



American Fisheries Society Southern Division



Alabama	North Carolina
Arkansas	Oklahoma
Florida	South Carolina
Georgia	Tennessee
Kentucky	Texas
Louisiana	Virginia
Maryland	Washington D.C.
Mississippi	West Indian Islands
West Virginia	

July 2001

Mike Meador, President

Newsletter

President's Address

Back at the annual meeting in Baton Rouge I talked about what I hoped we could accomplish this year. I wanted you to know how we're doing so far. In my incoming remarks in Baton Rouge I described three goals:

1. To increase the visibility of the Southern Division,
2. To foster opportunities to promote leadership and mentorship, and,
3. To promote growth and flexibility of the Division's technical committee system.

If you weren't at the mid-year meeting in Jacksonville, you missed an outstanding event! Many thanks to the Florida Chapter and everyone that helped organize a great meeting. At that meeting, AFS Executive Director Gus Rassam and AFS President Carl Burger put together a Leadership Training Workshop that was well attended. As part of a plenary session, Jim Martin and Larry Olmsted spoke to us about the importance of mentoring. Larry conducted a survey of fish and wildlife agencies in the southeast and discovered that roughly 50% of management-level employees in those agencies are eligible for retirement within the next 5 years. We have established a Leadership Development Committee to look at ways in which the Southern Division can help foster and promote leadership development within agencies in the southeast. For example, the Southern Division through this Leadership Development Committee could (1) develop a draft leadership and mentoring program that agencies could use as a guide to build their own leadership development and mentoring programs, (2) develop a core curriculum of leadership development training courses and workshops that could be sponsored through the Southern Division, and (3) explore new ways to create network opportunities and build work relationships within the Southern Division. Duke Power has donated \$5,000 toward support of programs developed by the committee. THANK YOU DUKE POWER! Already ideas have

expanded, and members of the Leadership Development Committee have made presentations at the Fisheries Administrators Section meeting to discuss leadership development and mentoring within agencies across the country.

What can I say about the Student Mentoring Luncheon? Thank you to Student Affairs Chair Bill Ensign and Past President Marty Hale for helping to coordinate that event. If you missed the luncheon and the plenary presentations on mentoring, then you need to check out the President's Hook and Guest Director's Line in the April issue of *Fisheries*. Because of the fantastic efforts of the members of the Southern Division, the Division is in the spotlight for once again leading the way.

And let's not forget our technical committees. You have approved a bylaws change that is now official. This bylaws change now provides the Division with the flexibility to address emerging technical issues more expediently, without enacting repetitive bylaws changes to add new technical committees or change the existing technical committee structure.

The future is up to you. You will find a ballot for the Southern Division elections in this newsletter. Please take the time to consider the candidates' qualifications and VOTE. Your vote is extremely important. Division officers represent you and your views in helping to shape Parent Society policy and procedures as members of the Society's Governing Board. Division officers are here to serve you. By the way, notice that we do not use a butterfly ballot, so it's not that confusing.

Finally, the Southern Division is great because of the time and energy that each of you volunteers willingly. I want to thank each of you for your dedication and hard work.

Mike

***SDAFS ELECTION BALLOTS ON PAGE 2* Make your opinion known, PLEASE VOTE!**



Officers for 2001-2002

Mike Meador - President

Jeff Boxrucker - President Elect

Steve Filipek - Vice President

Dick Luebke - Secretary/Treasurer

Marty Hale - Past President



Check out the unabridged Newsletter, online at www.sdafs.org. Most sections of the printed version were shortened due to space constraints. Questions or comments are welcomed at sdnews@vt.edu, or by regular mail at SD Newsletter Editor, 106 Cheatham Hall, Blacksburg, VA 2406. John Kilpatrick and Jacob Rash, eds

2001 Southern Division Elections

CANDIDATES FOR VICE PRESIDENT

Laurence L. Connor

I am originally from the Los Angeles, California area and became interested in the fisheries field through fishing, camping, and backpacking in the Sierra Nevada Mountains and south coast of California. I received a BS degree from Utah State University in 1974 and a MS from Virginia Polytechnic Institute and State University in 1977. Between university sojourns, I worked for Utah State University as fisheries technician and for the USDI, Bureau of Land Management in New Mexico as fisheries biologist. I returned to California after completing my MS degree and worked a second time for the Bureau of Land Management as a fisheries biologist.

I began my career with the Florida Game and Fresh Water Fish Commission in 1979 at Panama City where I worked on a project evaluating grass carp in a coastal reservoir. From 1980 to 1986, I worked on the St. Johns River studying sport fish populations, water quality and habitat, and angler use. I have been co-project leader of a data analysis and statistics project since 1986. The project is charged with developing fisheries databases, developing and conducting angler surveys, and providing study design and data analysis expertise to other projects around the state.

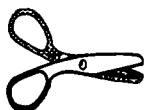
I have been an American Fisheries Society member since 1974 and a life member since 1989. I served as Vice-President of the Virginia Tech Chapter in 1976. While I am not a charter member of the Florida Chapter, I have been a member since the early 1980's. I served two terms, 1994 and 1995, as the Chapter's Secretary/Treasurer. I followed that by serving as Florida Chapter President in 1997. I have also worked on the membership and raffle committees and helped organize and moderate two symposia at the Chapter's annual meetings. I was a member of the local arrangements committee for the 1995 AFS Annual Meeting and served as budget chair. At that time I was in charge of the Florida Chapter's "Bridge to Mexico" fund raising effort inside the Society. This effort was directed at raising funds to assist Caribbean and Latin American scientists attending the annual meeting. Since then I have remained involved with the Florida Chapter's and Southern

Division's Caribbean basin outreach efforts. I was elected the Southern Division's 1998 to 2000 Secretary/Treasurer. I was the general arrangements chair for the Southern Division's 2001 Midyear Meeting in Jacksonville, Florida. I have also served on the Society's time and place committee from 1998 to 2000.

Greg L. Summers

Greg Summers is employed by the Oklahoma Department of Wildlife Conservation as Director of the Oklahoma Fishery Research Laboratory. He received his BS (1973) in Zoology and MS (1978) in Environmental Science from the University of Oklahoma. Greg began his professional career as a contract biologist with the Oklahoma Cooperative Fish and Wildlife Research Unit in 1974 and was employed as a fisheries technician by the ODWC later that year. He was promoted to a biologist position in 1975 and became the Laboratory Director in 1982 where he oversees a staff of about 17 individuals. Greg has been involved in numerous research projects dealing with reservoir fishery management but lists his most notable accomplishments in biotelemetry, angler surveys and length limit investigations. His recent endeavors have been in the area of human dimension research, dealing with constituent inventory and development of marketing plans to increase fishing participation in Oklahoma. Greg has authored or coauthored over 30 scientific articles and technical reports.

Greg has been a member of the Society since 1976. He has served on the Southern Division Reservoir Committee, Striped Bass Committee and Audit Committee. As a member of the Reservoir Committee, he was part of the planning and implementation team for the Barkley Reservoir Study and a coauthor of the Striped Bass Committee's Culture Manual (2nd ed.). Greg has served as President of the Oklahoma AFS Chapter, on the organization committee for the 1997 Southern Division mid-winter meeting in San Antonio, Texas and recently on the Southern Division Ad Hoc Committee on Technical Committees. He is a member of the AFS Fisheries Management Section.



2000 SDAFS Election Ballot

Please vote for ONE candidate in each of the following categories:

Vice-President

Larry Connor

Greg Summers

Div. Repr. to AFS Nominating Committee

Fran Gelwick

Scott Van Horn



Please mail completed ballots to:

Keith W. Ashley, 102 Hillcrest Drive, Cape Owen Manor, Elizabethtown, NC 28337-9782

2000 Southern Division Elections *cont...*

CANDIDATES FOR DIVISION REPRESENTATIVE TO AFS NOMINATING COMMITTEE

Fran Gelwick is an assistant Professor at Texas A&M University, and teaches Fisheries Management, Animal Ecology, and Aquatic Ecosystem Management. She has a B.S. in Zoology from University of Oklahoma, M.S. in Biology from University of Tulsa, and PhD in Zoology from University of Oklahoma. Fran's research ranges from habitat use, diet and assemblage structure of reservoir fishes, to use of field manipulations and experimental streams to study behavior, ecosystem processes, and potential effects of invasive species under global climate change scenarios. As research assistant at Oklahoma Fisheries Research Laboratory, she studied introgression of the Florida largemouth bass genome into stream populations of northern largemouth bass. In Texas, she and her students study effects of shoreline urbanization on reservoir fishes, and of desalination, flow regime, habitat structure, and land use on fish, crayfish, and mussels, and of diked wetlands on biota of riparian and estuarine systems. She works on a team modeling cultural, socioeconomic, political and ecological aspects of sustainable ecosystem integrity in San Antonio and Nueces Coastal watersheds, and is on the Biological Advisory Team for the Edwards

Aquifer Authority.

Fran is a member of National AFS (since 1990), Texas and TX A&M Chapters (1995-present), past member of Oklahoma Chapter (1990-1995) and a member of Fisheries Management and Introduced Fish Sections. She served as Student Outreach Committee Chair for Texas AFS and on Awards Committee. She is a Faculty Advisor of TX A&M Chapter (since 1995) and on National AFS Publications Overview Committee (1997-2000) and a Sub-Committee Chair (1999-2000).

Scott Van Horn is a fishery research biologist for the North Carolina Wildlife Resources Commission where he has worked for 26 years. Scott received a master's degree in fisheries science from Virginia Tech. His work in North Carolina has focused primarily on evaluating sport fish management activities in reservoirs. He has been an occasional contributor to SEAFWA fisheries technical session programs. Scott has been an AFS member since the early 1970's and active in the Southern Division since 1976. His SDAFS experience includes a long history inside the technical committee system including stints as chair of reservoir and striped bass. Scott has been the SDAFS President and served as an organizer and first president of the North Carolina Fisheries Workers Association which became an AFS chapter within a few years.

ATTENTION STUDENTS!!!

FREE STUDENT LODGING IS AVAILABLE FOR THE 2001 SEAFWA MEETING!!!

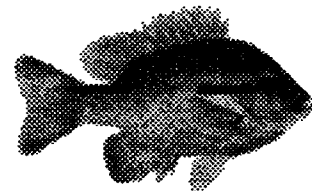
The 2001 Southeastern Association of Fisheries and Wildlife Agencies Annual meeting will be held October 13-17 at the Galt House in Louisville, Kentucky. The SDAFS Student Affairs Committee has reserved a block of rooms for free student lodging October 14, 15, and 16. Each room will be shared by four students of the same gender. Application deadline is September 1, 2001!!

The SEAFWA meeting provides excellent opportunities for students to develop their professional skills. Take advantage of this opportunity to become more involved in your profession! If you are interested in obtaining free lodging, send your name, address, contact phone number, e-mail address, school, status (graduate or undergraduate), AFS member number (located on your FISHERIES mailing label) and a statement about why you wish to attend the meeting to:

Dr. Bill Ensign
Department of Biological and Physical Sciences
Kennesaw State University
Kennesaw, GA 30144
(770) 499-3505
bensign@kennesaw.edu

In the event that requests exceed the number of spaces available, the following criteria will be used to determine those receiving rooms:

1. Is the applicant presenting a paper or poster?
2. Has the applicant attended the Mid-year meeting before?
3. Is the applicant a member of AFS?
4. Is the applicant an undergraduate or graduate?
5. What was the date of the room request?
6. What lodging dates are requested?



Technical Committee Reports/Concerns

Aquaculture-

Mike Gibson advised the committee that Ron Southwick has agreed to serve as interim Committee Chair pending nominations and election of a new Chairman. Mike will step down from his role as an extended chairman and Ron will assume this responsibility until nominations and an election is completed. Mike has requested that nominations and election occur at the next meeting in Kentucky.

Draft copies of the Aquaculture Technical Committee Questionnaire designed to set cost analysis criteria for standardizing fish production costs within the SDAFS member states were handed out. Ron Southwick will mail copies to members not present at the meeting along with information as to where to send completed forms, comments / suggestions and due dates. Members noted the importance of each state participating in this survey for the purpose of developing a consensus on calculating fish costs.

Mike also suggested each state distribute copies of their annual hatchery production reports to member states as a means for states to keep abreast of other states fish production and aid in coordinating surplus and shortage assistance between states.

It was suggested by Mike that SDAFS member states look at developing a fish-trading workshop, similar to the Mid-Continental Fish Workshop, to coordinate and plan exchanges of production fish between states. Mike noted that this workshop has worked extremely well with those states that participate. This item will be on the agenda for the next meeting, so members should discuss the validity of this type of program within their respective agency and advise the committee whether they would participate. Further discussion and planning will be conducted at the meeting in Kentucky.

The Committee has been asked to prepare a poster for the 2002 Mid-year meeting to be held in Arkansas, depicting our committee's involvement. This is being done in conjunction with a 50 years of Southern Division theme.

Nongame Aquatics Committee-

At the 2002 Midyear meeting in Little Rock the Southeastern Fishes Council (SFC) will jointly meet with the Southern Division, providing an opportunity for information sharing across the artificial game-nongame line. The Committee's involvement in this meeting, jointly planned with the SFC, will include a full day of nongame fish sessions, a freshwater mollusks session, and a workshop on the ecology, biology, and diversity of crayfish. If you have questions about the Nongame Aquatics Committee or the plans for the Mid-year meeting, contact Committee Chair Brian Wagner (bkwagner@agfc.state.ar.us).

Small Impoundments-

- ◆ *Urban Fishing Mini-Symposium*-Following on from the success of the Urban Fishing Program Techniques Workshop that was held at the Mid-year Meeting in Jacksonville (Feb. 23, 2001), the SIC is organizing an Urban Fishing Mini-Symposium to be held at the 2003 SD AFS meeting in Wilmington, NC. The core themes will be angler recruitment and angler retention.

- ◆ *SIC poster presentation for 2002 Mid-year meeting*-Diana Saul dlsaul@agfc.state.ar.us (Arkansas) will coordinate the committee's poster presentation for the 2002 Mid-year. She will be contacting committee members for ideas, photo's, and other suitable materials.

- ◆ *Newsworthy Items from involved States-*

- **Alabama**

Alabama's Fisheries Section provides *free technical assistance to private pond owners*, including population balance checks; recommendations for the control of nuisance aquatic plants, water quality information, fish kill investigation and general management advice. During the past year, the Fisheries Section made 1,134 visits to provide technical assistance to pond owners.

In addition, the Fisheries Section provides limited pond stocking services. During FY2000, Alabama's Fisheries Section provided 1,653,150 bluegill and 187,674 bass fingerlings to pond owners. These fish were used to stock 428 ponds covering 1,972.5 acres. Bass, bluegill and redear fingerlings (~2" in size) are provided to stock new or renovated ponds. Larger bass fingerlings (4-5" in size) are provided for corrective restocking.

Alabama's Public Fishing Lakes (commonly known as State Lakes) program is comprised of 23 lakes located in 20 counties. These lakes range in size from 13 to 184 acres. All were originally stocked with largemouth bass, bluegill, redear sunfish and channel catfish. Some lakes contain crappie (black and white) and hybrid striped bass (palmetto bass). Madison County Lake also receives a seasonal stocking of rainbow trout.

During FY2000, a total of 179,125 anglers fished in these lakes, a decrease of 4% from FY99. Even so, both total harvest and CPUE increased. During FY2000, a total of 333,503 fish weighing 247,402 pounds were harvested (16% and 8% increase respectively over FY99). CPUE improved 13%, from 1.22 lbs. per angler day to 1.38 lbs. per angler-day. Questions or comments should be addressed to Jack Turner jturner@dcnr.state.al.us.



Technical Committee Reports/Concerns *cont...*

• South Carolina

A reciprocal transplant study was initiated in South Carolina to compare the performance of largemouth bass genotypes. South Carolina is located in the broad inter-grade zone that exists between the ranges of the northern and Florida subspecies of largemouth bass. Surveys have shown that the state's Coastal Plain largemouth bass populations are dominated by Florida alleles (98%), while Piedmont populations more closely resemble the northern subspecies (36% Florida alleles).

Thirty-seven new or renovated farm ponds (1-3 acres) were stocked in 1994-95 with fingerling largemouth bass propagated from either Coastal Plain or Piedmont strains. Growth of the two genotypes was evaluated at one and three years of age.

Region (Coastal Plain or Piedmont), strain, and the interaction of region and strain were tested as predictors of growth rate for first year and third year growth. The only significant differences found ($P=0.05$) were between regions for growth at age-1 and at age-3, with fish stocked in the Coastal Plain growing faster. To evaluate which alleles are most commonly passed from one generation to the next, juvenile largemouth bass are continually collected from each of the ponds biannually and compared genetically to original stocks. Contact Jean Leitner, S.C. district biologist JeanL@scdnr.state.sc.us for additional information.

Lake Brown, a 100-acre state lake located in Barnwell County, South Carolina, is being considered for a supplemental stocking of Tilapia. Lake Brown is highly eutrophic and water quality becomes degraded in the summer months. Bluegill reproduction is suppressed and growth and harvest of largemouth bass and black crappie are affected.

Tilapia are being considered as an additional species to be added to the system for several reasons, including (1) they are capable of reproducing and surviving in degraded water quality, (2) they can provide both a prolific forage base and recreational fishery, (3) winter water temperatures insure mortality annually to prevent contamination of other waters, and (4) brood stock is easily obtained at low cost. Little information can be found as to stocking rates in impoundments that contain predatory species. Currently, rates of 50-100 adults per acre have been suggested. We will be experimenting with this and also looking at reproductive success levels at different stocking rates. Condition factor of largemouth bass and black crappie will be evaluated, along with angler acceptance and harvest success.

Anyone having experience with this species in an urban fishing environment is asked to contact David Allen dallen@scdnr.state.sc.us or Chris Thomason cthomason@scdnr.state.sc.us.

The exotic Asian Snail (*Cipangopaludina: Chinensis malleata*) (Reeve 1863) is a point of concern. The snail was introduced into Jonesville Reservoir, one of our State Lakes, about five years ago. Since release, probably due to release of unwanted aquarium fish, this large snail (52-68 mm) the snail has increased in number dramatically. We have stocked redear sunfish fingerlings the past couple of years in hopes of providing a natural control for this animal, but so far the snail is holding it's own! The snail may compete with native species, but other than that they are not known to cause problems. Address any comments or questions to Dick Christie dchristie@InfoAve.Net.

• Georgia

Pond owners receiving fish from the Walton Fish Hatchery during the 1999-2000 stocking season were asked a series of questions to profile their expectations of fish population performance in their new ponds. The Walton Hatchery's clientele are from a mixture of 33 rural to urban counties in central Georgia. Two formats used to present the four questions were alternated between pond owners. Responses from the two formats were very similar. The old cliché "have your cake and eat it too" seems to describe these Georgia pond owners. Largemouth bass quality and quantity were more important than bluegill, but most still wanted the opportunity to catch nice bream. Responses to question 4 suggest that pond owners prefer a balanced population, whether they know it or not. These results were similar to those received by Tennessee WRA asking pond owners the same questions. Contact Bubba Mauldin bubba_mauldin@mail.dnr.state.ga.us or Dave Rizzuto with TWRA drizzuto@mail.state.tn.us for additional details or comments.

1.	You will fish your pond most often for:	
	Largemouth bass	<u>50.4%</u>
	Channel catfish	<u>15.8%</u>
	Bream	<u>33.8%</u>
	Other	<u>0%</u>
		Number=133 ^a
2.	How large will a bass from your pond have to be before you consider it a nice-size fish?	
	2 pounds	<u>29.5%</u>
	4 pounds	<u>40.1%</u>
	6 pounds	<u>24.2%</u>
	Larger	<u>6.3%</u>
		Number=207

3.	When fishing your pond would you rather	catch:
	10 largemouth weighing 3/4 pound.	<u>12.9%</u>
	3 largemouth weighing 2 1/2 pounds.	<u>57.6%</u>
	1 largemouth weighing 4 pounds.	<u>29.5%</u>
		Number=210

4.	You will be happiest if your pond produces catches of:	
	large, but fewer bream with many small bass.	<u>12.3%</u>
	average size, but maximum numbers of both bream and bass.	<u>73.4%</u>
	large, but fewer bass with many small bream.	<u>14.3%</u>
		Number=203

^a The number of responses vary between questions due to: (1) pond owners selecting multiple choices within a single question or (2) no response was indicated. Questions with multiple responses were not tallied. (no CHAD questions in this survey!)

Technical Committee Reports/Concerns *cont...*

Striped Bass-

The Striped Bass Committee met at Lake Norman in North Carolina 21, 22 March. The meeting agenda reflected the Committee's focus on reservoir striped bass management. A questionnaire on reservoir striped bass management practices was distributed to participants before the meeting and was later used to form a basis for a discussion comparing reservoir striped bass management practices among states. Reservoir striped bass management's socio-political issues were also addressed. Case histories from Lake Norris, Smith Mountain Lake, Lake Norman, and Lake Murray were presented and discussed. The common theme for the presentations was agency/angler conflicts over striped bass management policies. Dr. Steve McMullin from Virginia Tech and Dr. Lynn Maguire from Duke University were invited to help critique agency approaches to managing conflict in each situation and to provide general comments on conflict management techniques. The contact person for the Striped Bass Committee is Scott Van Horn (vanhorsl@mail.wildlife.state.nc.us) or approach any Committee member.

Bioenergetics-

<http://biosys.bre.orst.edu/afseng>

One of my goals as Bioengineering Section President is to bring in new members, particularly younger people with fresh ideas and the energy to make them happen. Interested? Read on and join us if it seems right for you!

WHAT IS BIOENGINEERING? By Alex Haro (from BioEngineering Section Newsletter Vol. 18, No. 1, January 2001)

My dusty copy of Webster's Ninth New Collegiate Dictionary defines bioengineering as a noun (ca. 1954), having "application to biological or medical science of engineering principles (as the theory of control systems in models of the nervous system) or engineering equipment (as in the construction of artificial organs)." The concept of bioengineering among the present day media and the general public conjures images of scientists in white lab coats creating complex molecular structures (or "modified" organisms) in some deep underground laboratory. Yet bioengineering can mean much more than this, especially within the fisheries science profession. Fisheries science has gone beyond the enumeration of catch statistics, hatchery production, and field surveys of fish populations. The technologies and disciplines available to fisheries scientists today allow for broader and intensive investigations than were undertaken in the past, to address much more complex questions. Likewise the engineering profession has broadened its scope to tackle resource conservation problems that involve the hydraulic, structural, and civil engineering fields.

The result has been that the fisheries science and engineering professions now have broad overlap, and many applied problems such as fish passage, fishing gear development, development of hydrologic models, and biological and environmental measurement technologies require considerable contributions from both the biological and engineering fields. However, many of us as members of AFS still classify ourselves as either "biologist" or "engineer," when in fact we are doing both. You may be "doing bioengineering" if you are:

- Developing engineered structures for fisheries conservation and science. This might be a traditional "fish structure" (fishway, bypass, or channel), fish habitat (both natural and artificial), or fishing gear (net, weir, processing machine, etc.). Alternatively, this could include investigating or modifying "non-fish" structures, such as culverts, heat exchangers, water intakes, etc.
- Applying engineering techniques to fisheries studies. This includes development of advanced electronics (e.g., telemetry), control systems, software or innovative instrumentation.
- Sharing biological information with engineers (or vice versa) to address a common problem or develop criteria or standards. Examples would be results of telemetry or hydroacoustic studies relative to an engineered structure (e.g., intake), characteristics of fish swimming (relative to fish passage), effects of thermal or chemical factors of fish survival and behavior (relative to discharges and plant operations). Conversely, engineers may assist biologists by providing designs for structures or equipment, characteristics of materials, substrates, or fluids, or advice on engineering principles or regulations.

AFS's Bioengineering Section is diverse, including biologists, engineers, and managers. If you are "doing bioengineering," and are not a member of BES, we invite you to join us and share your experiences and expertise. BES is a great way to meet and communicate with others who are integrating biological and engineering concepts, and also a vehicle to find out what is happening (or will soon happen) in the field.

A link from our homepage (above) takes prospective members to an AFS web page with forms for registration. Click on "Online," open the "Membership Renewal Form" and complete it; select only the Bioengineering Section membership box. All processing fees will be waived for current AFS members who are only joining the BES. It only costs \$5 per year! Questions or comments can be directed to ntaft@aldenlab.com.

Communications-

The Communications Committee has been charged to assist units within the Southern Division to create web sites if they have not done so already. The Louisiana Chapter has recently come online and the remaining units will potentially have web sites created by the end of 2001. Due to the growth of the Southern Division and subunit web sites, we will have to change hosting plans to one with more disk space and data transfer capability. The web site will be unavailable for a few days while the domain

Technical Committee Reports/Concerns *cont...*

name gets transferred to the new address. Information regarding the Southern Division Silver Anniversary meeting (2002 Midyear Meeting in Little Rock) is already being posted by the Arkansas Chapter.

Warmwater Streams Committee-

We sponsored a workshop at the 2001 Mid-year on Natural Resources Negotiation and plan to co-sponsor a workshop at the 2002 Mid-year along with a symposium on warmwater stream fishery management. We are completing our Warmwater Streams value video, and plan to have its premier this fall at the SEAFWA meeting in Louisville, KY. The Warmwater Streams Committee will be presenting the Jimmie Pigg Memorial Outstanding Student Achievement Award at the 2002 Mid-year. All students are strongly encouraged to submit nomination material. Other ongoing projects include the development of a *safety in the workplace* education program and the initial planning for a national warmwater streams symposium.

ATTENTION STUDENTS!!!

Important information concerning the upcoming national AFS meeting in Phoenix!

The American Fisheries Society's (AFS) Annual Meeting is a professional meeting of aquatic scientists from around the world. It is AFS's primary public event for the year, and it is used to help scientists share information on freshwater and marine fishes and fisheries. The 2001 meeting will be held at the Crowne Plaza Hotel and Phoenix Civic Plaza in beautiful downtown Phoenix, Arizona on August 19-23, 2001. The annual meeting is a great place to meet and develop professional contacts with other individuals interested in fisheries such as fellow students, fishery professionals, potential employers, and graduate student mentors from around the world. Often, landing a first job, graduate project, or post-doctoral research position depends a great deal on your ability to network and sell yourself to potential employers or graduate school mentors.

The AFS meeting also provides the opportunity to meet and learn from some of the leading pioneer fishery scientists in both casual and formal settings. Most fishery professionals will spend time talking to students who have an interest in learning more about their research or will provide valuable guidance to students who need assistance. In addition, the technical sessions, symposiums, and workshops will address many of the current and critical issues facing our freshwater and marine fisheries.

We are also organizing a *Student Job Fair and Social* for the annual meeting in Phoenix. The student job fair is tentatively being held on Tuesday, August 21, from 6-7:30 pm, and the student job fair social will follow directly after from 7:30-10:00 pm. If you are interested in employment or graduate school opportunities at this time, we recommend you attend both events. The AFS meetings are attended by representatives from state and federal government agencies, universities, and private organizations. Last year's meeting in St. Louis had representatives from 18 countries and 48 states attending. A job board will be displayed with employment vacancies and graduate school opportunities. All interested students are encouraged to bring at least 20 resumes, triple hole punched, which will be placed into binders for potential employers and graduate mentors to view. The student social, besides having free food and drink, will provide an opportunity to talk one on one with potential employers or graduate student mentors. All employers and graduate student mentors will be strongly encouraged to bring extra copies of their job or graduate school announcements and be prepared to discuss their openings with prospective students.

As in the past, a *student work program* will be available for students who want the chance to work and earn money for the meeting and gain invaluable experience. Students will be paid \$8.00 per hour and must agree to work at least six hours during the meeting. Students who agree to work will be able to recoup the cost of their registration and may even be able to cover the partial costs for meals, lodging, and other expenses. Student assignments will include operation of audio/visual equipment, selling raffle tickets, registration assistance, transportation assistance, entertainment assistance, poster assistance, and general help as needed.

REGISTRATION

The registration fee for student members is only \$85.00, which includes membership into the AFS Student Subsection (Education). Non-member student registration is \$115.00. Special hotel room rates are available at the Ramada Inn (\$59.00 single/double, \$69.00 triple, \$79.00 quad) and the Hotel San Carlos (\$77.00 single/double). The Crowne Plaza Hotel is the host hotel and also has very reasonable Room rates - \$80.00 for a single or double with a \$10.00 extra charge per person per night. Please mention that you are a student when making reservations at the Ramada Inn and Hotel San Carlos. To reserve a room call the hotels directly: Crowne Plaza 1-602-333-5000, Ramada Inn 1-602-275-5746, Hotel San Carlos 1-602-253-41.

Students wanting to work during the meeting or requiring further information should contact Student Affairs Chair Heidi B. Blasius as soon as possible at hblasius@gf.state.az.us, (520) 628-5672, EXT. 136, Fax (520) 628-5080, or regular mail at Arizona Game and Fish Department, 555 North Greasewood Road, Tucson, Arizona 85745.

We Hope to See You in Phoenix!!!

Laura Hutchcroft, Units Coordinator 5410 Grosvenor Lane, Suite 110 (301) 897-8616 ext 201 lhutchcroft@fisheries.org
American Fisheries Society Bethesda, MD 20814 Fax: (301) 897-8096 <http://www.fisheries.org>

Chapter Reports

Auburn-

We spent nearly \$4000 this year sending chapter members to scientific meetings and have made several donations to local charities, including the local food bank and school system. Our membership is up approximately 35% from last year.

We have conducted or been involved in 4, kids' fishing days at various ponds in the area. We have continued our outreach by hosting a group of Connecticut high school students and speaking about aquatic biology to local elementary schools.

We have begun design on a web site, with a goal of having our site fully operational by the end of the year.

Arkansas-

www.sdafs.org/arkafs/arafs.htm

The Arkansas Chapter met jointly with our State's chapter of The Wildlife Society at Lindsey's Rainbow Resort on the Little Red River in Heber Springs. The meeting included a one-day Symposium on "proposed US Army Corps of Engineers projects on the Lower White River," which included speakers from the Corps, the Arkansas Game and Fish Commission, the US Fish and Wildlife Service, and other local experts. Presentations from Elizabeth Blood (Jones Ecological Research Center), David Smith (California Department of Fish and Game), and Chris Mathewson (Texas A&M University) offered perspectives on the controversies surrounding the Lower White River based on personal experiences in similar situations.

The meeting also included a day of technical sessions. The Best Undergraduate Paper Award was presented to Chao Mwatela, the Best Graduate Paper Award went to Daniel Dauwalter, and the Bayou Bartholomew Alliance was presented with the Robert M. Jenkins Award for Outstanding Conservation Achievement. Red Tatum received the Joe Hogan Award for Individual Achievement. At the business meeting, John Jackson was elected treasurer and Betty Crump was voted president-elect. An Ad Hoc Black Carp Committee was formed to draft a resolution concerning the use of black carp in the aquaculture industry.

Georgia-

www.uga.edu/ugafish/ga-afs/

Our 2001 annual Chapter meeting was held January 30 - February 1 in Athens, GA. Thirty-six papers were presented, followed by a banquet and raffle. A special thanks goes to Dr. Bob Reinert from The University of Georgia for obtaining raffle items and for serving as the MC for the event.

Several awards were presented including best student paper awards to the following; First Place- David Walters of the Institute of Ecology at The University of Georgia for his paper entitled "Sediment and stream fishes in the Etowah River system", second place was awarded to Margaret

Kearns of the Jones Ecological Research Center for her paper "Does flow regime affect yearly growth of fishes in Southwest Georgia?" and third place to Lee Hartle of the Institute of Ecology at UGA for his paper entitled "Status of Georgia's endangered Altamaha Shiner in the Upper Oconee River Watershed". The chapter also recognized Scott Hendricks of Georgia Power with the past presidents plaque for his work for the chapter, Matt Thomas of the GA Wildlife Resources Division (GWRD) with The Distinguished Service Award, Dennis Young of the GWRD with the Fishery Worker of the Year Award and Bob Rees, also with the GWRD, with the Career Contributions to Fisheries award. Elections were held and Rob Weller took over from Scott Hendricks as chapter president, David Higginbotham was elected as president-elect, and Bill Davin was re-elected as Sec/Treas.

Louisiana-

www.sdafs.org/laafs/

We conducted the 22nd Annual Meeting of the Louisiana Chapter of AFS at the Burden Plantation in Baton Rouge February 8th and 9th. The meeting had five invited speakers from four agencies who informed us regarding their uses of GIS in ways related to fisheries.

Students were given special recognition at the meeting. Ken Riley addressed the Chapter and was elected as the first chair of the Student Committee. Students have a space in the Newsletter and on the Chapter Web Site. The Chapter also approved \$500 support for students to attend AFS meetings.

Mark Bates was elected as the first chair of the 2010 Committee, which combines the functions of a Member Committee and a Long-range Planning Committee.

Jim Hanifen and Chuck Wilson of our History Committee updated our bylaws with AFS headquarters and are preparing a poster on the Chapter's history for the Southern Division Mid-year Meeting in Little Rock, Arkansas in 2002.

The Chapter Web Site Committee, chaired by Paul Lang, has developed our Web Site (above).

Mississippi-

www.cfr.msstate.edu/msafs/msafs.htm

Our Annual Meeting was held during February 2001 at the Mississippi Museum of Natural Science. The meeting consisted of numerous scientific presentations, election of officers, and presentation of best student paper award (Nicole Crochet, College of Marine Sciences, University of Southern Mississippi), presentation of student travel awards (Eric Hoffmayer, University of Mississippi and Kirsten N. Wheeler, The University of Southern Mississippi), and a visit/presentation by the Southern Division's Vice-President, Steve Filipek.

The Chapter's Student Caucus convened, elected officers, and focused on increasing student participation in the Chapter



Chapter Reports *cont...*

organization. Kirsten N. Wheeler, student at the College of Marine Sciences, The University of Southern Mississippi, was elected to represent the student organization on the Chapter's Executive Committee, giving the students a voice in the decisions made by the Chapter.

The Mississippi State University Student Sub-Unit remains very active and is completing the development of a Sub-Unit webpage; webmasters are Peter Smiley and Craig Walker.

The Chapter website is under renovation; webmasters are Jim Bartlett and Craig Walker.

North Carolina-

www4.ncsu.edu:8030/unity/users/j/jhncsu/public/AFS/

The North Carolina Chapter AFS met jointly with the South Carolina Chapter AFS and the SC Fishery Workers Association on January 17 - 19 at the SeaTrails Resort in Sunset Beach, NC. Thirty-eight papers and 10 student papers were presented. Rich Fulford, newly elected NCSU Student Sub-unit President, won the best student paper award for his presentation titled "Scaling up in the Study of Recruitment Dynamics: An Example from Lake Michigan". Bob Curry took over the NC Chapter Presidency from John Crutchfield.

The North Carolina AFS Chapter recently teamed up with the North Carolina Chapter of The Wildlife Society (NCTWS) to sponsor the visit of a Russian fisheries biologist, Vladimir (Vlad) Khokhriakov from the Smolensk Lakelands National Park. The program helps foster information exchange and understanding of scientific and environmental education methods. During his visit to North Carolina, Vlad accompanied biologists on several sampling trips throughout the piedmont and coastal plains regions of the state. Vlad was impressed by the breadth of fisheries research and monitoring activities within our country, the amount of law enforcement effort on our rivers and lakes, the quality of the field and laboratory equipment used by biologists, the accessibility of biological data via the Internet, and the teamwork of biologists in conducting research and monitoring activities.

Overall, the visit was very informative and provided international goodwill with our professional colleague from Russia.

The NC Chapter is busily planning for next year's Annual Chapter Meeting at Duke Power Company's Environmental Lab on Lake Norman in February 2002 and the 2003 SDAFS Mid-year Meeting in Wilmington, NC.

Tennessee-

www.tn-afs.org/

The Tennessee Chapter Annual Meeting was held at Paris Landing State Park in Buchanan, Tennessee. Steve Filipek, Southern Division Vice-President, attended the meeting and gave an update on division and parent society news. Mike Butler, Tennessee Conservation League President, also gave the chapter an update on TCL's ongoing projects and concerns. The Tennessee Chapter unanimously passed a resolution prohibiting the introduction of Black Carp, into the waters

of Tennessee. Frank Bulow, after many years of service as History Committee chairman, has passed the reins to Doug Peterson. Doug's first project as chairman will be the creation of a poster for the SD 50th anniversary celebration in 2002.

The Tennessee Chapter held its first ever chapter auction and raised \$2056. ALL of the funds were then distributed to chapter members to support youth fishing rodeos in the state.

The Lance Rider-Fisheries Scientist of the Year, Frank Bulow-Lifetime Achievement Award, Allen Franklin- Friend of Fisheries Award, and Mike Edwards- Best Student Paper Award were handed out at the Chapter banquet. J. Fred Heitman was awarded a plaque thanking him for his year as Tennessee Chapter President.

Virginia-

fwie.fw.vt.edu/va-afs/

The Virginia Chapter held its annual meeting on February 8-9, 2001, in Luray, Virginia. The meeting featured a Plenary Session on "The Role of Science in Policy-Making". Plenary speakers were Gus Rassam (AFS), Ron Eisler (AFS), Tom Franklin (The Wildlife Society), and Gary Martel (Virginia Department of Game and Inland Fisheries). Other papers (14) focused on using volunteers in monitoring and management, CARA, aquatic GAP, and several research topics.

At the business meeting, the chapter presented awards to Rob Paulette and the U.S. Navy Explosive Ordnance Disposal Detachment, Yorktown (Natural Resources Conservation Award); Price Smith, Virginia DGIF (Professional Service); Amanda Rosenberger of Virginia Tech (Graduate Scholarship); and Mary Beatty of Virginia Tech (Undergraduate Scholarship). Following the meeting, the Best Student Paper award was given to Sherry Zangueneh, a student at Randolph-Macon College. The Chapter made donations to the Transplant Fund for Tim Copeland, Virginia Tech graduate student and Chapter member, who is undergoing a bone marrow transplant treatment for leukemia.

Several officers were retired: Steve McMullin, past-president; Patricia Flebbe, secretary and newsletter editor, and Bill Kittrell, treasurer. Chas Gowan became past-president, and new officers were installed: Becky Wajda, president; Dan Garren, president-elect; Mark Kopeny, secretary and newsletter editor, and Bob Greenlee, treasurer.

Virginia Tech-

filebox.vt.edu/org/vtafs/

The Virginia Tech Chapter is looking forward to the joint meeting we are hosting with the Tennessee Tech SubUnit in November. Our members are currently organizing lesson plans for this September, where we will talk to children about fish diversity. We are kicking off a new Membership Committee this fall to involve even a greater diversity of individuals in our chapter. We have raised about \$28,000 toward our goal of \$55,000 toward a special fund set up to help one of their members, Tim Copeland, who was diagnosed with leukemia.

Chapter Reports *cont...*

Student Subunits/Associations

Tennessee Tech-

eagle.tntech.edu/www/life/orgs/sfa/

Spring 2001 proved to be a busy season for the Student Fisheries Association (SFA) at Tennessee Tech. In early April, the SFA resumed work on a pond located on the Boxwell Boy Scout Reservation near Nashville, using a management plan that was developed last fall. To improve the quality of fishing in the ponds, channel catfish and fathead minnows were stocked, two automatic feeders were installed, and habitat improvement is planned.

The SFA held elections in the spring; our new officers include president, Jeff Williams, vice-president, Susan Malone, secretary/treasurer, Liz Heitman, and undergraduate representative, Jessica Slatten. We hosted the 13th Annual Kid's Fishing Derby on June 9th at Cane Creek Park in Cookeville, Tennessee, where 114 children participated. Thanks to the generous support from local and national sponsors, that included the Tennessee Chapter of the AFS, Cookeville Leisure Services, and Tennessee Wildlife Resource Agency, every child that participated went home with a prize and a memorable fishing experience.

The SFA looks forward to a Student Colloquium involving students from Tennessee Tech and Virginia Tech.

University of Arkansas Pine Bluff-

www.uaex.edu/aqfi/default.htm

The American Fisheries Society Student Sub-chapter at the University of Arkansas at Pine Bluff (UAPB) currently has 23 members and the recently elected officers are; Tom Hungerford, president, Amy Fenech, vice-president, Annette Williams, secretary, and Chao Mwatela, treasurer

Over the past year, we have been involved in a variety of activities. Service activities included participating in the Great Arkansas Clean-up, participation in the Salvation Army Angel Tree program, and promoting and assisting in the Martin Luther King, Jr. Park Annual Youth Fishing Derby.

Chapter members provided presentations and/or posters at the following professional meetings: World Aquaculture Society Meeting in Florida, International Symposium and Workshop on The Interaction between fish and birds: implications for management in the United Kingdom, The National AFS meeting St. Louis, MO, the Arkansas State Meeting of the AFS, the UAPB Student Research Forum, and the UAPB Aquaculture Field Day. Dan Dauwalter and Chao Mwatela won best student presentations at both the Arkansas AFS meeting and the UAPB Student Research Forum.

The chapter used a catfish raffle at homecoming to raise funds for chapter activities. Members decorated our electrofishing boat as a float for the UAPB Homecoming parade, and provided candy for children along the parade route.

University of Georgia-

www.uga.edu/ugafish

The UGA Fisheries Society has completed its first full year as an official student subunit of the Georgia Chapter. During the 2000-2001 school year, we held 12 meetings, most of which featured guest speakers. Topics included conservation of and threats to native fishes of Puerto Rico, research opportunities on Sapelo Island (a UGA Marine Sciences research facility), a report on the 3rd World Fisheries Congress held in Beijing, and the development and production of a successful outdoors show. We also participated in the Georgia Chapter's annual meeting by hosting a Student/Professional Mixer, sponsored by Southern Company.

In the fall, we held the 2nd Annual Fall Fish Fry and raffle. In January, we participated in a tree-planting fund-raiser. Additionally, we produced and sold t-shirts with our logo on the back. We ear-marked the proceeds from these sales for the Tim Copeland Fund. Together with gifts and auction proceeds from the local TU Chapter and a donated stained glass trout for VA Tech's auction, the subunit generated about \$800 for the Tim Copeland Fund.

The subunit also assisted in the Williams/United Way \$10,000 Crappie Tournament, held in March at Sandy Creek Park, just outside Athens. We also sponsored "Fishing at the Dean's Pond" during Loblolly 2001, a Warnell School of Forest Resources Alumni event. We participated in the Upper Oconee Watershed Network's River Rendezvous, an annual water-quality monitoring project in the Athens area.

We held two "Goin' Fishing with the United Way," events benefitting the Boys & Girls Clubs of Athens and the Athens Community Council on the Aging. Kids and seniors from these organizations were treated to a morning of fishing, lunch, and door prizes. Partners have included the Oconee Rivers Trout Unlimited Chapter, Trus-Joist MacMillan, Williams/Trans-Co., the UGA Men's Basketball Team, the Warnell School of Forest Resources, and several other corporate sponsors that provided food, drinks, and prizes.

In addition to our website (above), we developed and maintain a site for the Georgia Chapter.



2001 SEAFWA meeting in Kentucky

Registration information for the upcoming SEAFWA meeting can be found on the Kentucky Department of Fish and Wildlife website (kdfwr.state.ky.us) as it becomes available.

EXCOM Meeting Minutes

February 23, 2001

Jacksonville, Florida

President Mike Meador called the EXCOM Meeting to order at 0810. President Meador recognized Past Presidents Rich Noble and Scott Van Horn, guest Jim Martin with Pure Fishing and Gus Rassam, AFS Executive Director.

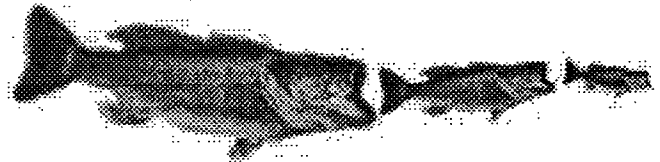
AFS Executive Director's Remarks: Dr. Rassam announced that selected Governing Board members will meet with key congressional staffers to make AFS known to them and to position AFS as a ready source of relevant fisheries information, followed by a reception to allow mingling. He also addressed several things he felt would be impacting AFS in the future, such as volunteer leadership, changing member expectations, revenue sources, generational issues, competition, and globalization.

Remarks by Jim Martin: Jim presented a reflection on what really matters regarding administration of fish and wildlife issues. He believes that many professionals are too busy throughout their careers counting and inventorying rather than concerning themselves with largescale habitat issues. He felt most mistakes by resource professionals regard what they have done, not how they did them. Even in our monitoring programs, we tend to measure the wrong things, the details we feel we have some control over rather than the habitat issues that drive the systems.

AFS President's Remarks: Dr. Carl Burger reminded everyone that the theme of the 2001 annual meeting will be *A Fisheries Odyssey*, where the focus will be on where we need to go in the future. Leadership visibility and outreach will be key elements. He also announced that the AFS is considering a web link expressly for the media.

President's Report: Mike Meador explained there appears to be substantial discrepancies between hardcopy membership lists, electronic mailing lists and dues reimbursements, all indicating a need for better record keeping.

Anniversary Committee Report: Rich Noble reported that plans call for kicking off the 50th anniversary of the Division at the 2002 Mid-year meeting in Little Rock.



Jimmie Pigg Memorial Outstanding Student Achievement Award

The Warmwater Streams Committee created an Outstanding Student Achievement Award in 1997 to recognize university students who are truly outstanding in research, education and professional endeavors. Outstanding student(s) are recognized at the Southern Division's Annual Mid-Year Meeting and receive a plaque, a \$ 200 travel award, and a one-year membership to the American Fisheries Society. In 1999, the award was re-named the Jimmie Pigg Memorial Outstanding Student Achievement Award in honor of Jimmie Pigg, a longtime supporter of student activities.

Criteria are based on research, education and professional activities. Research criteria can be achieved by either independent graduate activities or collaborative research with educators or fishery scientists. All aspects of research activities concerned with warmwater streams are acceptable. An outstanding educational record based on undergraduate and/or graduate courses is desirable. Professional activities such as holding offices or chairing committees in fishery-related student organizations, AFS Chapters, and other professional organizations are desirable. All nominees must be willing to present their research at the 2002 SDAFS Mid-Year Meeting and must submit with the nomination material an abstract. All nominees will be ranked based on research (40%), education (25%), professional service (25%) and public service (10%). Nomination material is available from the Committee's homepage housed in the SD AFS site (<http://www.sdafs.org/>) or by contacting Chris O'Bara at cobara@dnr.state.wv.us or 304-420-4550. All nomination material must be submitted by January 18, 2002 to Chris O'Bara, West Virginia DNR, 2311 Ohio Ave, Parkersburg, WV 26101 Fax 304-420-4554



Outstanding Achievement Award Call for Nominations



Recognition of individuals in our profession that have contributed significantly to fisheries science is an important function of SDAFS. Each year, the Division solicits nominations for its Outstanding Achievement Award, presented at the Annual Meeting. Awards are not limited to one person; rather they are offered when suitable recipients are identified.

Essential to the prestige of the award is the nomination process. Awards having the backing (and participation) of our 2000+ members confer a greater honor than those presented by committee only. The OAA Committee reviews nominations and coordinates the selection of recipients, but does not do everything itself, so **PLEASE SEND US NOMINATIONS!**

CRITERIA

- outstanding service to Southern Division AFS
- a significant accomplishment in fisheries resource management, research, or education
- original techniques or research approach
- new ideas, viewpoints, etc. that contribute to the advancement of fisheries science and our understanding of aquatic resources
- imaginative & successful program in fish conservation
- education, at any level of teaching or graduate student guidance
- interdisciplinary research or management accomplishments involving team leadership
- accomplishments in a diversity of fields such as biology, public education, writing, research, and professional leadership

LIMITATIONS

- must be a member of Southern Division AFS
- must be nominated by a SDAFS member and approved by the OAA Committee.

PROCEDURES

Please send nomination letters to Gene Gilliland, Chair, Southern Division Awards Committee, Oklahoma Fishery Research Lab, 500 E. Constellation, Norman, OK 73072 (e-mail: ggillokla@aol.com). Letters should include a description of the nominees' qualifications as a recipient of this prestigious award. **NOMINATIONS MUST BE RECEIVED BY SEPTEMBER 1!!!**

AFS Southern Division Newsletter
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