

VIRGINIA CHAPTER *of the*
AMERICAN FISHERIES SOCIETY

PROGRAM

2005 Spring Meeting
Southern Division
American Fisheries Society

10-13 February 2005
Virginia Beach Resort Hotel and Conference
Center

Dedra

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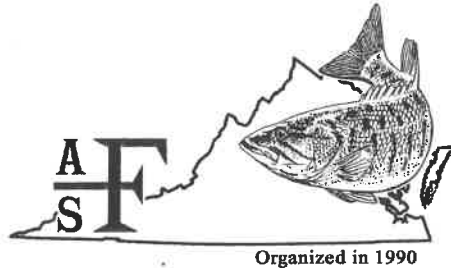
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Southern Division, AFS Spring Meeting 2005

Program Overview

VA Beach Resort Hotel and Conference Center



Thursday, February 10

7:00 a.m. – 5:00 p.m.	Registration	Upper Lobby
3:00 p.m. – 7:00 p.m.	Power Point Talk Loading (Mandatory for all speakers)	Dominion A

Technical Committee Meetings:

9:00 a.m. – 12:00 p.m.	Nongame	Virginia A
9:00 a.m. – 5:00 p.m.	Reservoir	Cape Henry
9:00 a.m. – 5:00 p.m.	Striped Bass	Lynnhaven B
9:00 a.m. – 5:00 p.m.	Aquaculture	Lynnhaven A
9:00 a.m. – 5:00 p.m.	Instream Flow	Chesapeake C
9:00 a.m. – 5:00 p.m.	Warmwater Streams	Virginia B
1:00 p.m. – 5:00 p.m.	Trout	Virginia A
1:00 p.m. – 5:00 p.m.	Catfish	Chesapeake B
1:00 p.m. – 5:00 p.m.	Small Impoundments	Chesapeake A
5:00 p.m. – 7:00 p.m.	Welcome Social	Sunset Ballroom

Friday, February 11

7:00 a.m. – 5:00 p.m.	Registration	Upper Lobby
8:00 a.m. – 12:00 p.m.	Southern Division EXCOM	Executive Board Rm.
3:00 p.m. – 7:00 p.m.	Power Point Talk Loading (Mandatory for all speakers)	Dominion A
2:00 p.m. – 5:00 p.m.	Tidewater Chapter EXCOM	Executive Board Rm.
8:00 a.m. – 5:00 p.m.	Talk Preview	Dominion B
8:00 a.m. – 5:00 p.m.	Poster set-up	Sunset Ballroom

***Note: All Division-sponsored breaks (Fri.-Sun.) and posters will be located in the Sunset Ballroom.**

Friday, February 11, continued

Continuing Education Courses (Workshops):

9:00 a.m. – 5:00 p.m.	Otolith Catfish Aging	Cape Henry
9:00 a.m. – 12:00 p.m.	Striped Bass Parasite	Virginia A/B
10:00 a.m. – 10:20 a.m.	Break	Sunset Ballroom
1:00 p.m. – 5:00 p.m.	Leadership	Chesapeake B
2:40 p.m. – 3:00 p.m.	Break	Sunset Ballroom
3:00 p.m. – 5:00 p.m.	Student (Jobs)	Virginia A/B
5:15 p.m. – 6:30 p.m.	So. Division Business Mtg.	Chesapeake Ballroom
6:30 p.m. – 7:30 p.m.	VPI Alumni Reception	Horizons Lounge
7:30 p.m. – 11:00 p.m.	Fish Fry & Student Social	Sunset Ballroom
9:00 p.m. – 11:00 p.m.	The Mike Proffitt Band	Sunset Ballroom

Saturday, February 12

7:00 a.m. – 5:00 p.m.	Registration	Upper Lobby
8:00 a.m. – 9:00 a.m.	VA Chapter Business Mtg.	Cape Henry
7:30 p.m. – 9:00 a.m.	Tidewater Chap. Bus. Mtg.	Lynnhaven
8:00 a.m. – 10:00 a.m.	Power Point Talk Loading (Mandatory for all speakers)	Dominion A
8:00 a.m. – 5:00 p.m.	Talk Preview	Dominion B
9:00 a.m. – 10:00 a.m.	Plenary Session <i>It's Your Turn Now: Fisheries Management in the 21st Century</i> , John Ney, VPI Opening remarks by Bill Woodfin, Director, VDGIF	Chesapeake Ballroom
10:00 a.m. – 10:20 a.m.	Break	Sunset Ballroom

Technical Sessions

10:20 a.m. – 11:40 a.m.	Marine Symposium 1	Chesapeake A
10:20 a.m. – 11:40 a.m.	Sampling	Chesapeake B
10:20 a.m. – 11:40 a.m.	Paddlefish	Chesapeake C
10:20 a.m. – 11:40 a.m.	Environmental Assessment	Virginia A
10:20 a.m. – 11:40 a.m.	Catch and Release 1	Virginia B
10:20 a.m. – 11:40 a.m.	Asian Carp Symposium 1	Lynnhaven
11:40 a.m. – 1:15 p.m.	Student-Mentor Luncheon	

Saturday, February 12, continued

Technical Sessions

1:20 p.m. – 5:00 p.m.	Marine Symposium 2&3	Chesapeake A
1:20 p.m. – 5:00 p.m.	Striped Bass 1&2	Chesapeake B
1:20 p.m. – 5:00 p.m.	Reservoir Management 1&2	Chesapeake C
1:20 p.m. – 5:00 p.m.	Trout 1&2	Virginia A
1:20 p.m. – 3:00 p.m.	Catch and Release 2	Virginia B
1:20 p.m. – 3:00 p.m.	Asian Carp Symposium 2	Lynnhaven
3:00 p.m. – 3:20 p.m.	Break	Sunset Ballroom
3:20 p.m. – 5:00 p.m.	Conservation Biology	Lynnhaven
3:20 p.m. – 5:00 p.m.	Warmwater Streams	Virginia B
5:00 p.m. – 6:00 p.m.	Fisheries Mgt. Section	Cape Henry
6:00 p.m. – 10:00 p.m.	Dinner Social	VA Marine Museum Raffle 8 p.m. IMAX 8:30

(Coaches begin loading outside the Hotel at 5:30 p.m. and will make loops to and from the Museum throughout the night).

Sunday, February 13

7:00 a.m. – 12:00 p.m.	Registration	Upper Lobby
7:00 a.m. – 8:00 a.m.	Christian Fellowship	Cape Henry
7:00 a.m. – 8:00 a.m.	SDAFS Past Presidents	Executive Board Rm.
8:00 a.m. – 5:00 p.m.	National Triploid Grass Carp Inspection & Certification Program	Lynnhaven

Technical Sessions

8:00 a.m. – 12:00 p.m.	Marine Symposium 4&5	Chesapeake A
8:00 a.m. – 10:20 a.m.	Striped Bass 3	Chesapeake B
8:00 a.m. – 10:20 a.m.	Reservoir Management 3	Chesapeake C
8:00 a.m. – 12:00 p.m.	Water Quality 1&2	Virginia A
8:00 a.m. – 10:20 a.m.	Marine Symposium 6	Virginia B
10:20 a.m. – 10:40 a.m.	Break	Sunset Ballroom
10:40 a.m. – 11:40 p.m.	Instream Flow	Chesapeake B
10:40 a.m. – 11:40 p.m.	Shad and Eel	Chesapeake C

February 12 Saturday

*denotes presenter

9:00-10:00 AM	PLENARY- It's your turn now: fisheries management in the 21st century		
Room	Chesapeake Room		
10:00 AM	BREAK		
Session	Marine 1	Sampling	Paddlefish
Room	Chesapeake A	Chesapeake B	Chesapeake C
Moderator	James Morris	Tom Hampton	George Scholten
10:20 AM	Use of Otolith Microconstituent Analysis to Characterize Atlantic Bluefin Tuna Stock Structure <i>D. H. Secor*, Zi Arslan, and J. Rooker</i>	Standardized Sampling in Lentic Systems: A Florida Perspective. <i>Bonvecchio*, K. I.</i>	Assessment of Overfishing in a Commercial Paddlefish Fishery <i>Scholten*, G.B. Bettoli, P.W.</i>
10:40 AM	Ocean Ecology of Mid-Atlantic Juvenile Bluefish <i>Callihan*, J.L. and Secor, D.H.</i>	Evaluation of shoreline seining and mini-fyke nets in floodplain lakes <i>Clark*, S.C., Jackson, J.R., Lochmann, S.</i>	Bycatch Mortality and Gillnet Size Selectivity in a Paddlefish Fishery <i>Bettoli*, P.W. Scholten, George, B.</i>
11:00 AM	Comparison of age estimates using opercula versus otoliths for Tautog (<i>Tautoga onitis</i>) <i>Torres*, Roxanne C., Robillard, Eric M., Liao, Hongsheng, Jones, Cynthia M</i>	Utility of Absolute Abundance Estimates in Largemouth bass, <i>Micropterus salmoides</i> , Management <i>Michaelson*, D.P. and DiCenzo, V.J.</i>	Zooplankton density and taxonomic composition in the Tennessee-Tombigbee Waterway: Implications for paddlefish restoration <i>OKeefe, D. M., OKeefe, J. C., and Jackson, D. C</i>
11:20 PM	Age Validation of Bluefish <i>Pomatomus saltatrix</i> along the East Coast of United States <i>Robillard*, E.R., Jones, C.M., and Reiss, C.</i>	Evaluation of seining and hoop netting for collecting fishes in Oklahomas large prairie rivers <i>Utrup, N.J.*, and W. L. Fisher,</i>	Population characteristics and commercial exploitation of paddlefish in the Arkansas River. <i>Quinn*, J.W., Limbird, R.L., and F.J. Leone.</i>
11:40 AM	Lunch STUDENT:MENTOR LUNCHEON		
Session	Marine 2	Striped Bass 1	Lake and Reservoir Management 1
Room	Chesapeake A	Chesapeake B	Chesapeake C
Moderator	Joe Grist	Dan Wilson	John Copeland
1:20 PM	Shark ecology- 30 years of research by the VIMS shark research program <i>Musick, J.A.</i>	Striped Bass Parasites, Are They Killing Striped Bass Or Just Biologists? <i>Wilson*, D.M.</i>	Striped Bass Eggs: The White Perch's Caviar? <i>Harris*, J.L., and Ney, J.,</i>
1:40 PM	Investigations of carbon-14, carbon-13, and nitrogen-15 in the white shark (<i>Carcharodon carcharias</i>) from the eastern Pacific <i>Kerr, L.A.*, Andrews, A.H. Cailliet, G.M., Brown, T.A. And Coale, K.H.</i>	Modeling The Spread of a Parasitic Copepod (<i>Achtheres</i>) in a Striped Bass Population <i>Thomasey, D., Peterson, K., and T.Shahady</i>	Otolith Ageing techniques for an invasive population of white perch <i>Morone americana</i> in an Oklahoma reservoir. <i>Kurt E. Kuklinski*,.</i>
2:00 PM	A delineation of the Eastern Shore of Virginia summer nursery habitat of juvenile sandbar sharks, <i>Carcharhinus plumbeus</i> <i>Conrath*, C.L., and Musick, J.A.</i>	Assessment of the 2004 Striped Bass Die-off at Lake Norman, North Carolina <i>Waters*, C.T.</i>	Investigation of the Effect of Size-Selective Fishing on Growth Rates in Wisconsin Bluegill Populations <i>Leonard*,D.M., and J.J. Ney</i>
2:20 PM	Observing North Carolina Commercial Fisheries <i>Godwin, C. H.* Price, A. B. and Rulifson, R. A.</i>	Evaluating the relative effects of temperature, dissolved oxygen, and forage on growth of striped bass: and application of bioenergetics modeling in four North Carolina reservoirs. <i>Davias*, L.D., Rice, J.A., and Thompson, J.S.</i>	First-year Contribution to the Year Class and Growth of Largemouth Bass Stocked at 50 mm and 100 mm into the Arkansas River <i>Heitman*, E., Racey, C., and Lochmann, S.</i>
2:40 PM	Fish community assemblages in Maryland's (USA) coastal lagoons <i>Murphy*, R. F., and Secor, D. H.</i>	Assessing the interacting effects of population size, forage availability and summer habitat conditions on growth of reservoir striped bass <i>Thompson*, J.S., Davias, L.A., and Rice, J.A.</i>	The demographics of retirement among state agency fisheries personnel: challenges and opportunities presented by retiring Baby Boomers. <i>McMullin, S.L.</i>
3:00 PM	BREAK		

February 12 Saturday

*denotes presenter

9:00-10:00 AM	PLENARY- It's your turn now: fisheries management in the 21st century		
Room	Chesapeake Room		
10:00 AM	BREAK		
Session	Environmental Assessment	Catch and Release 1	Asian Carp 1
Room	Virginia A	Virginia B	Lynnhaven
Moderator	Tom Wilecox	Gene Wilde	Pat Mazik
10:20 AM	The 316(b) Regulation: Fisheries Biologist Right to Work Law <i>Heitman, J. F.*</i>	Conceptual Models for Studying the Survival of Fishes Caught and Released by Anglers <i>Wilde*, G. R.</i>	Development of a National Asian Carp Management Plan <i>Conover*, Greg C</i>
10:40 AM	Assessing the Ecological Recovery of the Pigeon River Using Benthic Invertebrate Surveys (B-IBI) in Cocke County, TN and Haywood County, NC (1987-2005) <i>Wilson, MJ*, JL Wilson and JA Coombs</i>	The National Symposium on Catch and Release in Marine Recreational Fisheries: Progress and Issues Since 2001 <i>Lucy*, J. A.</i>	The U.S. Asian carp industry: economic value and importance <i>Engle*, C.R. and N.M. Stone.</i>
11:00 AM	Lake bed accretion and patterns of sedimentation affect lake morphometrics and fish communities in Lake Texoma, Oklahoma <i>Lyday*, C. L., Patton, T. M., and Morel, J.</i>	Evaluating the physiological and physical consequences of capture on post-release survivorship in large pelagic fishes <i>Skomal, G.B.*</i>	Telemetry and habitat characterization of bighead and silver carp in the lower Missouri River. <i>Chapman*, D.C.</i>
11:20 PM	Assessing Macroinvertebrate Communities in Streams Impaired by Fecal Coliform in the Vicinity of Lake Anna, Virginia. <i>Cramer*, R. L., and C. Gowan.</i>	Measuring short-term catch and release mortality of tarpon in Boca Grande Pass, FL through the use of ultrasonic tagging techniques <i>Guindon*, K.Y., C.R. Powell, and L.R.R. Barbieri.</i>	Dietary overlap of Asian carp and native filter feeding fishes in the Upper Mississippi River System <i>Chick, J.H., Sampson, S.J., and Pegg, M.A</i>
11:40 AM	Lunch STUDENT:MENTOR LUNCHEON		
Session	Trout 1	Catch and Release 2	Asian Carp 2
Room	Virginia A	Virginia B	Lynnhaven
Moderator	Darrell Bowman	Jon Lucy	Pat Mazik
1:20 PM	Habitat Use by Brook Trout in a Large Appalachian River Mainstem <i>Fulton*, J.B., and Petty, J.T.</i>	Conceptual Model for Reduction in Growth Performance of Fishes Caught and Released by Anglers. <i>Pope*, K. L., and Wilde, G. R.</i>	Asian Carp Impacts <i>Jerry L. Rasmussen</i>
1:40 PM	Physico-chemical Parameters Regulating Brook Trout (<i>Salvelinus fontinalis</i>) Reproductive Potential and Juvenile Recruitment in an Appalachian Watershed <i>Liller*, Z.W., and Petty, J.T.</i>	Hooking Mortality of Deep and Shallow Hooked Striped Bass Under Different Environmental Conditions In Chesapeake Ba <i>Lukacovic*, Rudolph.</i>	Morphometrics for the determination of sex and hybridization in Hypophthalmichthys species. <i>Chapman, D.C.</i>
2:00 PM	Watershed-scale thermal regimes and the distribution of brook trout (<i>Salvelinus fontinalis</i>) and smallmouth bass (<i>Micropterus dolomieu</i>) in the Cheat River watershed, WV. <i>Martin*, R.M., and Petty, J.T.</i>	Post-release mortality of blue marlin and white marlin caught in the western North Atlantic recreational and commercial fisheries <i>Graves*, J.E., Kerstetter, D.W., and Horodysky, A.Z.</i>	Origin and Perspectives of the National Triploid Grass Carp Inspection and Certification Program <i>Vincent A. Mudrak*</i>
2:20 PM	Temporal trends in energy storage, consumption, and growth in a population of central Appalachian brook trout. <i>Utz*, R.M., and Hartman, K.J.</i>	Effect of Hook Removal on Recapture Rates on 27 Species of Angler-caught Australian Fishes <i>Wilde*, G. R., and W. Sawynok.</i>	National Standards for Triploid Grass Carp Inspection and Certification Program-U.S. Fish and Wildlife Service <i>Heil*, N.P., and Hickson, B.H.,</i>
2:40 PM	Managing brook trout in an urbanizing environment <i>Morgan II*, R. P., Wiley, D.J., Kline, M.J., Holt, J. D., Stranko, S. S., and P. F. Kazyak</i>	Panel discussion	Quality assurances within triploid grass carp industry <i>Freeze, M</i>
3:00 PM	BREAK		

February 12 Saturday

*denotes presenter

Session	Marine 3	Striped Bass 2	Lake and Reservoir Management 2
Room	Chesapeake A	Chesapeake B	Chesapeake C
Moderator	Jack Musick	Tim Churchill	George Palmer
3:20 PM	Age Composition and Growth of Red Drum, <i>Sciaenops ocellatus</i> , from Offshore Waters of the Northern Gulf of Mexico <i>McInerney*, S.A., and Potts, J.C.</i>	A Summary of Striped Bass Sampling Strategies Used on Southeastern Reservoirs <i>Waters*, C.T.</i>	Contribution of Stocked Fingerling Walleyes in Lake James <i>Besler*, D.A.</i>
3:40 PM	Trends in forage fish abundance in the major tributaries to the Chesapeake Bay in Virginia <i>Hewitt*, A.H., and Austin, H.</i>	Oklahoma Lake Texoma Striped Bass Sampling Program <i>Boxrucker, Jeff C.</i>	Changes in Walleye Recruitment and Growth Following a Blueback Herring Invasion <i>Wheeler*, A.P., C.S. Loftis, D. L. Yow.</i>
4:00 PM	Larvae Age and Size Distribution and Effects on Recruitment Patterns of Atlantic croaker in the Chesapeake Bay <i>Turner, S.B., Jones, C.M. and Reiss, C.</i>	Special Striped Bass Regulations in Tennessee <i>Negus*, J.A., and Churchill, T.</i>	Using an Angler Mail Survey to Assist in Evaluating a Slot-length Limit on a Texas Reservoir. <i>Bonds*, C.C., and Magnolia, S.J.</i>
4:20 PM	Reproduction and ecology of the invasive Indo-Pacific lionfish, <i>Pterois volitans</i> in the western Atlantic <i>Morris*, J.A. and Govoni, J.J.</i>	Hooking Mortality and Physiological Responses of Striped Bass Angled in Freshwater and Held in Live-Release Tubes <i>Bettinger*, J.M., Tomasso, J.R., and Isely, J.J.</i>	Increases in voluntary release rate of largemouth bass of legally-harvestable size from Texas creel surveys over 1985-1999 <i>Taylor, J.B, and Myers, R.A.</i>
4:40 PM	Determining nursery grounds for endemic Hawaiian gobies <i>Mckee*, S.L.; Jones, C.M., and Pasma, J.</i>	A Century in 15 minutes: History of striped bass fisheries and management in Maryland tidewaters. <i>Zlokovitz*, E.R., Tarnowski, and D.H. Secor</i>	The Evolution of Competitive Bass Fishing <i>Gene Gilliland*</i>

February 12 Saturday

*denotes presenter

Session	Trout 2	Warmwater Streams	Conservation Biology
Room	Virginia A	Virginia B	Lynnhaven
Moderator	Larry Mohn	Adrienne Averitt	Anita Lahy
3:20 PM	Aches, pains, conflicts, and do-overs. Arkansas finally creates a state trout management plan in 2004. <i>Bowman*, D.W., and M. Jones.</i>	Larval fish and zooplankton abundances in oxbow lakes of the Lower White River, AR <i>Racey*, C.L., and S.E. Lochmann.</i>	Characterizing habitats and threats for species of conservation concern <i>Miller*, S.A. Virginia</i>
3:40 PM	Mortality and Mark Efficacy of Brown Trout and Rainbow Trout marked with OxyMarine® and Calcein <i>Brittle*, E.M. and Bettoli, P.W.</i>	Environmental features influencing angling success in Mississippi's Wadeable streams. <i>Alford*, J.B., Shewmake, J., and Jackson, D.C.</i>	Pigeon River Re-introduction Efforts Update: 2004 <i>Coombs*, J.A., and Wilson, J.L. and Burr, J.E.</i>
4:00 PM	Evaluation of a predictive model for upstream fish passage through culverts <i>J. Seth Coffman and Mark Hudy</i>	Differential movement of stream cyprinids in urban and rural watersheds. <i>Cushman*, S.F., and Morgan II, R.P.</i>	Assumptions, evolution, and application of conceptual models of Roanoke logperch population dynamics <i>Roberts*, J.H., and Angermeier, P.L.</i>
4:20 PM	Use of otolith microstructure for determining recruitment of naturally produced Chinook salmon (<i>Oncorhynchus tshawytscha</i>) to the Salmon River, NY. <i>Smith*, N.G., Sullivan, P.J., Rudstam, L.G.</i>	Spatial and temporal dynamics of black bass populations and habitat in two eastern Oklahoma streams <i>Dauwalter*, D.C. and Fisher, W.L.</i>	Digital Atlas of Oklahoma Fishes: Development of an Internet-based GIS to Manage Museum Databases <i>Freund*, J.G., and Fisher, W.L., Echelle, A.A., Brooks, M., Hargrave, C., and Marsh-Matthews, E.</i>
4:40 PM	The biotic integrity of native brook trout watersheds in Virginia. <i>Hudy*, M., T.M. Thieling, and L.O. Mohn</i>	An evaluation of the relative influence of spatial, statistical, and biological factors on models of stream fish species presence <i>Ruiz*, J.C., and Peterson J.T.</i>	Predictive habitat models for conservation of the Federally threatened Blackside Dace <i>Phoxinus Cumberlandensis</i> <i>Jones*, B.K., and Mattingly, H.T.</i>

February 13 Sunday Morning

*denotes presenter

Session	Marine 4	Striped Bass 3	Lake and Reservoir Management 3
Room	Chesapeake A	Chesapeake B	Chesapeake C
Moderator	Ron Klauda	John Taylor	Mike Colvin
8:00 AM	An Analysis of the Effectiveness of Using Sea Turtle Strandings to Develop Fisheries Management Strategies in Pamlico Sound, North Carolina <i>Bianchi*, A. J.</i>	Striped bass in Texas: a genetics overview <i>Lutz-Carrillo*, D.J., and Fries, L.T.</i>	Temporal and spatial variability in trace element signatures of juvenile striped bass otoliths. <i>Schaffler*, J.J., and Winkelman, D.L.</i>
8:20 AM	Evaluation of tuning indices in application of ADAPT to stock assessment and its importance in Fisheries Management <i>Liao*, H., and Jones, C. M.</i>	Strategies for Managing Striped Bass and Palmetto Bass Fingerling Rearing Ponds in Golden Algae Impacted Waters. <i>Kurten, Gerald L.</i>	Exploitation of Nile Tilapia in a Closed System, Public Fishing Reservoir in Northern Arkansas <i>Henry*, S.D, Barkley, S.W. and Johnson, R.L.</i>
8:40 AM	Monitoring tag recovery and movement patterns of bled horseshoe crabs in the mid-Atlantic region <i>Grogan*, W.N., and Berkson, J.</i>	Resolving Angler Conflicts in Striped Bass Management <i>Churchill*, T., Wilson, D. and Waters, C.</i>	Effects of Livewell Conditions and Largemouth Bass Virus on Mortality of Largemouth Bass Caught in Summer Tournaments <i>Schramm, H.L., Jr., Walters, A.R., Grizzle, J.M., Beck, B.H., Hanson, L.A. and Rees, S.B.</i>
9:00 AM	Growth and recruitment rates of juvenile blue crabs <i>Callinectes sapidus</i> in Chesapeake Bay <i>Puckett*, B.P., Secor, D.H., and Ju, S.-J.</i>	Message Boards, Websites, and Email: The Future of Reservoir Striped Bass Management <i>Dorsey*, L.G., and Waters, C.T.</i>	Relation between fish assemblages and native and non-native aquatic plants at Lake Izabal, Guatemala <i>Christian Barrientos* and Mike S. Allen</i>
9:20 AM	Overview of the Maryland DNR Striped Bass Monitoring Program and Recent Data Trends <i>Zlokovitz*, E.R.</i>	Exploitation and natural mortality of striped bass in the Santee-Cooper system, South Carolina. <i>White, M.G., III, and Bulak, J..</i>	Variability in egg characteristics among female White Bass <i>Morone chrysops</i> and the relationship between egg volume and yolk-sac fry length of sunshine bass <i>Lochmann*, S.E., Racey, C.R., Goodwin, K.J., and Green, C.C.</i>
9:40 AM	Assessing the Impacts of Channel Dredging on the Migratory Behavior of American Shad, <i>Alosa sapidissima</i> <i>Aunins*, A.W., and Olney, J.E.</i>	Volunteer Assistance in Striped Bass Management <i>Wilson*, D.M.,</i>	Environmental and Genetic Influences to Hatching Timing of Florida and Intergrade Largemouth Bass <i>Rogers, M.W., Allen, M. S. and Porak, W.</i>
10:00 AM	Do American shad grow on trees? <i>Hoffman*, J.C. and Olney, J.E.</i>	Striped Bass Tournaments, Can they be effectively used for Data collection? <i>Turner*, Warren E.</i>	Smallmouth bass tournament mortality on middle Tennessee reservoirs <i>Kaintz*, M.A., and Bettoli, P.W.</i>
10:20	BREAK		
Session	Marine 5	Instream Flow	Shad and Eel
Room	Chesapeake A	Chesapeake B	Chesapeake C
Moderator	Ron Klauda	John Kauffman	Alan Weaver
10:40 AM	An evaluation of surgical closure techniques for long-term retention of telemetry transmitters in American eels (<i>Anguilla rostrata</i>) <i>Thomas*, J. C., D. A. Fox, and G. A. Lewbart</i>	Fish habitat use and community structure in regulated and unregulated reaches of a large southeastern warmwater stream. <i>Shea*, C., and Peterson, J.T.,</i>	American shad (<i>Alosa sapidissima</i>) usage of the Wateree River, SC. <i>Coughlan, D.J., Barwick, D.H., Baker, B.K., Rash, W.M.</i>
11:00 AM	Daily Movements and Site Fidelity of White Perch (<i>Morone americana</i>) in Two Small Tributaries of the York River, Virginia <i>McGrath*, P.E., and Austin, Herbert M.</i>	Long-Term Impacts of Bridge and Culvert Construction on Fish Communities within West Tennessee <i>Melville*, M.J., and Combs, D.</i>	Abundance and Potential Effects of Predators on Seaward Migrating Juvenile <i>Alosa</i> spp. in the St. Johns River, Florida <i>Trippel*, N.A., Allen., and McBride, R.S.</i>
11:20 AM	Recruitment patterns of white perch and yellow perch in Albemarle Sound, North Carolina <i>Luthy*, S.A., Buckel, J.A., and Grist, J.D.</i>	Influence of seasonally discontinuous surface flow on stream fishes of the Interior Highlands <i>Girondo*, N.M., and Gagen, C.J.</i>	The Upstream Movement of <i>Anguilla rostrata</i> at the Millville Dam Eel Ladder <i>Hildebrand*, H.L. and Welsh*, Stuart.</i>
11:40 AM	Age and growth of Hudson River shortnose sturgeon (<i>Acipenser brevirostrum</i>) <i>Woodland*, R.W., and Secor, D.H.</i>		

February 13 Sunday Morning

*denotes presenter

Session	Water Quality 1	Marine 6	Asian Carp
Room	Virginia A	Virginia B	Lynnhaven
Moderator	George Devlin	Ann Barse	
8:00 AM	Effects of impoundments on the fish assemblages of low order streams <i>Kashiwagi, M.T., and Miranda, L.E.</i>	Catch composition and fate of sub-legal discards in the snapper/grouper/porgy commercial fishery, Onslow Bay, North Carolina. <i>Rudershausen* P.I. and Ruckel I.A.</i>	National triploid grass carp certification program - All day
8:20 AM	Local and Regional Impacts of Acid Mine Drainage in a Central Appalachian Watershed <i>Freund*, J.G. and Petty, J.T.,</i>	Angler Reporting Rates of Tagged Common Snook in Southeast Florida- Does monetary reward matter? <i>Pine*, W. E., Mote Marine Lab; R. G. Taylor, and J. A. Whittington</i>	
8:40 AM	The Role of Bioenergetics in Bioaccumulation of Organic Contaminants: A Case Study <i>Liebert*, Dan and Baker, Joel</i>	Socioeconomic Impacts of Hurricanes on North Carolina's Commercial Fisheries <i>Chevront*, B.</i>	
9:00 AM	Mercury in redbreast sucker tissue and otoliths from the North Fork Holston River system <i>James C.S. Anderson*, Jennifer R. Berrigan and Daniel M. Downey</i>	Title: Comparisons of Benthic Macrofauna Assemblage Structure and Function on Restored and Unrestored Eastern Oyster (<i>Crassostrea virginica</i>) Reefs in Mesohaline Chesapeake Bay; Implications for Fisheries Management. <i>Rodney*, W.S., and Paynter, K.T.</i>	
9:20 AM	An Assessment of Fish Community Structure and Seasonal Habitat Use of Headwater Wetlands in Southwest Georgia. <i>McPherson*, Jr., R.D., and Peterson, J.T.</i>	Role of phragmites invasion in altering the distribution and abundance of marsh fishes: an examination by invasion stage in mid-Atlantic estuaries <i>Fox, D.A., K.L. Hunter, L.M. Brown and K.W. Able</i>	
9:40 AM	Effects of variable flows on water Chemistry and Fish Communities below the Hillsborough Dam, Florida <i>Catalano*, M. J., Allen, M. S., Murie, D. J.</i>	Recruitment patterns of white perch and yellow perch in Albemarle Sound, North Carolina <i>Luthy*, S.A., Buckel, J.A., and Grist, J.D.</i>	
10:00 AM	Effects of Artificially Introduced Groundwater on Fish Assemblages and Water Chemistry in Central Florida Lakes <i>Cooney*, P.B. and Allen, M.S.</i>	Life history parameters of the Dusky Shark, <i>Carcharhinus obscurus</i> , revisited and their implications to estimates of population increase. <i>Romine, J. G. ; Musick, J. A.; Burgess, G. H.</i>	
10:20	BREAK		
Session	Water Quality 2		Asian Carp
Room	Virginia A	Virginia B	Lynnhaven
Moderator	Bill Kittrell		
10:40 AM	An investigation of fish response to reservoir discharge events in the Stony River, Grant County, West Virginia. <i>Hoar*, C.C, Hartman, K.J., and Mazik, P.M.</i>		
11:00 AM	Investigation of crayfish survival in a system impaired by acid mine drainage and thermal pollution <i>Horn*, C.D., Mazik, P.M., and Hartman, K.J.</i>		
11:20 AM	Stream ecosystem response to mitigative limestone treatment in acid impaired streams, WV <i>McClurg*, S.M., Petty, J.T., and Mazik, P.M.</i>		
11:40 AM	Population Dynamics of Reintroduced Barrens Topminnows <i>Goldsworthy*, C.A., Phillip W. Bettoli</i>		

Poster Presentations

Sunset Ballroom (* denotes presenter)

Movement and habitat use of smallmouth bass in the Buffalo National River Drainage of Arkansas – Bare*, C.M. and D.D. Magoulick.

Feeding Habitats and Dietary Overlap of Juvenile Fishes in the vicinity of Gray's Reef National Marine Sanctuary, Georgia, U.S.A. – Jenkins*, J.A.

Age validation of the red porgy, *Pagrus pagrus* – McNeill, N., J.A. Morris, Jr., E. Williams.

Predicting the effects of dam removal on aquatic communities in the Salmon River, New York. Phase 1, Baseline data – Cooper*, J.E., J.M. Farrell, and J.A. Toner.

Sampling zooplankton and benthic prey of juvenile striped bass, *Morone saxatilis*, utilizing multiple net types to characterize prey selectivity – Muffelman*, S.C. and H.M. Austin.

Effects of Acclimation Time and Season on Post-Stocking Mortality of Red Drum in Fresh Water – Baird*, M.S.

Bayesian estimates of Floy t-bar retention by smallmouth and largemouth bass – Dauwalter*, D.C. and W.L. Fisher.

EZ Bass: Intercept telemetry of Hudson River striped bass – Schroepfer*, R.L. and D.H. Secor.

Amplification of Microsatellite DNA from Archived Otoliths: a Technique for Hatchery Management – Robbins*, S.R.

An Evaluation of the Rules Governing Stream Trout Movement – Hyatt, M., and C. Gowan.

Growth rate and mortality of golden perch *Macquaria ambigua* in two Australian freshwater impoundments – Cearley*, K.D. and G.R. Wilde.

Identification and quantification of quality habitat for the yellowcheek darter, *Etheostoma moorei* – Brophy*, M.R. and J.N. Stoeckel.

Characterizing movement of young-of-the-year American shad within the nursery habitat using stable isotopes – Hoffman*, J.C. and J.E. Olney.

A GIS-based Characterization of Commercial Sponge Populations in the Florida Keys, Florida (USA) – Torres*, R.C., M.J. Butler, and B. Shellito.

Habitat use and growth of age-0 juvenile red drum (*Sciaenops ocellatus*) in southeastern North Carolina – Lanier, J.M. and F.S. Scharf.

Bioenergetics assessment of trout growth under alternative flow regimes in the Smith River, Virginia – Anderson*, M.R. and D.J. Orth.

Spatial and temporal variability in recruitment timing and relative abundance of juvenile red drum (*Sciaenops ocellatus*) in southeastern North Carolina – Stewart*, C.B. and F.S. Scharf.

Ontogenetic and seasonal variation in the diet of juvenile red drum (*Sciaenops ocellatus*) – Foster*, C.R. and F.S. Scharf.

An Individual-Based Model for Alligator Gar: Why Failing to Consider Intersexual Differences in Growth and Mortality Rates Leads to Overfishing – Wilde*, G.R., K.L. Pope, and A. Ferrara.

The Rocky Barra Bounty: A Research-driven Fishing Competition – Wilde*, G.R., and W. Sawynok.

Population Genetics of Virginia Largemouth Bass *Micropterus salmoides* Populations – Dutton*, D.J., N.A. Johnson, K.L. Finne, and E.M. Hallerman.

Patterns of Genetic Differentiation in the Slabside Pearlymussel, *Lexingtonia dolabelloides* (Lea 1840), in the Tennessee River Drainage – Grobler, P.J, J.W. Jones, N.A. Johnson, B. Beaty, J. Struthers, R.J. Neves, and E.M. Hallerman.

Relative Abundance and Biomass of Reef Fish in Calabash Caye, Belize – Barry*, D.B. and J.J. Luczkovich.

Characterization of Hickory Shad *Alosa mediocris* and other Anadromous Fish Spawning in the Lower Tar River, North Carolina – Smith, M.C. and R. Rulifson.

Stream habitat modeling to support water management decisions for the North Fork Shenandoah River, Virginia – Averett, A.W., J.W. Persinger, and D.J. Orth.

2005 Spring Meeting Steering Committee:

- Oversight Chairs: Steve Reeser, Virginia Department of Game & Inland Fisheries
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- Program Chair: Vic Dicenzo, Virginia Department of Game & Inland Fisheries
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Thanks go to these individuals and the many more who made this meeting run smoothly.

The Friday Fish Fry and Student Social were made possible by donations from the following:



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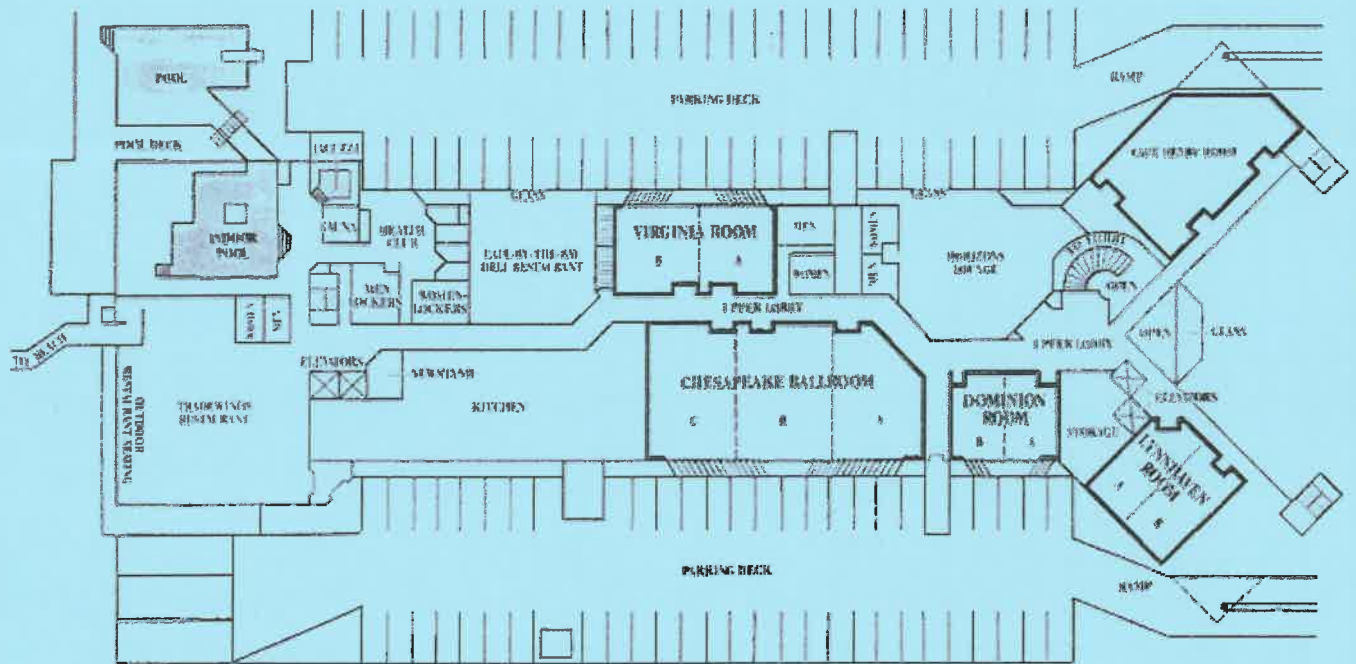
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A special thanks to the Virginia Department of Game and Inland Fisheries for equipment, supplies, and other contributions.

First and Second level floor plan of the Virginia Beach Resort Hotel and Conference Center. Note: all meeting rooms and meeting registration on second floor (except Executive Board Room). Hotel registration and break/poster room (Sunset Ballroom) located adjacent to Trade Winds Restaurant.



↑ **Sunset Ballroom**