



VIRGINIA CHAPTER of the
AMERICAN FISHERIES SOCIETY



**Joint Annual Meeting of the Virginia & Virginia Tech Chapters
American Fisheries Society
February 5-7, 2008
Fralin Hall, Virginia Tech
Blacksburg, VA**

Tuesday February 5th

1:00 – 4:00 Contributed Paper Session

1:00 – 1:10 Welcome

1:10 – 1:30 A Multi-Model Approach to the Determination of Individual Growth Using Tag-Recapture Data: A Case Study Using Red Abalone, *Haliotis rufescens*, in California. Robert Leaf *

1:30 – 1:50 A Comparison of Scale and Otolith Aging Methods for Various Centrarchid Species in Virginia. Margaret A. Peirce*, Bradley A. Ray, and Brian R. Murphy.

1:50 – 2:10 Improvements From Multi-Model Estimation: A Shark Length-Growth Case Study. James Thorson *

2:10 – 2:30 Distribution and Movement of Triploid Grass Carp in a Virginia Reservoir. Ben Eberline*, Mike Duncan, and Brian Murphy.

2:30 – 2:50 Break

2:50 – 3:10 First Observation of a Northern Snakehead (*Channa argus*) Nest in North America. Nick LaPointe*.

3:10 – 3:30 Understanding Why Stream Trout Move During Summer. Shannon White*, Arba Williamson*, and Charles Gowan.

3:30 – 3:50 Update on Efforts to Implement Virginia's Wildlife Action Plan. Chris Burkett.

4:10 – 5:30 Virginia Chapter Business Meeting

7:00 – 9:00 Social – Gobbler Restaurant

Wednesday February 6th

8:30 – 11:45 Workshop: Managing Ponds and Small Impoundments: Everything from the Classics to the Latest Hits – Dr. Jeff Slipke, Southeastern Pond Management

11:45 – 1:30 Student-Mentor Lunch

1:30 – 4:30 Contributed Paper Session

1:30 – 1:50 Population Genetic Characterization of Southwestern Virginia Brook Trout (*Salvelinus fontinalis*) Populations. Joanne Davis* and Eric M. Hallerman.

1:50 – 2:10 Bioelectrical Impedance Analysis: A Novel Approach to Fisheries Management. Mike Duncan* and Brian Murphy.

2:10 – 2:30 Trypsin Levels in Age-0 Largemouth Bass From Briery Creek and Sandy River Reservoirs. Bradley A. Ray* and Brian R. Murphey.

2:30 – 2:50 The Natural Range of Variability in a Headwater Brook Trout Population: Mountain Run (1993 – 2007). Morgan Hyatt* and Mark Hudy.

2:50 – 3:10 Break

3:10 – 3:30 The Use of Artificial Stream Shading to Evaluate the Feasibility of Brook Trout Restoration. D. Brad Fink* and Mark Hudy.

3:30 – 3:50 Response to Aquatic Chemistry in an Acid Sensitive Trout Stream From Air Pollution Control Measures. Michelle L. Bender* and Daniel M. Downey.

3:50 – 4:10 Freshwater Mussels (Bivalva:Unionidae) of the South Fork Holston River, Virginia: Declines, Causes, and Recovery. Michael J. Pinder and Joe J. Ferraro.

4:10 – 4:30 The Age and Growth of Atlantic Sturgeon (*Acipenser oxyrinchus oxyrinchus*) in the James River, a 400 Year Study. Matthew Thomas Balazik*.

5:00 – ??? Social – German Club

5:00 – 6:00 Poster Session

- Environmental Conditions and the Shenandoah River Fish Kills: Part II (2007 Update). Stuart W. Cannaday and Thomas R. Benzing.
- Photo Documentation of a Natural Fish Host Infestation by the Federally Endangered Oyster Mussel (*Epioblasma capsaeformis*). Nicholas A. King and Richard J. Neves.
- Results of Water Quality Monitoring in Three Coastal Plain, VA Streams. Mitchell D. Norman.
- Analytical Results for Trace Elements Using ICP-MS for Fish Otoliths, Tissue and Livers Collected in the Shenandoah River System. Wesley L. Storm and Daniel M. Downey.
- Increased Survival of the Endangered Freshwater Oyster Mussel, *Epioblasma capsaeformis* (I. Lea, 1834), Following Feeding With Bacterial Floccs. Meghann E. Vincie*, Steven R. Craig, Ewen McLean, and Richard J. Neves.

Thursday February 7th

8:30 – 11:20 **Contributed Paper Session**

- 8:30 – 8:50 Volunteers at DGIF; A Force for the Future. Tom Wilcox and Jason Hallacher.
- 8:50 – 9:10 Tracking the Black Crappie Population Dynamics of Chickahominy Lake. Scott Herrmann.
- 9:10 – 9:30 Developing Attractive Fish Habitat in Southwest Virginia Impoundments. Tom Hampton, George Palmer and Clifford Kirk.
- 9:30 – 9:50 **Break**
- 9:50 – 10:10 Bowfin! A New Spin on an Old Fish. Eric M. Brittle.
- 10:10 – 10:30 Recruitment Exchange of Smallmouth Bass Between the James and Maury Rivers: Inference From Otolith Chemistry Analyses. Robert Humston, Brant Priest, Brett Carpenter, and Paul Bugas.
- 10:30 – 10:50 Looks Like it Worked! So, Now What? Bob Greenlee.

* Student Presenters