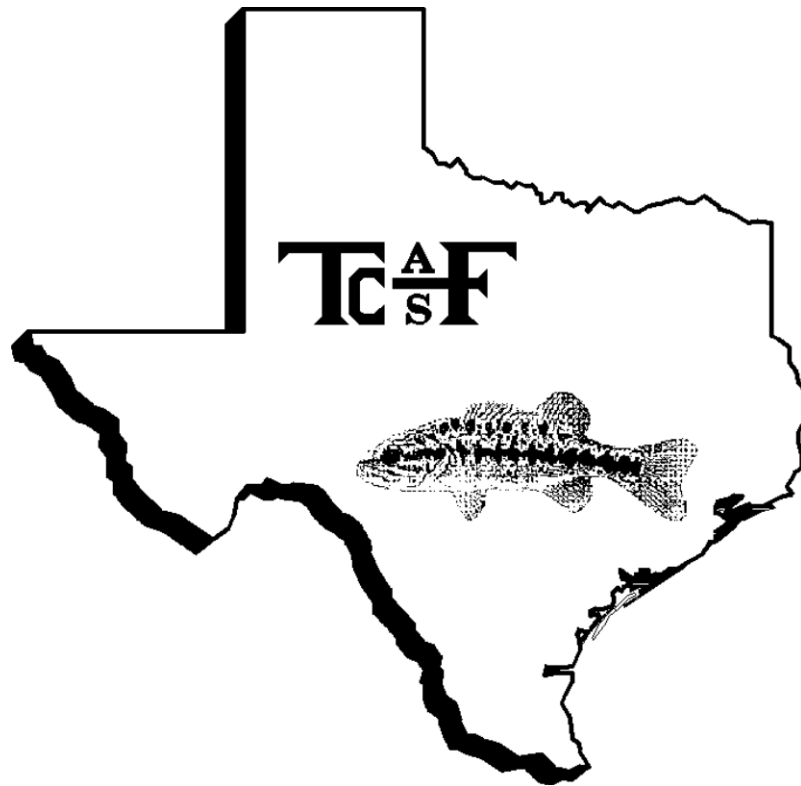


2010 Annual Meeting of the Texas Chapter American Fisheries Society



January 21st – 23rd, 2010

Athens, Texas

MEETING SCHEDULE

Thursday, January 21st

Continuing Education	3:00 pm to 5:00 pm
<i>Benefits of AFS Professional Certification – Aaron Jubar</i>	
<i>Digital Photography Basics – Larry Hodge</i>	
Registration	3:00 to 7:00 pm
A/V Set-up for presenters	3:00 to 7:00 pm
Student/Professional Mixer.....	6:30 to 9:30 pm

Friday, January 22nd

Registration	7:00 am to 12:00 pm
Plenary Session	8:00 to 9:40 am
Break	9:40 to 10:00 am
Plenary/Technical Session	10:00 am to 12:00 pm
Lunch (provided)	12:00 to 1:00 pm
Technical Session	1:00 to 3:00 pm
Break	3:00 to 3:15 pm
Technical Session	3:15 to 5:00 pm
TFFC Tour (self-guided)	5:00 to 6:00 pm
Poster Session	5:00 to 9:00 pm
Dinner and Awards Presentations.....	6:00 to 7:00 pm
Social*.....	7:00 to 10:00 pm

*Raffle and auction will be held during the social

Saturday, January 23rd

Past President's Breakfast (<i>Tilo's Restaurant, Athens</i>).....	6:45 to 7:45 am
Technical Session	8:00 to 11:00 am
Break	11:00 to 11:15 am
TCAFS Business Meeting	11:15 to 12:30 pm
Closing Remarks	12:30 pm
Adjourn	

PLENARY SESSION

Friday, January 22nd

8:00 *Welcome* – Brian Van Zee, TCAFS President

Plenary Session: Future Impacts to Management of Fish and Aquatic Systems in Texas

8:10 *Texas climate: past changes and future projections*
John Nielsens-Gammon

8:40 *Demographic changes in Texas*
Karl Eschbach

9:10 *An evolving profession: how fisheries management has changed in the far west*
Scott Bonar

9:40 *Break. Presentations resume at 10:00 am.*

10:00 *Supporting aquatic habitat programs through instream flow assessments*
Doyle Mosier and Kevin Mayes

10:15 *Texas estuaries: state of the bays*
Cindy Loeffler

10:30 *Water-level effects on reservoir habitat and access*
Dan Daugherty

10:45 *Application of the NFHAP national fish habitat assessment as a conservation planning tool in Texas*
Tim Birdsong, Gary P. Garrett, and Peter Esselman

11:00 *Texas' most problematic invasive aquatic species*
Earl Chilton and Gary Garrett

TECHNICAL SESSION 1

Friday, January 22nd

- 11:15 *Ecosystem-level impacts of invasive suckermouth catfish (Loricariidae) on the San Marcos River, Texas*
W. H. Nowlin*, C. L. Pray, S. E. Scott, C. M. LeBoeuf, K. L. Cohen, T. H. Bonner, and Y. Zhang
- 11:30 *Distribution and abundance of billfish larvae in the northern Gulf of Mexico*
J. R. Simms* and J. R. Rooker
- 11:45 *Water spinach risk assessment and monitoring*
E. Chilton II*, J. Gray, and M. Webb
- 12:00 *Adjourn for lunch (provided). Presentations resume at 1:00 pm.*
- 1:00 *Conservation of desert stream fish assemblages in the Trans-Pecos region of Texas*
S. Miyazono* and C. Taylor
- 1:15 *Management implications of coastal invasive species*
L. D. Hartman
- 1:30 *Movement patterns of *Etheostoma fonticola* in a headwater stream channel*
N. T. Dammeyer*, C. T. Phillips, and T. H. Bonner
- 1:45 *Evaluation of regulatory protection of seagrasses in the Redfish Bay State Scientific Area*
P. Trial*, F. Grubbs, and M. Fisher
- 2:00 *Ecology and evolution of the Amazon molly, *Poecilia formosa**
M. Tobler*, K. Scharnweber, and I. Schlupp
- 2:15 *Use of paired-frame trawls to sample open-water forage fish communities in Texas reservoirs*
A. Labay*, M. Weeks, and D. Buzan
- 2:30 *Web clientele evaluation of AQUAPLANT: a website for aquatic plant identification and management*
M. P. Masser* and Satoshi Kamata
- 2:45 *Hydrologic and geomorphic controls on fish and mussel assemblages in the upper Neches River watershed*
M. J. Troia*, L. R. Williams, and N. B. Ford
- 3:00 *Break. Presentations resume at 3:15 pm.*

- 3:15 *Comparison of catfish harvest among angling gear types at Choke Canyon Reservoir*
J. Findeisen
- 3:30 *Viral infection surveillance of bait shrimp in four Texas bays*
R. Adami and Y. S. Juan*
- 3:45 *Patterns of endemism and species richness of fishes of the western gulf slope*
R. J. Maxwell* and T. H. Bonner
- 4:00 *Comparison summary of historical and current impingement, entrainment, and ambient data characterization studies with industrial water intakes on the upper Texas coast*
K. Schlicht*, J. Isaacs, J. Stephens, W. Stephens, and M. Gerath
- 4:15 *Use of high frequency acoustic technology to monitor fish*
D. Buzan*, M. Weeks, and A. Labay
- 4:30 *Mercury contamination of the fish community of a semi-arid and arid river system: spatial variation and the influence of environmental gradients*
A. Smith*, A. A. Abuzeineh, M. M. Chumchal, T. H. Bonner, and W. H. Nowlin
- 4:45 *ROV surveys of snapper-grouper-grunt complex on natural banks in the Gulf of Mexico*
M. A. Dance*, J. R. Rooker, and R. T. Kraus
- 5:00 *Adjourn*
- 6:00 *Dinner and awards presentations*
- 7:00 – 10:00 *Social (raffle and auction will be held during social)*

TECHNICAL SESSION 2

Saturday, January 23rd

- 6:45 *Past-Presidents Breakfast at Tilo's Restaurant (Athens)*
- 8:00 *Characterization of reef fish recruits on low and high diversity banks in the northwestern Gulf of Mexico*
L. S. Wetmore*, J. R. Rooker, R. J. D. Wells, and R. T. Kraus
- 8:15 *Fairfield Lake fish kill assessment, 2003 – 2009*
G. Conley*, A. Whisenant, and R. Ott

- 8:30 *Spatial and temporal patterns in lower Rio Grande fish assemblage*
M. G. Bean*, P. T. Bean, and T. H. Bonner
- 8:45 *Development of a non-invasive gender identification protocol for the spotted seatrout, *Cynoscion nebulosus**
I.A. Khan*, R. J. Kline, G. J. Holt, and R. R. Vega
- 9:00 *Environmental influences on fish community structure and functional diversity in streams of the Brazos and Trinity River basins*
A. Pease*, J. Taylor, R. King, and K. Winemiller
- 9:15 *The distribution and status of *Hybopsis amnis* (Hubbs and Greene 1951): an analysis of drainage occupancy from historical records*
M. C. Compton
- 9:30 *Status of the spotted seatrout *Cynoscion nebulosus* in Aransas Bay*
C. Mace*, M. Fisher and N. Ahrens
- 9:45 *Spatial variability in the distribution and bioaccumulation of mercury in a subtropical reservoir system*
J. Becker*, A. W. Groeger, M. M. Chumchal, W. H. Nowlin, and D. Hahn
- 10:00 *Spatial and temporal fish community assessment on major subbasins of the lower Brazos River watershed*
B. Labay*, R. Maxwell, and T. Bonner
- 10:15 *The San Jacinto River watershed management initiative: a model for integrated resource management*
M. Webb
- 10:30 *Assessing the impact of Hurricane Ike on oyster reefs using acoustic techniques and direct on-going restoration efforts in Galveston Bay, Texas*
J. Rohrer*, J. Bauer, W. Rodney, D. Westbrook, L. Robinson, J. Carlin, A. Baker, and T. M. Dellapenna
- 10:45 *Distribution, status and habitat associations of the Devils River Minnow in Pinto Creek, Kinney County, Texas*
B. P. Fleming*, W. S. Schlechte, and D. L. Buckmeier
- 11:00 *Break. Business meeting commences at 11:15 am*
- 11:15 *TCAFS Business Meeting*
- 12:30 *Adjourn*

POSTER PRESENTATIONS

Texas Parks and Wildlife southern flounder stock enhancement: update and future plans

C. S. Bonnot*, D. Abrego, J. L. Bixby, and C. R. Moore

A preliminary assessment of oyster reef and shoreline habitat use by estuarine finfish in East Matagorda Bay and Galveston Bay, Texas

W. Balboa, B. Bowling, and M. Stahl*

Diel turnover in a species-poor floodplain river

K. Roach*

Preliminary species distribution models for freshwater fish species of Texas

B. Labay*, B. Sissel, A. Cohen, D. Hendrickson, and T. Bonner

Habitat associations, life history, and diet of the blackspot shiner, *Notropis atrocaudalis*

P. T. Bean*, C. S. Williams, P. H. Diaz, and T. H. Bonner

Assessing changes in areas scarred by boat propellers between 2007-2009 using ArcGIS for Redfish Bay, TX

F. Grubbs*, A. Summers, and M. Fisher

Texas commercial license buyback exit survey preliminary results 2000-2009

T. R. Wiley*, A. D. Morris, and B. L. Bohnsack

Changes in abundance of two non-game species: Atlantic threadfin and Atlantic bumper

J. Harper, L. Hartman*, W. Balboa, and N. Boyd

Effect of shoreline characteristics on largemouth bass condition in Lubbock lakes

S. Jones*, C. Munger, and D. Rogowski

Landuse and temporal influence on the macroinvertebrate assemblages of tributaries of the Brazos River

F. Lash*, T. H. Bonner, W. H. Nowlin, and Y. Zhang

Recent observations on day-time versus night-time electrofishing for black bass in five central Texas reservoirs

M. S. Baird* and J. Tibbs

Geographic distribution and historical trends of species within the Trinity River, Texas

G. Guillen*, J. Wrast, D. Ramirez, and P. Lokanath

Construction of river fish community guilds using life history characteristics and multivariate classification methods: case study Trinity River, Texas

G. Guillen*, J. Wrast, and D. Ramirez

Effectiveness of a no-take zone on benthic reef fish populations in the Wakatobi National Park, SE Sulawesi

G. N. Ahmadi* and F. L. Pezold