann</i> Abstract 100745	Behavior and Swimming Performance of Red Snapper: Its Application to Shrimp Trawl Bycatch Reduction <i>G. Parsons*</i> Abstract 100688	Lake Sturgeon Reintroduction in the Coosa River System <i>J. Bezold* and D. Peterson</i> Abstract 100813	9:00A
Species Composition and Annual, Seasonal, and Spatial Variability of Fish and Macroinvertebrate Assemblages in the Texas Surf Zone <i>P. Trial*, K. Spiller, R. Blankinship and K. Meador</i> Abstract 100756	The Effect of Temperature and Forage Fish Abundance on Reservoir Striped Bass Distribution <i>J. Thompson* and J. Rice</i> Abstract 100815	Analysis of the Relationship between Shrimp and Juvenile Red Snapper Distributions on Large Temporal and Spatial Scales <i>S. Diamond* and Y. Wang</i> Abstract 100793	Population Status and Habitat Use of Shortnose Sturgeon in the Altamaha River, Georgia <i>R. DeVries* and D. Peterson</i> Abstract 100866	9:20A
The Impact of Large Schools of Migratory Cownose Rays on Local Shellfish Populations: Density-dependent Predation and Source-sink Dynamics <i>S. Powers*</i> Abstract 100776	Experience as a Hutton Junior Fisheries Biologist <i>N. Bertrand* and M. Gonzales</i> Abstract 100785	Reductions and Changes in Shrimp Trawl Fishing Effort in the Gulf of Mexico <i>B. Gallaway*, J. Cole, L. Martin and J. Nance</i> Abstract 100702	Prey Item Investigations for Sturgeon in Three South Carolina River Systems: Preliminary Results <i>W. Post*, M. Collins, G. Norwood and A. Hazel</i> Abstract 100765	9:40A
BREAK				10:00A

February 12 Sunday

* denotes presenter

Session	Instream Flow Symposium	Marine Fisheries II	Largemouth Bass	
Room	Texas Ballroom A	Texas Ballroom B	Texas Ballroom C	
Moderator	Bryan Cook	Barbara Gregg	Dan Michaelson	
10:20A	<p>Colorado River Flow Relationships to Aquatic Habitat Study as Part of the LCRA/SAWS Water Project</p> <p><i>E. Oborny, M. Robertson* and J. Trungale</i></p> <p>Abstract 100879</p>	<p>Seagrass Protection Initiative in the Redfish Bay State Scientific Area</p> <p><i>D. Pridgen*</i></p> <p>Abstract 100724</p>	<p>Largemouth Bass Population Characteristics in the Lower 11 Pools of the Arkansas River</p> <p><i>B. Batten*, M. Eggleton, S. Lochmann and H. Schramm</i></p> <p>Abstract 100830</p>	
10:40A	<p>ENSO Impacts Translated to the Watershed Scale: Estuarine Salinity Patterns Along the Texas Gulf Coast, 1982 to 2004</p> <p><i>J. Tolan*</i></p> <p>Abstract 100744</p>	<p>A Synoptic Survey for Non-indigenous Ichthyofauna in Selected Tidal Bayous of Galveston Bay</p> <p><i>L. Robinson, J. Culbertson* and W. Karel</i></p> <p>Abstract 100809</p>		
11:00A	<p>Predicting the Effect of Hydropeaking Releases upon Endemic Warmwater Stream Fishes in a Virginia Tailwater</p> <p><i>G. Buhyoff* and D. Orth</i></p> <p>Abstract 100850</p>	<p>Impacts of a New Tidal Inlet on Estuarine Nekton: The Opening of Packery Channel in Corpus Christi, Texas</p> <p><i>M. Reese*, G. Stunz and A. Bushon</i></p> <p>Abstract 100808</p>		
11:20A	<p>Texas Instream Flow Program Reconnaissance Efforts</p> <p><i>K. Aziz* and K. Mayes</i></p> <p>Abstract 100889</p>	<p>Marine Fisheries and Ecosystem-based Management: Is the National Coastal Assessment the Link?</p> <p><i>J. Simons*</i></p> <p>Abstract 100848</p>		
11:40A	<p>Development and Effectiveness of the Biological Condition Gradient in a Warmwater River With Implications to Instream Flow Assessments</p> <p><i>T. Bonner*, K. Saunders, D. Runyan and C. Williams</i></p> <p>Abstract 100881</p>	<p>The Arroyo Colorado Revisited: An Ecological Survey of the Arroyo Colorado, Texas, 2001-2003</p> <p><i>M. Lingo*, D. Blankinship and P. Trial</i></p> <p>Abstract 100707</p>		

Have a Safe Trip Home!!

* denotes presenter

February 12 Sunday

Marine Fisheries III Executive Salon 1	Fisheries Science & Techniques Executive Salon 2	Red Snapper Symposium Executive Salon 3	Paddlefish & Sturgeon Executive Salon 4	Session Room
Barbara Dorf	Bob Betsill	Dave Nieland	Gene Gilliland	Moderator
Using Acoustic Telemetry to Estimate Fishing and Natural Mortality of Common Snook in Sarasota Bay, Florida <i>J. Bennett* and W. Pine III</i> Abstract 100780	Testing the Validity of Cating's (1953) Method for Age Determination of American Shad Using Scales <i>R. McBride*, M. Hendricks and J. Olney</i> Abstract 100723	Reconstructing the Commercial Landings of Red Snapper in the Gulf of Mexico from 1872 to 1962 <i>C. Porch, S. Turner* and M. Schirripa</i> Abstract 100761	Spawning Stock Composition and Migratory Characteristics of Adult Atlantic Sturgeon in the Altamaha River, Georgia <i>P. Schueller* and D. Peterson</i> Abstract 100730	10:20A
Dynamic Surplus Production Models for Analyzing the Texas Commercial Blue Crab Fishery <i>G. Sutton* and T. Wagner</i> Abstract 100810	Efficacy of Oxytetracycline Marking Fingerling Palmetto Bass in Hard Water <i>R. Mauk*</i> Abstract 100778	The Snapper Fishery in the Gulf of Mexico: An Historical Perspective and Management Implications <i>R. Shipp*</i> Abstract 100674		10:40A
Ecology of Inshore Lizardfish in the Northern Gulf of Mexico <i>S. Jeffers* and W. Patterson</i> Abstract 100860	Habitat Selection of Juvenile Robust Redhorse in an Experimental Mesocosm: Implications for Developing Sampling Protocols <i>D. Mosley* and C. Jennings</i> Abstract 100868	A History of Red Snapper Management in the Gulf of Mexico <i>R. Hood*, A. Strelcheck and P. Steele</i> Abstract 100741		11:00A
Species Identification of Sciaenid Fish Eggs in Aransas Bay, Texas, by Molecular Species-specific Markers <i>L. Carreon-Martinez*, G. Holt, S. Nunez and S. Holt</i> Abstract 100693	Evaluating Effects of Size-selective Harvest on Growth Parameter Estimates <i>M. Catalano*, M. Rogers and M. Allen</i> Abstract 100823	An Assessment of the Red Snapper Fishery in the U.S. Gulf of Mexico Using a Spatially-explicit Age-structured Assessment Model <i>C. Porch*</i> Abstract 100759		11:20A
Texas Abandoned Crab Trap Removal Program <i>A. Morris*</i> Abstract 100705	A Preliminary Ecopath-Ecosim Model of a North Carolina Reservoir Foodweb: Challenges, Insights, and Future Directions <i>L. Davias*, J. Buckel and J. Rice</i> Abstract 100852	Rebuilding Red Snapper: Future Challenges Confronting Fishery Managers and Ongoing Management Activities <i>A. Strelcheck*, P. Hood and P. Steele</i> Abstract 100716		11:40A

Thanks for Coming!!

2006 SDAFS Spring Meeting Poster Session

The effect of different combination ratios on yield of tilapia *Oreochromis niloticus* and African catfish *Clarias gariepinus* in fertilized earthen ponds - Mayoli*, E.M., Ngugi C.C., and Rasowo O.J. *Moi University Department of Fisheries and Aquatic sciences, P.O. Box 1125, Eldoret, Kenya*

Biotic diversity of mid-shelf bank communities in the northwestern Gulf of Mexico - Friess*, C., Kraus, R.T., and Rooker, J.R. *Texas A&M University at Galveston*

Evaluation of the Use of Personal Digital Assistants (PDAs) For Collecting Angler Survey Data - Lang, Thomas J.*, Neal, J. Wesley, and Hutt, Clifford P. *University of Arkansas at Pine Bluff, Aquaculture/ Fisheries Center of Excellence 1200 North University Drive Mail Slot 4912, Pine Bluff AR, 71601*

Population densities and habitat affinities of the threatened blackside dace (*Phoxinus cumberlandensis*) - Black*, T.R., and Mattingly, H.T. *Tennessee Tech University*

Evaluation of two types of gravel for use as sunfish attractors - Crawford*, S.M. *Florida Fish and Wildlife Conservation Commission (FWC)*

Validation of daily growth increment formation in the otoliths of juvenile Brazos River fishes - Durham*, B.W., and Wilde, G.R. *Department of Range, Wildlife, and Fisheries Management, Texas Tech University, Lubbock, TX*

Atlantic Croaker Maturation and Spawning in Texas Marine Waters - McDonald, D.L. and B.W. Bumgardner, *Texas Parks and Wildlife Department (TPWD), Palacios, Texas*

Characterization of exposure of a tilapid (*Oreochromis mossambicus*) residing in a water reclamation facility - Paulos*, P.M. and LaPoint, T.W. *University of North Texas*

The Early Life History of Marine Fishes: A Graduate Course in Larval Fish Identification and Ecology - Olney, John E., *Virginia Institute of Marine Science, College of William and Mary, Gloucester Point, VA*, and Houde, Edward D. *University of Maryland Center for Environmental Science, Chesapeake Biological Laboratory, Solomons, Maryland*

Movements of blue marlin in the Gulf of Mexico recorded with PAT tags - Richard T. Kraus* and Jay R. Rooker *Texas A&M University at Galveston*

Feeding Habits of juvenile Black Drum (*Pogonias cromis*) from South Texas creeks - Kelley*, K.M., Purviance, J.R., Wilson, J.K., and Soto, M.A. *Texas A&M University-Kingsville Department of Biology, Kingsville, TX*

Adult Paddlefish Survival in Ozark Lake, Arkansas River, Arkansas - Donabauer*, S.B., Stoeckel, J.N. *Arkansas Tech University, Russellville, AR* and Quinn, J.W. *Arkansas Game and Fish Commission (AGFC), Mayflower, AR*

Ichthyofaunal differences between oyster reef and littoral estuarine habitats with emphasis on spotted seatrout (*Cynoscion nebulosus*) sexual digeography - Balboa*, W.A., McDonald, D.L., and Harper, J.O. *Texas Parks and Wildlife Department (TPWD) Coastal Fisheries Division, Palacios, TX*

Components of Fishing Mortality for Largemouth Bass at Sam Rayburn Reservoir with Implications for Alternative Length Limits - *Smith*, J., and Driscoll, M.T., Texas Parks and Wildlife Department, Jasper, TX and Myers, R.A., Texas Parks and Wildlife Department, San Antonio, TX*

Instantaneous growth and mortality estimates of age-0 carpsuckers *Carpionodes spp.* in the Oconee River, Georgia - *Cull Peterson*, R. Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forest Resources, University of Georgia, Athens, GA, and Jennings, C.A. US Geological Survey, Georgia Cooperative Fish and Wildlife Research Unit, Warnell School of Forest Resources, University of Georgia, Athens, GA*

Salinity tolerance of goldfish: a widely-distributed non-native cyprinid in the U.S.A. - *Schofield, P. J., Brown, M. E., and Fuller, P. U.S. Geological Survey, Gainesville, FL.*

Fishery Impact Monitoring of Open-Rack Vaporization LNG Facilities - *Lee*, J.D., Vittor, B. A., and Clardy, T.R. Barry Avittor & Associates, Inc., Mobile, AL*

Field Guide to Freshwater Fishes of Texas - *Thomas*, C.T., Bonner, T.H., and Whiteside, B.G. Texas State University at San Marcos*

Towards meeting the increasing demand for fish in the Lake Victoria basin through aquaculture development - *Nyanchiri*, D. and Mwikali, E. Kegati Aquaculture Research Station, P.O Box 3259, Kisii, Kenya*

Induction of Apoptosis by Ultraviolet Light Inactivated Largemouth Bass Virus in Bluegill Fry-2 Cells - *Treadaway*, B., and Aron, G.M. Texas State University—San Marcos. Department of Biology, San Marcos, TX*

2006 Southern Division AFS Spring Meeting Steering Committee

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Registration – Paula Hawkins, Texas Parks and Wildlife Department

Coastal Fisheries Issues – Lance Robinson, Texas Parks and Wildlife Department

Communications – Fred Janssen, Texas Parks and Wildlife Department

A-V – Danny Lewis, Texas Parks and Wildlife Department

Student Activities - Fran Gelwick, Texas A&M University

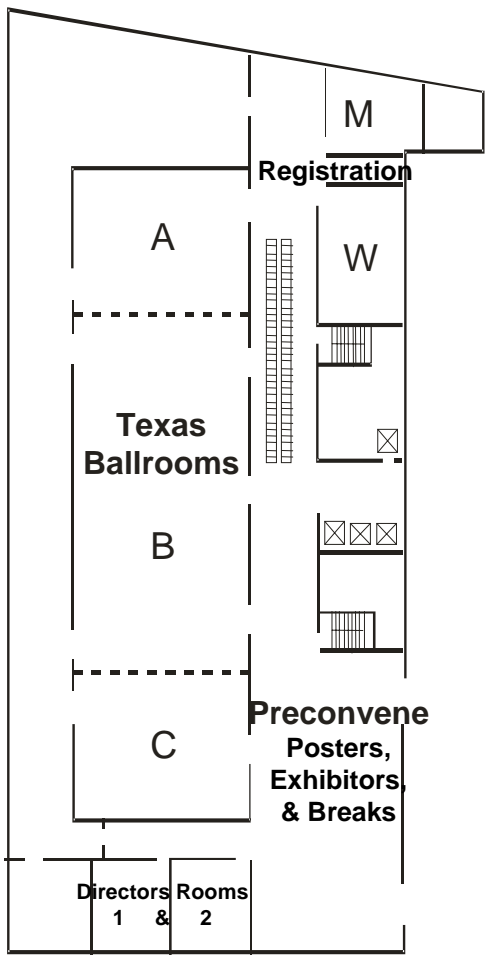
Mark Webb, Texas Parks and Wildlife Department

Signs – Debbie Wade, Texas Parks and Wildlife Department

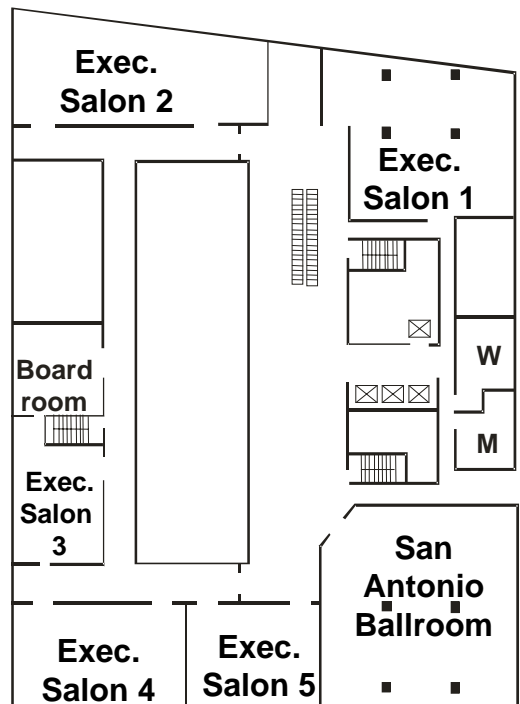
Workshops – John Taylor, Texas Parks and Wildlife Department

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