
PALMETTO PISCIFORUM

Newsletter of the South Carolina Chapter of the American Fisheries Society



www.SCAFS.org

September, 2006

President's Message

I would like to begin by thanking you for electing me as the President of the SC-AFS. As well, I want to acknowledge the leadership of Leo Rose as President of the SC-AFS Chapter for the past 2 years. He has been tireless in his commitment to serve our membership and I hope I can follow his example. The SC-AFS also gratefully recognizes the immense efforts Jason Moak has put into our organization in the past 5 years. As Treasurer and Secretary he has been instrumental in keeping the SC-AFS running. At the recent business meeting a very capable Carrie Hendrix was voted to fill his shoes. Jason and Carrie have worked diligently to complete the financial and administrative transition. At the same meeting Jeanne Riley was selected to become our new president-elect. She has already taken on the task of reviving our newsletter (as this document attests). She is also working with the other SC-AFS officers on the preparations of our fall workshop and our 2007 meeting. Please join me in congratulating Carrie and Jeanne with their new positions in our organization and be sure to contact them if you are willing to assist with various projects.

We are happy to announce that Glenn Ulrich and Josh Loefer have graciously volunteered to organize a fall workshop on shark identification in Charleston. The workshop will probably be held on November 18, and we hope have details up on the website soon. This will undoubtedly be a popular workshop, so if you are interested, reserve your place soon! We are already talking about other SC-AFS workshops, so let us know if you have any suggestions for topics, presenters, and locations.

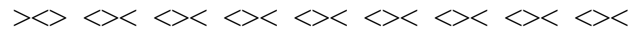
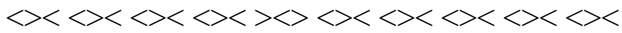
In other exciting news, Tim Snoots has agreed to work on revising our website. Jason Moak has managed our website for us in the past, but his busy schedule now prevents him from updating it as often as he would like. We very much appreciate Jason's contributions and look forward to working with Tim. The new website should be up and running as a work in progress by mid-October. Please take a moment to view it at www.scafs.org and let us know what you think!

Last year the president of the Georgia AFS contacted us with the request to organize a joint annual meeting next year and our members voted in support of this idea. Jeanne and I have contacted GA-AFS and SCFWA, and started organizing the meeting. The tentative date is January 24 and 25, 2007, and we will probably meet on Tybee Island, near Savannah, GA, and only a stones throw across the border. We hope to have more information about this meeting soon (check www.scafs.org). We will need lots of help so please let us know if you are willing to lend a hand.

I just returned from a terrific annual AFS meeting in Lake Placid, NY. Lots of good papers, and opportunities to catch up with current research and colleagues in a great location. Mark your calendars for the national meeting in San Francisco on September 2-6 next year (see www.fisheries.org!).

We started 2006 with a very productive and enthusiastic meeting and are looking forward to an active SC chapter year. In the meantime, enjoy your fall and send us your comments and suggestions about upcoming activities and our website.

Marcel Reichert



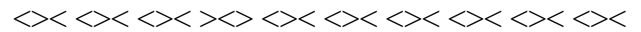
Conservationist of the Year Award Winner

Dr. George R. Sedberry was named Conservationist of the Year at the annual meeting of the South Carolina Chapter of the AFS held in February this year. This is the most prestigious award bestowed by the SC-AFS Chapter, recognizing outstanding contributions to the conservation of South Carolina fisheries resources.

The South Carolina Chapter of the American Fisheries Society is currently accepting nominations for the Conservationist of the Year for 2006. Please electronically submit the name and affiliation of the nominee, and a brief essay justifying the nomination to the President of the SC-AFS at ReichertM@dnr.sc.gov or mail to Marcel Reichert, SC-DNR, MRRI, 217 Fort Johnson Rd., Charleston, SC 29412.



Leo Rose (left), Past-President of the SC-AFS presents the Conservationist of the Year award to the recipient, Dr. George R. Sedberry (right)



Jack Bayless Award Winner

Jessica Stephen was announced as the winner of the 2005 Jack Bayless Award at our annual meeting on February 16, 2006 at the Marine Resources Research Institute of the South Carolina Department of Natural Resources in Charleston. Jessica received the award for her presentation "Characterization of commercial reef fish catch and by-catch off the SE coast of the U.S." which she presented on February 7, 2005 at the annual meeting in Clemson, SC.

A senior marine scientist and Assistant Director of the Marine Resource Division of the South Carolina Department of Natural Resources, George has been a tireless proponent of fisheries conservation through research and education. He has served on the Marine Protected Areas Advisory Panel, the Snapper/Grouper Assessment Panel of the South Atlantic Fishery Management Council, and the Gray's Reef National Marine Sanctuary Advisory Council. Dr. Sedberry is currently on the boards of the Southeast Center for Ocean Science Education Excellence and is the current President of the South Carolina Marine Educators Association. He has authored and co-authored numerous publications in international scientific journals and in reports to governmental organizations on fisheries and related issues. His book, *Islands in the Stream*, is just one example of his efforts to communicate with the general public about conservation issues. He is currently working on books about the marine fishes of South Carolina and Belize.

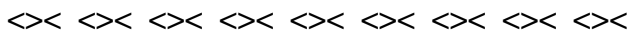


Jessica Stephen receives the 2005 Jack Bayless Award from Leo Rose , Past-President of the SC-AFS.

The Jack Bayless Award was created in honor of Jack W. Bayless, to recognize the best South Carolina presentation/paper given at each annual chapter meeting. Each year, volunteer judges evaluate presentations in the following categories:

- Significance to aquaculture and fisheries,
- Experimental design and analysis,
- Organization,
- Presentation, and
- Quality of visual aids

Presenters are scored on a scale of one to four, four being excellent, for each category. The presenter with the highest total score receives the award. Any members interested in volunteering as judges for the next annual meeting, or joining the Awards Committee, should contact SC-AFS president or President-elect.



SCAFS 2005 Annual Meeting

We had a very successful annual meeting with SCFWA in February. We would like to thank Scott Meister and Carrie Hendrix (SCFWA) and the many people who helped them make this a very informative and successful meeting. We would also like to acknowledge the invaluable assistance of the MRD staff and director Robert Boyles for their support of this meeting. Almost everyone we spoke to commented on the high quality of the talks and smooth execution of the meeting. We had a record turn-out in presentations (34 in 5 sessions), posters (17), and attendance (158 registered participants), and not a single presentation cancellation (which made my job as program chair very easy)! Again, thank you, and let us know if you have any questions or comments that can help us with the preparations of the next meeting.

The meeting was opened at noon on Thursday February 19, with the keynote presentation by Dr. Charles Wenner and ran until 3:00pm on Friday - about 3 hours longer than in previous years! We decided to shorten the talks from the usual 20

minutes to 15 minutes, and added a session due to the overwhelming interest this year. We feel that this format worked very well and may do the same next year. Let us know if you have any thoughts on this. The presentations were well considered, spread over a diversity of disciplines, and included 8 student papers.

During the SCFWA Business Meeting the "Best Student Paper Award" was presented to Sarah Goldman by SCFWA president Scott Meister.



Sarah Goldman receives the Best Student Paper Award from Scott Meister, past President of the SCFWA. (Photo Leo Rose)

A significant event at the meeting was the celebration of SCFWA's 30th anniversary. We congratulate our sister organization with this milestone, which was acknowledged not only with near record participation in our annual meeting, but with a wonderful presentation by Arnie Eversole "A Great Ride - 30 Years of SCFWA" highlighting three decades of SCFWA activities, and an enjoyable social on Thursday night at the James Island County Park. Food included a fish fry, barbeque, all the fixin's, and drinks. Live music was provided by the talented Marsh Grass Mama's and we had a big raffle with great prizes.

- Bryan Frazier*, Glenn Ulrich, Carolyn Hendrix,
"Assessment of Adult Red Drum in South Carolina Coastal Waters (An Update on Current Project Activities).", S.C. Dept. Nat. Resources.
- Sarah Goldman, "Feeding Habits of Several Deep Water Reef Fish on the Continental Slope off the Southeastern United States: Preliminary Analysis." Student presentation, College of Charleston.
- Kevin M. Kubach*, Mark C. Scott, and James S. Bulak,
"Recovery of the Reedy River fish community from a major oil spill.", S.C. Dept. Nat. Resources
- Scott Lamprecht*, Miller White, and James Glenn,
"Establishment, Expansion, and Recent Changes in the Santee-Cooper Blue Catfish Fishery." S.C. Dept. Nat. Resources
- John Leffler^{*1}, Ted Smith¹, Craig Browdy¹, Gloria Seaborn², and Ed Wirth³, "Fatty Acid Profiles and Contaminant Loads of Wild and Farmed Red Drum: Assessing Seafood Benefits and Risks through NOAA's Oceans and Human Health Initiative.", ¹ S.C. Dept. Nat. Resources, MRRI, ²Center for Coastal Environmental Health and Biomedical Research, NOAA, and ³Hollings Marine Laboratory, NOAA.
- Leo Lentsch^{*1} and Anna Toline², "Endangered Species Act compliance: Successful Approaches in the West.", ¹ENTRIX Inc. and ²North Inlet - Winyah Bay NERR.
- Ammon Leshner, "An Analysis of Larval Dispersal and Retention within the South Atlantic Bight using Satellite-Tracked Drifters Released on Reef Fish Spawning Grounds." Student presentation, College of Charleston.
- Chris McDonough, "Defining Estuarine Salinity Zones Using Ichthyofaunal Assemblages in South Carolina: A Multivariate Approach.", S.C. Dept. Nat. Resources, Marine Resources Research Inst.
- Scott Meister^{*1}, George Sedberry¹, and Douglas Weaver², "Observations of Deep Sea Reef Fishes Using Under Water Video.", ¹ S.C. Dept. Nat. Resources, Marine Resources Research Inst., ² Flower Gardens National Marine Sanctuary
- Michael Paller, "Factors Influencing the Accuracy of a Commonly used benthic bioassessment protocol in sandhills streams.", Westinghouse Savannah River Company, Aiken, SC.
- James Powell, "Evaluation of white spot syndrome virus infections in commercially important Atlantic white shrimp, *Litopenaeus setiferus*, and common blue crab, *Callinectes sapidus*, populations of the Southeastern United States" Student presentation, College of Charleston, S.C. Dept. Nat. Resources, Marine Infectious Disease Laboratory.
- Jason Powers, "An Update on SC-DNR's Cooperative Research Program.", S.C. Dept. Nat. Resources, Office of Fisheries Management.
- Paulette Powers-Mikell*, Jessica Stephen, Charles Barans, Patrick Harris, "Age, Growth, and Reproduction of Tomtate, *Haemulon aurolineatum*, in the Southwestern North Atlantic During 2000-2004.", S.C. Dept. Nat. Resources, Marine Resources Research Inst. (MARMAP project)
- Donnia Richardson, "Introduction of the Marine Histology Laboratory (MHL)." S.C. Dept. Nat. Resources
- Stacey Robbins*, Amy Ball, Michael Denson, Ted Smith, and Robert Chapman, "Genetic Analysis Tools Used With Microsatellites to Identify Cultured Fish Released Into the Wild." S.C. Dept. Nat. Resources
- Leo Rose* and Jim Bulak, "Flood mediated change of the fish community in Congaree National Park.", S.C. Dept. Nat. Resources
- Al Segars¹, Mike Arendt^{*1}, David Owens², and David Whitaker¹. "An Overview of Six Years of In-Water Sea Turtle Research by SCDNR." ¹S.C. Dept. Nat. Resources, Marine Resources Research Inst., ²College of Charleston
- Rebecca Smith, "Investigating Triploid Chinese Grass Carp (*Ctenopharyngodon idella*) as a Potential Vector of Avian Vacuolar Myelinopathy." Student presentation, Clemson Institute of Environmental Toxicology
- Anna Toline^{*1}, Paul Kenny², and David Bushek³, "Enhancing Recruitment of Damaged Oyster Reefs: an Application of Cement-Coated Stakes.", ¹North Inlet-Winyah Bay National Estuarine Research Reserve, ²University of South Carolina, Baruch Marine Field Laboratory, and ³Haskin Shellfish Research Laboratory, Rutgers University.

Julie Vecchio, "Red Drum Catch and Release: All Hooks Are Not Created Equal." Student presentation, College of Charleston Grice Marine Laboratory.

Charles Wenner, Key note address. S.C. Dept. Nat. Resources, Marine Resource Division

David Whitaker, "A review of proposed changes in the management of South Carolina's blue crab fishery." S.C. Dept. Nat. Resources, Marine Resource Division.

Teresa Wilson*¹ and Mark Scot², "Reedy River Tributary Survey: The First Year."
¹Dept. of Forestry & Natural Resources, Clemson University, ² S.C. Dept. Nat. Resources

Posters:

Charles Barans and Mike Arndt, "Video Access to Reef Fish Assemblages."

Dany Burgess, "Development of Invertebrate Communities on 2 Different Ages of Artificial Reef Cones on SC's Continental Shelf: Comparison to an Adjacent Hard-Bottom Habitat"

Susan DeVictor, Rachael King, David Knott, and Elizabeth Wenner, "Invertebrates from hard bottom areas off the Southeastern United States: Images from the SERTC digital library."

Amy Dukes, "Electrofishing in the ACE Basin NERR."

Brandon Eleby, "Species Identification of *Paralichthys* Using mtDNA RFLP Analysis."

Kelly Filer and George Sedberry, "Age, Growth and Reproduction of the Barrelfish, *Hyperoglyphe perciformis* (Mitchill, 1818)."

Jon Geddings, "Recording the Migration and Swimming Patterns of Billfishes Associated with the Charleston Bump Using Pop-up Satellite Archival Tags (PSAT's)."

Michael Hodges, Nancy Hadley, and Loren Coen, "South Carolina Oyster Restoration and Enhancement: Involving the Public in Habitat Restoration and Science."

Chuck Keppler and Susan Wilde, "Microcystin Levels in South Carolina Fish Tissues: Preliminary Results."

Rachel King and Amy Ball, "A preliminary molecular analysis of the *Synidotea laevidorsalis*/*S.laticauda* complex."

Larissa Mason, Chuck Keppler, Krista DeMattio, Susan Wilde and Alan Lewitus, "Fishkill response in South Carolina: links to harmful algal blooms."

Gina Perez, "Seasonal Occurrence and Ecology of the Nematode *Philometra cynoscionis*, a Recently Described Parasite, on South Carolina Spotted Seatrout (*Cynoscion nebulosus*)."

Bill Post, "Movement and Habitat Use of Shortnose Sturgeon (*Acipenser brevirostrum*) in the Winyah Bay System. SC."

Kristin Schulte, "Delineating Intertidal Oyster Reefs Using Airborne Multi-Spectral Imagery: Assessing the Accuracy of Extraction Techniques Using Ground-Truthing and Related Approaches."

Jessica Stephen, "Characterization of the reef fish catch and bycatch with associated discard mortality in the commercial snapper/grouper fishery off the southeastern U.S."

Kelly Thorvalson, Tom Sheridan, DVM, Bruce Hecker, Jason Crichton, Rachel Metz, "The South Carolina Aquarium Sea Turtle Rehabilitation Program."

Moderators: Mike Paller, Paulette Powers-Mikell, Stacey Robbins, Jessica Stephen, and Chris McDonough.

Meeting coordinators: Scott Meister and Carrie Hendrix

Program coordinator: Marcel Reichert



School of yellowfin shiners (photo: David Scott)

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Brook Trout Restoration

The brook trout is the only salmonid native to the Southern Appalachian Mountains. South Carolina Department of Natural Resources and the US Forest Service have documented the complete loss of some brook trout populations and significant loss of population range within streams. Recent survey data and historical records indicate that in South Carolina, brook trout range has declined at least 70%. Remnant populations are found in only six streams on the Sumter National Forest. Brook trout habitat is now occupied by non native brown trout and rainbow trout.

In order to restore habitat to brook trout, an Environmental Analysis was completed to assess the effects of antimycin, a piscicide, in the elimination of trout from streams on the Sumter National Forest. In 2005, brook trout restoration was accomplished in 2.4 miles of stream. After determining certain stream characteristics such as gradients and flows, project partners came together in August to apply piscicide to the stream. Immediately following the application and again in September, the treated section of stream was electrofished to confirm the absence of brown trout. Southern strain brook trout were then stocked in the renovated stream prior to spawning season. In June 2006, the stream was electrofished and young of the year brook trout were captured along with the adults. There were a lot of smiles on a lot of faces that day.



Four additional streams on the Forest are proposed for restoration over the next five years. Upon completion, 13.2 miles of stream will be restored to brook trout populations. Habitat and fish communities in other streams on the Forest are being surveyed to determine suitability for additional restoration projects. Brook trout restoration project streams share the characteristics of encroaching stocked non-native trout populations, declining brook trout populations and existing barriers to non-native trout movement back into the streams after renovation efforts. Beyond Forest boundaries, the South Carolina Department of Natural Resources is considering expanding restoration within the brook trout historical range.

The brook trout restoration project is a cooperative effort between the US Forest Service, South Carolina Department of Natural Resources, Great Smoky Mountains National Park, South Carolina Council Trout Unlimited, Chattooga River Chapter Trout Unlimited, South Carolina Wildlife Federation and Clemson University. For more information contact Jeanne Riley jriley@fs.fed.us or Dan Rankin RankinD@dnr.sc.gov.

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South Carolina Statewide Stream Assessment

Mark Scott

The last statewide stream sampling program conducted by SCDNR occurred in the 1970's and early 1980's. There is a great need to document and understand current status and trends in stream resources of the State, as well as develop a comprehensive aquatic habitat classification. The participation of SCDNR in the Southeast Aquatic Resource Partnership illustrates our state's concern over the region's decline in populations of native species of fish and aquatic invertebrates, resulting in loss of aquatic resource integrity. A reversal of the downward trend requires an understanding of factors that are critical for maintenance of suitable habitat capable of supporting sensitive native species. We must also understand the threats that degrade the quality of aquatic habitats to the point where they no longer support sensitive species. Our vision at DNR is to practice proactive conservation

at the landscape-level, using watersheds as organizational units, giving us the ability to recommend strategies for resource conservation at the land/project planning phase. Our goal is to develop watershed-based models quantifying anthropogenic stressors and their ecological responses in probabilistic terms, while taking into account natural variability. The objective is to implement a statewide stream assessment to gather appropriate data that will allow the Section to: 1) assess status and trends of aquatic resources Statewide; 2) understand causal pathways of threats to aquatic resources; and 3) design effective and efficient management strategies to protect, conserve, and restore aquatic resources throughout the State. The level of scientific understanding we hope to develop through the assessment will enable DNR to recommend management actions that effectively mitigate threats to aquatic resources. Specific strategies may include size and extent of riparian buffers to be maintained or restored, greenspace ratios and optimal location, and guidance for usage of transferable development rights (TDRs) that will steer development into minimally-damaging configurations. The potential positive impact of this type of science-based aquatic resource conservation extends beyond stream systems to our rivers, reservoirs, coastal estuarine and marine resources as well.

The approach utilizes watersheds of appropriate size (wadeable streams) as sampling units, stratified by unique combinations of ecoregion and major river basin in the state (“ecobasins”). Two methods of watershed selection will be employed. One method will establish long-term annual monitoring of least impacted, or reference, watersheds, identified by management biologists and other experts familiar with the region. This method is intended to provide expected resource condition as well as temporal variability. The second method employs random selection of watersheds within ecobasin strata to allow statistically defensible estimates of Statewide resource parameters from the sample data. Data collection will be identical in both sampling designs, occurring at two scales:

- *Watershed* – Point sources as measured by NPDES permits, nonpoint sources as measured by appropriate land use/land cover classes in entire basin and within riparian

buffer, hydrological disruption as measured by impounded area;

- *Stream Reach* – Selected measures of channel geomorphology and flow characteristics, water quality, loads of selected contaminants in water, sediment, and fish tissue, vertebrate and invertebrate community structure.

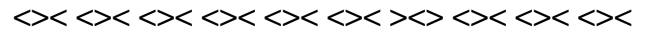
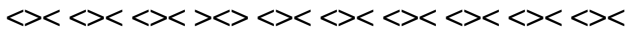
This is to be a multi-year project that rotates the random sampling regime annually among ecobasins of the state. This year the following ecobasins are scheduled for sampling: Savannah Sand Hills, Saluda Sand Hills, Santee Carolina Flatwoods, Pee Dee Atlantic Southern Loam Plains, and Pee Dee Carolina Flatwoods. Field sampling runs from April through December of each year. The SCSSA is funded by a State Wildlife Grant to DNR through the US Fish and Wildlife Service, in collaboration with Clemson University faculty and students funded by a US Geological Survey grant through the South Carolina Water Resources Center.



Stream surveys on Walnut Creek

Upper Chattooga River

The Upper Chattooga River is the destination for many trout anglers. Since 1976, the upper section of the Chattooga River has been closed to boating. Now that restriction is being challenged through an appeal of the Sumter National Forest’s Revised Land and Resource Management Plan (2004). To learn more go to <http://www.fs.fed.us/r8/fms>



Calendar of Events

See our website (www.SCAFS.org) for information and links to many of these meetings. Let us know if you have information of relevant upcoming meetings and workshops.

2006

September

- 10 Gulf of Mexico Fishery Management Council Meeting, location TBD
- 10-14 American Fisheries Society 136th Annual Meeting, Lake Placid, NY
- 10-14 30th Annual Larval Fish Conference Lake Placid, NY
- 16 Beach Sweep/ River Sweep www.scseagrant.org
- 17 SAFMC Meeting, Hilton Head, SC

October

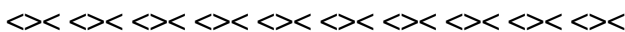
- 20-22 SCMEA- GAME Joint Conference Seabrook Island, SC
- 22 ASMFC 65th Annual Meeting Atlantic Beach, NC

November

- 2-3 33rd Annual Conference on Ecosystems Restoration and Creation Plant City, FL
- 5-8 60th Annual SEAFWA Conference: Wildlife Management in the Next New World. Virginia Dept. of Game and Inland Fisheries, Norfolk, VA
- 13 Gulf of Mexico Fishery Management Council Meeting, Galveston, TX
- 15-19 9th International Conference on Shellfish Restoration, Charleston, SC

December

- 4 SAFMC Meeting, Atlantic Beach, NC
- 11 Mid-Atlantic Fishery Management Council Meeting, New York, NY



2007

January

- 24-25 South Carolina AFS/ SCFWA Annual Joint Meeting with Georgia AFS, Tybee Island, GA

February

- 7-12 Southern Division of AFS Spring Meeting and TN Chapter of AFS Meeting, Memphis, TN

June

- 6-9 Fourth International Reservoir Symposium: Balancing Fisheries Management and Water Uses for Impounded River Systems Atlanta, GA

July

- 11-16 ASIH Annual Meeting St. Louis, MO

September

- 2-6 American Fisheries Society 137th Annual Meeting San Francisco, CA

October

- ? SEAFWA Meeting, West Virginia Division of Natural Resources

2008

February

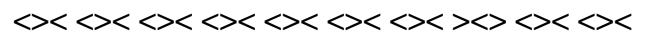
- ? South Carolina AFS/ SCFWA Annual Joint Meeting

July

- 23-28 ASIH Annual Meeting Montreal, Canada

August

- 17-21 American Fisheries Society 138th Annual Meeting, Ottawa, ON



Treasurer's Report

July 13, 2006

Savings		
Beginning 2006 Balance	\$	1,141.41
Dividends	\$	6.08
Transfers to Checking	\$	0.00
Balance as of 7/13/06	\$	1,146.71

Certificate of Deposit		
Beginning 2006 Balance	\$	3,411.89
Dividends	\$	54.14
Balance as of 7/13/06	\$	3,466.03

Checking		
Beginning 2006 Balance	\$	1,469.95
Dividends	\$	3.93
Deposits	\$	1,231.10
2005 annual meeting reimbursement		
2006 dues paid		
	\$	2,704.98
Debits		
2005 Robust Redhorse CC meeting	\$	(1,300.09)
	\$	1,404.89
Balance as of 7/13/06	\$	\$ 1,404.89

2007 ANNUAL MEETING - FIRST ANNOUNCEMENT

**The South Carolina Chapter of the American Fisheries Society
will hold its annual meeting in conjunction with
South Carolina Fisheries Workers Association and
The Georgia Chapter of the AFS.**

Tentative date: January 24 and 25, 2007

Tentative location: Tybee Island, GA

Details and call for papers to be announced soon at:

www.SCAFS.org

CLEMSON SUB-UNIT OF THE AMERICAN FISHERIES SOCIETY

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News and Notes....

Last fall, Clemson's subunit chose new political leaders in an effort to rejuvenate the society; Former President Shawn Young was succeeded by Matthew Noad, and Patrick Ely took over the role as vice-president.

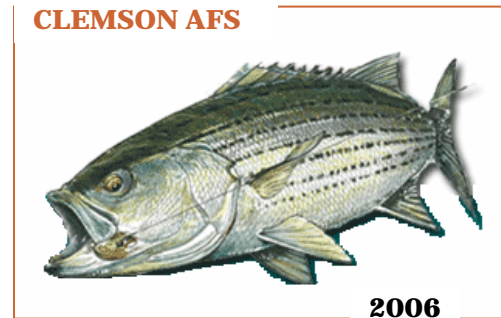
Membership numbers remained low during the 2006 school year, but new ideas are sure to get the Clemson community more involved starting in September. Working along side Clemson's Wildlife society, CSAFS plans to offer monthly field training exercises such as electrofishing, seining, identification of species and aquaculture for students. Also in the works are a number of meetings with Georgia's subunit of the AFS (UGA), as we look to synchronize our efforts tackle conservation issues around the southeast.

Also scheduled next fall is our annual Kidfish for Helping hands and other children who want to get their hands on a big shellcracker! We also hope to have a number of river cleanups in both South Carolina and Georgia.

Finally, a NEW t-shirt sale will be held which we hope will provide much needed funding for recruiting guest speakers and hosting other events.

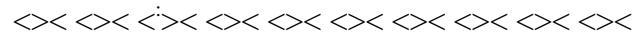
Our members are looking forward to the annual SC, GA and National AFS meetings beginning this September in Lake Placid, NY.

We'd like to thank our new sponsor, Mann's Bait Company for their generous donations. We are currently seeking more donations for our raffle in the fall which will help offset the costs of traveling to the Lake Placid conference.



New Graduates...

Congratulations to Timothy Grabowski, who earned his PhD in Zoology this past April. Dr. Grabowski's work included the temporal and spatial partitioning of spawning habitat by suckers (Catostomidae) in the Savannah River. Tim (tgrabow@uga.edu) is now at UGA working under Dr. Cecil Jennings.



Fringe flounder (*Etropus crossotus*)(photo: Marcel Reichert)

SCAFS Officers

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Officer Profiles

President

Marcel Reichert was born and raised in Haarlem, The Netherlands. He graduated from the University of Amsterdam and received his PhD from the University of Groningen. He worked at the Netherlands Institute for Sea Research until he moved to the US in 1992. Here he worked as research faculty at the University of South Carolina at the Baruch Institute and the Department of Biological Science until his move to Charleston in 2004. His research concentrated on fish ecology, in particular age and growth, community structure, and recruitment processes in estuaries and small freshwater streams. Much of this fieldwork was done at the Baruch Institute in Georgetown and at the Savannah River Site near Aiken. One of the products of collaborative research at the SRS was the recent publication of the book *Fishes of the Middle Savannah River Basin*. In addition to his research, he taught several classes at USC, including Ichthyology. In 2004, Marcel accepted a position at the Marine Resources Division of the SC Department of Natural Resources. His current work with the Marine Resources Monitoring and Prediction (MARMAP) program involves the study

of life history and fishery aspects of commercially important fish species of live bottom habitats (esp. groupers and snappers). Marcel also continues to teach and he is co-instructor of "Introduction to Fishery Science" at the College of Charleston.

President-Elect

Jeanne Riley grew up in the Mississippi River floodplains of Tennessee, where she gained a deep appreciation and love for things aquatic. She received a Masters degree in Fisheries Science from the University of Tennessee and started her career with the US Fish and Wildlife Service. In 1992, she transferred to a position with the US Forest Service in North Carolina. Jeanne moved to South Carolina in 2000 as the aquatic program manager for the Francis Marion and Sumter National Forests.

Secretary/Treasurer

Carrie Hendrix was born and raised in the upstate of SC in a little town called Greenville. You may have heard of it. She always wanted to be a Marine Biologist and pursued this dream by getting a Biological Sciences degree from Clemson University in December 2003. By April of 2004 she had moved to Charleston to work for SCDNR MRD. She is currently on the Adult Red Drum/Coastal Shark Tagging project and loves her job and the beautiful city of Charleston. She is also attending classes part time towards her Master's degree at the College of Charleston. Her hobbies include reading, being outside and active, art, and spending time with family and friends.

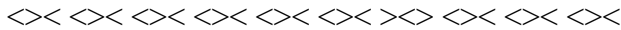


Carrie Hendrix

Membership

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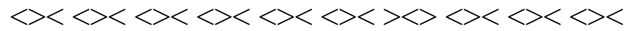
Dues to:
Carrie Hendrix
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SC - AFS FALL WORKSHOP

IDENTIFICATION OF SHARKS OCCURRING IN SC WATERS

Includes lectures and hand-on experience.

Presenters:
Glenn Ulrich and Josh Loefer

Date:
November 18, 10 am - 2 pm

Location:
Marine Resource Division
South Carolina Dept. Natural Resources
Fort Johnson Road
Charleston, SC

More information available soon at:
www.SCAFS.org



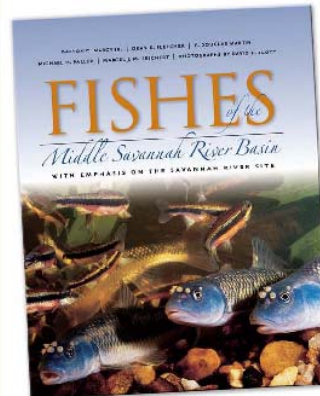
Photo: Josh Loefer

FISHES of the Middle Savannah River Basin

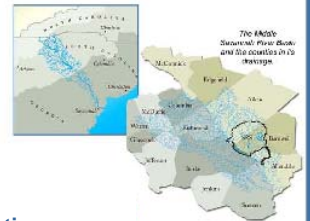
WITH EMPHASIS ON THE SAVANNAH RIVER SITE

Features

- Coverage of approximately 7,000 square kilometers of the Savannah River drainage area, including the Savannah River Site.
- Detailed accounts of 96 native and introduced fish species.
- More than 200 color photographs illustrating fish species (most live, many shown with and without spawning colors) and numerous fish habitats.
- 94 local species distribution maps and 6 area maps.
- Taxonomic identification key illustrated by more than 180 B&W photos.
- Nearly 1,000 bibliographic references.



Barton C. Marcy Jr., Dean E. Fletcher, F. Douglas Martin,
Michael H. Paller, and Marcel J. M. Reichert
with photographs by David E. Scott



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