



## 1998 VA Chapter/VA Tech Chapter Joint Meeting

American Fisheries Society

Blacksburg, Virginia

March 27, 28



**March 27, 1998**

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8:00 - 8:30	<b>Registration</b>
8:30 - 9:45	<i>Public and professional values in balancing fisheries management</i> Steve McMullin
9:45 - 10:00	<b>Break</b>
10:00 - 12:00	<i>Public and professional values in balancing fisheries management</i> (cont'd)
12:00 - 1:00	<b>Lunch (on site; covered in registration fee)</b>
1:00 - 2:00	<i>Media strategies for cheapskates</i> Kristen Merriman-Clarke, Editor, <i>Fisheries Magazine</i>
2:00 - 3:00	VA Chapter -AFS Business Meeting
3:00 - 3:15	<b>Break</b>
3:15 - 5:00	VA Chapter -AFS Business Meeting (cont'd)
7:00 - 10:00pm	Poster Reception and Social (Beverages and snacks).

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### **Contributed Posters**

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*Fish host identification for endangered freshwater mussels (Bivalvia: Unionidae) in the upper Tennessee River drainage*

Brian T. Watson\*, Michelle B. Steg, and Richard J. Neves

*A genetic technique for identifying host fishes for freshwater mussels (Bivalvia: Unionidae) of the Clinch River, Virginia and Tennessee*

Brian T. Watson\* and Richard J. Neves.

*Effects of habitat quality on brook trout distribution in two Virginia streams*

John Jordan

*Proposed multi-year fisheries survey of the tidal freshwater James River, Virginia*

Robert L. Simmonds\*, Jr., Dean L. Fowler, and Mitchell D. Norman

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- 8:00 - 8:30      **Registration**
- STREAM ECOLOGY***
- 8:30 - 8:50      *Habitat of the riverweed darter, Etheostoma podostemone, Jordan*  
William J. Connelly
- 8:50 - 9:10      *Streambed stability and hydraulics in spawning habitats of non-game*  
*fishes in the upper Roanoke River, VA*  
Ryan Kennerly Smith
- 9:10 - 9:30      *Ecomorphology guilds: A preliminary assessment of Roanoke River fishes*  
Matthew Chan
- 9:30 - 9:50      *Use of a two-dimensional hydraulic model for evaluating habitat*  
*conditions of stream fishes*  
David Crowder\*, Panos Diplas, Edmund J. Pert, and Donald J. Orth
- 9:50 - 10:10      *Use of hydraulic habitat data collected at multiple spatial scales for*  
*evaluating the use of micro scale habitat data*  
Edmund J. Pert\*, Donald J. Orth, Craig Roghair, David Crowder, and  
Panos Diplas
- 10:10 - 10:30      **Break**
- 10:30 - 10:50      *Field testing a spatially-explicit model for smallmouth bass reproduction*  
*for flow management*  
Donald J. Orth\*, William L. Knotek, Henriette I. Jager, Webster Van  
Winkle
- 10:50 - 11:10      *Long-term changes (1948-1996) in the taxonomic and trophic structure of*  
*stream fish assemblages in the Anacostia River Basin, Maryland*  
Clarke, Christopher\*, Greg Garman, and Steve Mcininch
- 11:10 - 11:30      *Summertime movements of fish in two Virginia mountain streams*  
Charles Gowan
- 11:30 - 11:50      *Morphological differences of fish from different stream mesohabitats*  
Anne Kugler
- 12:00 - 1:00      **Lunch (on site and covered by registration fee)**
- 1:00 - 1:20      *American eel (Anguilla rostrata) density, length, and age characteristics*  
*in the Shenandoah River drainage, Virginia*  
Kevin R. Goodwin\* and Paul L. Angermeier

1:20 - 1:40 *A two-structure age comparison for introduced and native catfishes from a Chesapeake Bay tidal tributary*  
Mark A. King\*, Greg Garman, and Dean Fowler

**RESERVOIR**

1:40 - 2:00 *The assessment of water quality in Virginia's reservoirs: A pilot study using an index of biotic integrity*  
McIninch, Steve\*, Greg Garman, Lou Seivard, Richard Browder

2:00 - 2:20 *Temporal distribution and diet overlap of larval gizzard shad and sunfish in Claytor Lake, Virginia*  
R. J. Small, Jr.\* and John Ney

2:20 - 2:40 *Comparison of pelagic sportfish and black bass diets following a gizzard shad introduction*  
C. Craig Bonds\* and John Ney

2:40 - 3:00 *Walleye in Virginia's small impoundments  
Where do they go? What do they do?*  
Darrell W. Bowman

**ENVIRONMENTAL**

3:00 - 3:20 *Environmental orientation of watershed-based organizations*  
Knapp, M.\* J. Molnar and W. Davies

3:20 - 3:40 **Break**

3:40 - 4:00 *Public values of riparian areas on the Jefferson National Forest*  
Heather Pert\*, Steve L. McMullin, and C. Andrew Dolloff

**FRESHWATER MUSSELS**

4:00 - 4:20 *Recovery status of freshwater mussels in the North Fork Holston River downstream of Saltville*  
William F. Henley\* and Richard J. Neves

**GENETICS**

4:20 - 4:40 *Evaluation of DNA amplification fingerprinting for genetic characterization of brook trout, *Salvelinus fontinalis*, populations in the Shenandoah National Park Area*  
Supawadee Poompuang\*, Eric M. Hallerman, and C. Andrew Dolloff

4:40 - 5:00 *Determination of the native range of the orangefin madtom (*Noturus gilberti*) in Virginia.*  
Mary L. Aiken\* and Mark T. Kopeny

Adjourn