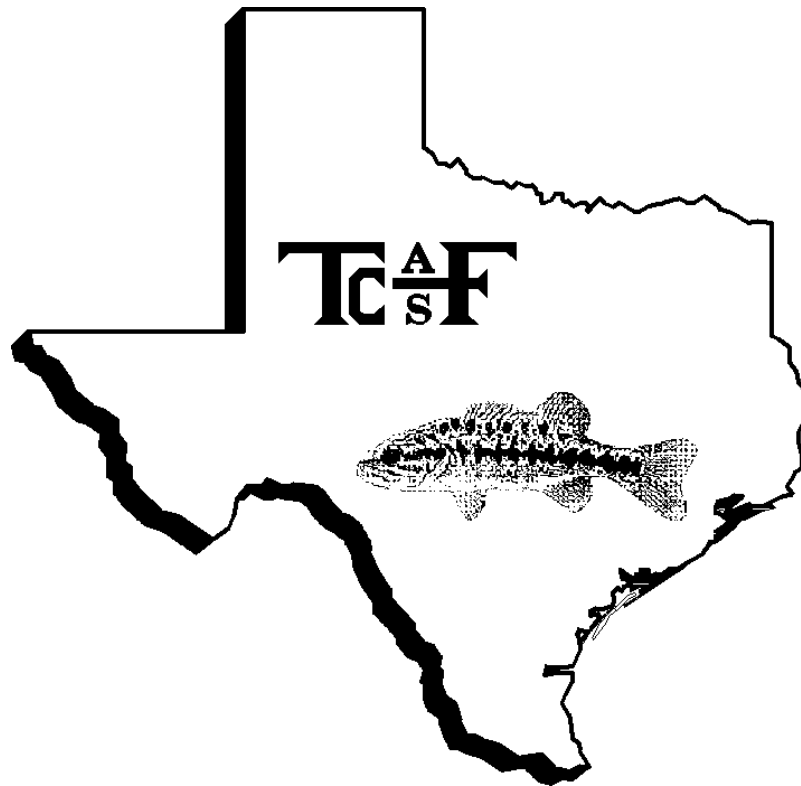


**2008 Annual Meeting of the Texas
Chapter
American Fisheries Society**



January 17th – 19th, 2008

**Junction, Texas
Texas Chapter**

MEETING SCHEDULE

Thursday, January 17th

Float Trip	10:00 am to 2:00 pm
Continuing Education	3:00 pm to 5:00 pm
Registration.....	5:00 to 7:00 pm
A/V Set-up for presenters	6:00 to 8:00 pm
Opening Social.....	7:00 to 11:00 pm

Friday, January 18th

Registration.....	7:00 to 12:00 am
Plenary Session	8:00 to 10:00 am
Break.....	10:00 to 10:20 am
Technical Session 1	10:20 to 12:00 pm
Lunch (on your own)	12:00 to 1:40 pm
Technical Session 2	1:40 to 3:00 pm
Break.....	3:00 to 3:20 pm
Technical Session 2 cont.....	3:20 to 5:00 pm
Poster Session	5:00 to 9:00 pm
Dinner	6:00 to 7:00 pm
Social*	7:00 to 10:00 pm

*Raffle and auction will be held during the social

Saturday, January 19th

Technical Session 3	8:00 to 10:00 am
Break.....	10:00 to 10:20 am
TCAFS Business Meeting	10:20 to 12:00 pm
Closing Remarks.....	12:00 pm
Adjourn	

PLENARY SESSION

Friday, January 18th

- 8:00 *Welcome* – Art Morris, TCAFS President
- 8:10 *Plenary Session – Native Fish Conservation and Game Fish Management—
Conflict or Compatibility* – Introduction by Tim Bonner, TCAFS President-Elect
- 8:20 *Conflicts between native fish and nonnative sport fish management in the
southwestern United States*
Robert W. Clarkson*, Paul C. Marsh, Sally E. Stefferud, and Jerome A. Stefferud
- 8:50 *The Volunteer State's integration of imperiled and sport fish management
programs*
Philip W. Bettoli* and Frank Fiss
- 9:20 *Finding a balance between conservation and management in Utah*
Jackie M. Watson
- 10:00 **Break. Presentations resume at 10:20 am.**

TECHNICAL SESSION 1

Friday, January 18th

- 10:20 *Unmanned Autonomous Vehicles: Emerging Cost Effective Technologies for
Fisheries Research and Management*
Hardy, T. B.
- 10:40 *Juvenile Tarpon Distribution in Texas Estuaries 1975 – 2006*
Morris, A. D., and F. Martinez-Andrade*
- 11:00 *Mercury Concentrations of Three Species of Non-game Fish from Caddo Lake,
Texas*
Chumchal, M. M.*, R. W. Drenner, and K. D. Hambright
- 11:20 *An Extant Population of Headwater Catfish, *Ictalurus lupus*, in a Western Gulf
Slope Drainage*
Bean, P. T.*, T. H. Bonner, J. T. Jackson, and M. R. J. Forstner
- 11:40 *Spatio-temporal Differences and Cohabitation of Sand Seatrout (*Cynoscion
arenarius*) and Sliver Seatrout (*C. nothus*) Throughout Texas' Bays and
Immediate Gulf*
McDonald, D.*, J. Anderson, J. Harper, and B. Bumguardner
- 12:00 **Adjourn for lunch (on your own). Presentations resume at 1:40 pm.**

TECHNICAL SESSION 2

Friday, January 18th

- 1:40 *Development of the Upper Brazos River Basin: Effects of Existing and Proposed Reservoirs on Native Fish Abundance*
Durham, B. W.*, and G. R. Wilde
- 2:00 *Seagrass Inventory for Christmas Bay*
Williams, L.
- 2:20 *Distribution and Diet of Larval and Juvenile Fishes in the Rio Grande, Texas*
Runyan, D. T.*, and T. H. Bonner
- 2:40 *Preliminary Evaluation of the Texas Night-time Flounder Gig Fishery*
Cupit, W.* and T. Wagner
- 3:00 **Break**
- 3:20 *A Review of the Study of Heat Shock Proteins in Fishes and Their Potential Use for Understanding Physiological Tolerance*
Urbanczyk, A.*, G. R. Wilde, and B. W. Durham
- 3:40 *Feed Level and Stocking Density Comparisons of Juvenile Spotted Seatrout *Cynoscion nebulosus* Reared in Brackishwater Ponds*
Gamez, R.
- 4:00 *Size Bias and Efficiency of Catfish Sampling Gears*
Buckmeier, D. L.*, and J. W. Schlechte
- 4:20 *Assessment of a Recreational Fishery in North Eastern Mexico*
Vale, A.*, and F. Gelwick
- 4:40 *Environmental Influences on Stream Fish Assemblage Structure in the Brazos and Trinity River Basins*
Pease, A. A.*, and K. O. Winemiller
- 5:00 **Session adjourned. Dinner at 6:00 pm.**

TECHNICAL SESSION 3

Saturday, January 19th

- 8:00 *Conservation Implications of Elasticity Patterns in Great Plains Cyprinids*
Wilde, G. R.*, and B. R. Durham
- 8:20 *Patterns in Fish and Macroinvertebrate Distributions in the Upper Laguna Madre: Seine Catches from 1985 to 2004*
Larimer, A.*, F. Gelwick, and W. H. Neill
- 8:40 *Recovery of the Fishes Affected by the Martin County Coal Slurry Release, Martin Co., KY*
Compton, M. C.*, and C. M. Taylor
- 9:00 *Evaluation of Regulatory Protection of Seagrasses in the Redfish Bay State Scientific Area*
Trial, P.*, D. Pridgen, F. Grubbs, and M. Fisher
- 9:20 *Cumulative Watershed Effects of Forest Logging on Headwater Stream Ecosystems*
Zhang, Y.* and J. S. Richardson
- 9:40 *Characterization of Genetic Structure and Levels of Variation in Wild and Captive Populations of Devils River Minnow*
Conway, C.*, C. Keeler-Foster, and J. Fries
- 10:00 **Break. Business meeting commences at 10:20 am.**

POSTER PRESENTATIONS

Is Dissolved Oxygen Concentration a Major Determinant of Overall Ecosystem Health in Texas Tidal Streams?

Tolan, J, and J. Nelson*

Development of a Database for Evaluation of Historical Trends in Fish Communities of the Trinity River, Texas

Guillen, G.*, D. Ramirez, and D. Crossen

*Characterization of White Trout (*Cynoscion spp.*) in Galveston Bay Using Morphology, Microsatellites and Mitochondrial DNA Markers*

Anderson, J.*, D. McDonald, W. Karel, and B. Bumguardner

*Texas Freeze Simulation and Winter Mortality for Cobia (*Rachycentron canadum*)*

McDonald, D.*, B. Bumguardner, and E. Young

Stream Fish Assemblages in an Urbanizing Watershed

Carter, C.*, S. Curtis*, and F. Gelwick

Community-level Response to Freshwater Inflows: Do We Need a Different Measuring Stick?

Tolan, J.

Changes in Native Aquatic Vegetation and Associated Fish and Macroinvertebrate Assemblages Following Addition of Triploid Grass Carp to Manage Hydrilla verticillata in Lake Conroe, TX

Ireland, P.*, M. Siffuentes, F. Glewick, and M. Webb

Routine Biological Monitoring of the South Llano River near Junction, TX

Cook, B.*, D. Bass, and D. Jurecka

Changes in the Lake Conroe Fishery and Watershed Land Use 1986-2005

Gocke, K.*, F. Gelwick, and M. Webb

Fish assemblages and diversity in high-desert wadeable streams, Nevada, USA

Dailey, W.*, and M. Dillender

Spatiotemporal patterns of fish and macroinvertebrates in the Pedernales River, Texas, U.S.A.

Shattuck, Z.*, and T. Bonner