

The Shell-Cracker

FLORIDA CHAPTER OF THE AMERICAN FISHERIES SOCIETY



VOLUME 8 (3 - 4)

FEBRUARY 1989

ANNUAL MEETING INFORMATION

As most of you are now aware, we have scheduled our annual meeting for Tuesday and Wednesday, February 14-15, at the Episcopal Camp and Conference Center near Live Oak, FL. On-site registration will begin at 3:00 p.m. on Monday, February 13 at the Administration/Registration building.

If you have not pre-registered, please fill out the enclosed pre-registration form and return it immediately. We need to provide a reasonable estimate of attendance, particularly for meals, so your attention to this matter is appreciated. Remember if you did not sign up for linens (\$5.00) bring your own or pay for them at registration. Linens are included in the motel prices.

The registration fee of \$30.00 pays for membership dues, use of meeting rooms, refreshments, and the evening socials. The complete meeting agenda is listed on page 2 of this newsletter. For attendees to the Annual meeting there are no additional charges for the Recruitment Workshop Plenary Session since it is part of the annual meeting. If you have questions concerning the meeting or are coming and have not pre-registered please contact Ken Haddad at 813/898-8626 or SUNCOM 523-1011. We would also like anyone who can solicit any last minute raffle items to do so!! Bring them to the meeting and see Wes Porak.

It has been brought to our attention that there are two towns called Live Oak in Florida. We will be meeting just outside of the Live Oak that lies between Tallahassee and Jacksonville. The map giving directions to the meeting site is not to scale. Ingram Road is a dirt road off US 90. The center is on your right only about 1/2 mile down the road. Look for the Episcopal Camp and Conference Center Road and a posted AFS sign.

NINTH ANNUAL MEETING AGENDA

February 13th

- 12:00 N Meet for canoe tour on Suwannee River
- 3:00-9:00 pm Registration
- 6:00 pm Dinner
- 7:30 pm Social in the Haybarn--Raffle tickets on sale.

February 14th

- 8:00 am Breakfast
- 8:45 am Registration in Conference Center Meeting Room

Symposium--"Fisheries Restoration and Enhancement"

- 9:00 am Opening Remarks
- 9:10 am Mr. Robin Lewis, Housel and Associates --
"Marine habitat restoration in Florida"
- 9:50 am Mr. Mark Fonseca, National Marine Fisheries Service--
"Fisheries habitat restoration: a Federal perspective"
- 10:30 am BREAK
- 10:40 am Dr. Margaret Hall, Fl. Marine Research Institute--
"Marine fisheries habitat restoration research"
- 11:20 am Mr. Bob Wattendorf, Fl. Game & Freshwater Fish Commission--
"Freshwater fisheries habitat restoration"
- 12:00 N LUNCH
- 1:00 pm Mr. Vince Williams, Fl. Game & Freshwater Fish Commission--
"Freshwater fisheries habitat research"
- 1:40 pm Mr. Forrest Ware, Fl. Game & Freshwater Fish Commission--
"Freshwater fisheries stock enhancement in Florida"
- 2:20 pm Dr. Karen Steidinger, Fl. Marine Research Institute--
"Saltwater fisheries stock enhancement in Florida"
- 3:00 pm BREAK

Contributed Papers Session

3:15 pm--Miller, Steven J. Effects of Kissimmee River restoration on vegetation communities adjacent to remnant oxbows.

3:35 pm--Henningsen, Brandt. Descriptions of SWIM habitat restoration and research projects with fisheries applications for Tampa Bay.

3:55 pm--Johnson, William E., John W. Benton, and David R. Douglas. Lake drawdown as a management strategy for restoration of sportfish populations and aquatic vegetation in a hypereutrophic central Florida lake.

4:15 pm BUSINESS MEETING

6:00 pm DINNER

7:30 pm Raffle in the Haybarn (7:30 sharp!)
Social in the Haybarn
Bonfire (Not in the Haybarn)

February 15th

8:00 am Breakfast/Business Meeting (if necessary)

Continuation of Contributed Paper Session

9:00 am--Johnson, Russell. Assessing bag limit sizes.

9:20 am--Peters, Kevin M., and R.H. McMichael, Jr. Early life history of the black drum, Pogonias cromis, in Tampa Bay with comments on the recruitment and distribution of other sciaenid species.

9:40 am--Jennings, Dawn P. and James D. Williams. Factors influencing the distribution of blackchin tilapia (Sarotherodon melanotheron) in the Indian River system, Florida.

10:00 am--Collins, L. Alan and J. Jeffrey Isely. Descriptions of, and preliminary results from, a length frequency study on king mackerel from North Carolina through Mexico, 1985-1988.

10:20 am BREAK

10:30 am--Hochberg, Randall J. Aspects of the ecology and life history of, and host modifications in, the parasite/host relationship of Loxothylacus texanus to Callinectes sapidus along the west coast of Florida.

10:50 am--Williams, James D., Noel M. Burkhead, and Dawn P. Jennings. Ecological studies of the Okaloosa Darter, an endangered fish endemic to the Florida Panhandle.

11:10 am--McMichael, R.H. Jr., K.A. Killam, and Ben J. McLaughlin. The development of a fisheries independent monitoring program in Florida's estuaries.

11:30 am--Mason, William T. Jr., and James P. Clugston. Gulf sturgeon, Acipenser oxyrhynchus desotoi, food studies in the Suwannee River, Florida, 1987-1988: Preliminary analysis.

11:50 am--Clapp, D.F., R.S. Hestand, III, B.Z. Thompson, and K.W. Phippen. Movement of triploid grass carp in Florida lake systems.

12:10 N LUNCH

1:00 pm Plenary Session: Fisheries Recruitment in Florida waters--Toward a predictive capability.
(see attached brochure)

5:00 pm Conclude Florida Chapter AFS 9th Annual Meeting

*****OTHER NEWS*****

EDITOR'S DESK

NEWS REPORTERS WANTED If you would like to enhance the quality of our quarterly newsletter, Shellcracker, please be prepared to volunteer during the Annual meeting. For broad coverage, I would like at least one volunteer from each state or federal lab, field offices, private business, or university with at least one FL-AFS member. Please help us make the Shellcracker entertaining, informative, and quarterly.

NOMINATING COMMITTEE

The committee is hard at work searching for nominees for the upcoming Chapter Elections to the posts of Secretary-Treasurer-elect and President-elect. If you are interested in joining the fray or would like to nominate an eager colleague please call Mike Murphy (813/896-8626), Marty Hale (904/357-6631) or Bill Loftus (305/245-5266).

***** On-Site Registration *****
 will begin at 3:00 pm, Monday, February 13, 1989
 Pre-registration Form

Name: WESLEY PORAK
 Address: PO BOX 1903
 City: EUSTIS State: FL ZIP Code: 32727-1903
 Affiliation: FLA GAME & FISH COMM
 Phone Number: _____

February 13
 Motel Rooms (double occupancy) \$26.00 _____
 If you have a roommate, please give name _____, otherwise, you will be randomly placed.
 (single occupancy) \$36.00
 Cabins \$16.00 16.00
 Meals dinner \$7.25 7.25

February 14
 Motel Rooms (double occupancy) \$26.00 _____
 If you have a roommate, please give name _____
 (single occupancy) \$36.00
 Cabins \$16.00 16.00
 Meals Breakfast, lunch, dinner \$18.00 18.00
 lunch, dinner \$13.50

February 15
 Meals breakfast, lunch \$10.75 10.75
 * Linens are an extra charge and include a pillow, sheets, towels and blanket \$5.00 5.00
 Registration (EVERYONE!) \$30.00 \$30.00

TOTAL 103.00

payment enclosed will pay at on-site registration

Yes, I would like to participate in a Suwannee River canoe tour on February 13, leaving from the Conference Center at 12:00 Noon. (\$5-\$6, payable at the Canoe Outpost).

SEND REGISTRATION FORM AND FEES TO KEN HADDAD, FMRI, 100 8TH AVENUE, SE, ST. PETE, FL 33701. IF YOU HAVE ANY QUESTIONS CALL KEN AT SUNCOM 523-1011 OR 813/896-8626.

FLORIDA CHAPTER OF THE AMERICAN FISHERIES SOCIETY

EXECUTIVE COMMITTEE



President
Wesley Porak

President-Elect
Ken Haddad

Secretary-Treasurer
Jim Tilmant

Past President
Barbara Hoffman

(Name)

(Affiliation)

(Address)

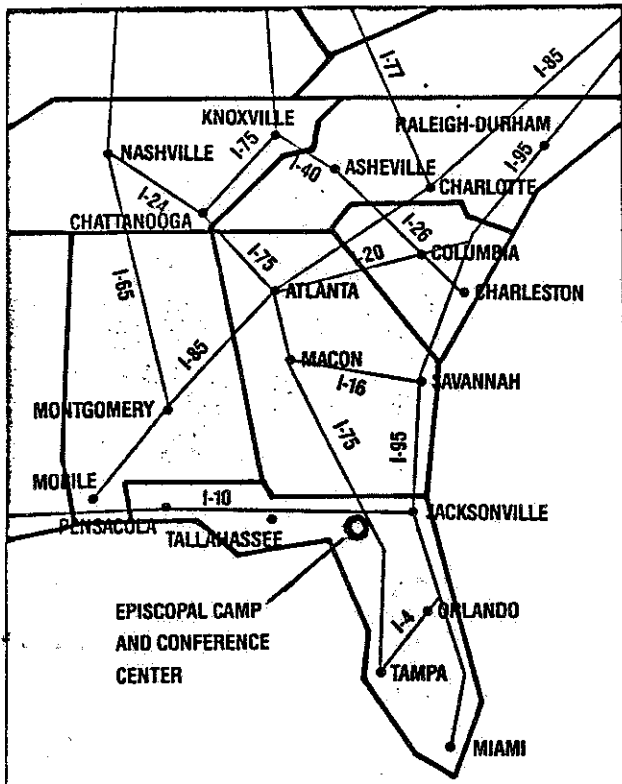
(City)

(State) (ZIP)

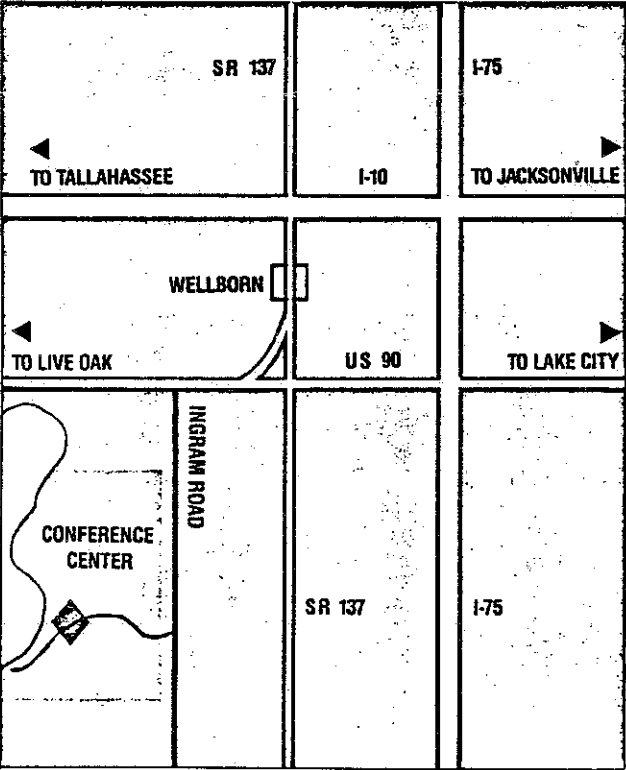
(Home Phone) (Work Phone)

DUES - \$10.00 for 1989 Membership (2/89 to 2/90)

SEND TO: Wes Porak, P. O. Box 1903, Eustis, FL 32727-1903
pa.



The Episcopal Camp and Conference Center is located centrally in the South-eastern United States, providing a beautiful setting for groups in a 5-state area. The conference center is conveniently accessible by major interstate routes.



You can find us by taking I-10 to the Wellborn exit located just west of the I-10 & I-75 intersection. Go south on highway 137 to U.S. 90 and go west approximately 5 miles to Ingram Road on the southside of U.S. 90.

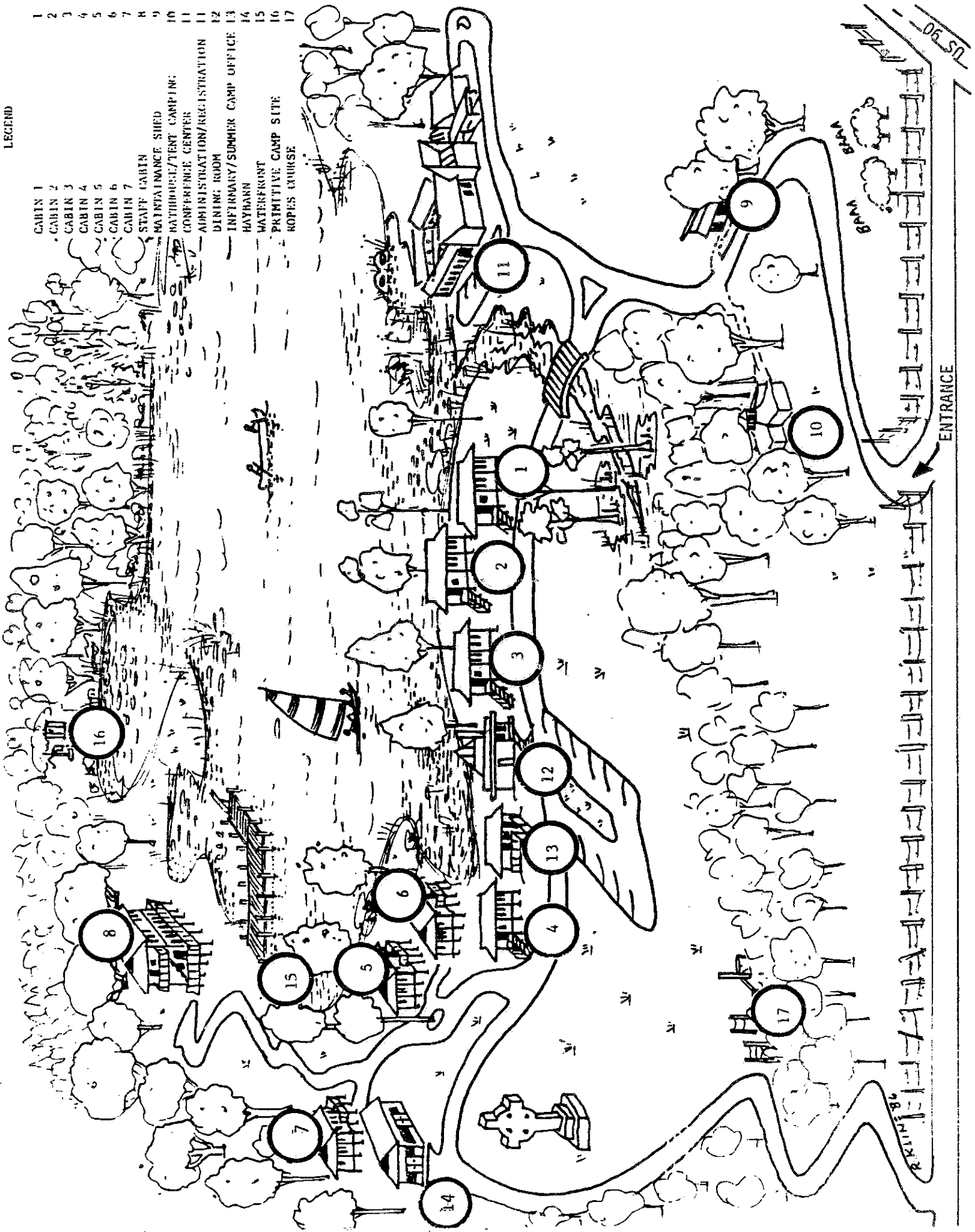
EPISCOPAL CAMP AND CONFERENCE CENTER
 Rt. 3 Box 140
 Live Oak, Florida 32060
 Telephone: (904) 362-6633
 Joe Chamberlain, Manager

Owned and operated by the Episcopal Diocese of Florida.

NOT TO SCALE

LEGEND

- 1 CABIN 1
- 2 CABIN 2
- 3 CABIN 3
- 4 CABIN 4
- 5 CABIN 5
- 6 CABIN 6
- 7 CABIN 7
- 8 STAFF CABIN
- 9 MAINTENANCE SHED
- 10 BATHHOUSE/TENT CAMPING
- 11 CONFERENCE CENTER
- 12 ADMINISTRATION/REGISTRATION
- 13 DINING ROOM
- 14 INFIRMARY/SUMMER CAMP OFFICE
- 15 HAYBARN
- 16 WATERFRONT
- 17 PRIMITIVE CAMP SITE
- 18 KOPES COURSE



SYMPOSIUM
on
Multispecies Models Relevant to Management of Living Resources

Organized
by
the International Council for the Exploration of the Sea
ICES

ICES, a pioneer in the development of multispecies models relevant to management of living resources, will convene this international symposium to culminate a decade of focused research under the ICES banner.

The purpose of the Symposium is to:

1. encourage quantitative analysis of biological and technological interactions relevant to management of living resources;
2. provide a forum for comparison of approaches applied both within and beyond ICES primary area of interest;
3. provide a summary of the "State of the Art".

PARTICIPATION

The Symposium, for which there is no registration fee, is open to all interested scientists who announce their participation in advance. Participants are requested to inform the General Secretary by no later than 31 August 1989. Information regarding the venue and arrangements for the Symposium hotel accommodation, etc., in The Hague will be provided by the ICES Secretariat following receipt of such notification.

ADDRESSES

Co-conveners:

Dr. M.P. Sissenwine, Northeast Fisheries Center, NMFS/NOAA, Woods Hole, MA 02543, USA.

Dr. N. Daan, Netherlands Institute for Fishery Investigations, Postbus 68, 1970 AB IJmuiden, The Netherlands.

For administrative purposes please contact ICES Secretariat:

GENERAL SECRETARY
ICES/CIEM
Palaegade 2-4
DK-1261 Copenhagen K
Denmark

EXCERPTS FROM THE AFS DIARY

APPLICATIONS ARE BEING ACCEPTED UNTIL 30 APRIL 1989 FOR THE J. FRANCES ALLEN SCHOLARSHIP. This is a one-time award of \$2,500.00 (U.S.), for a female doctoral student whose research emphasis is in the area of fisheries science. This scholarship was established in 1986 in honor of Dr. Allen, a pioneer of women's involvement in AFS and in the field of fisheries. The qualified applicant must be a Ph.D. student and an AFS member as of December 1988. The award announcement will be made at the annual AFS meeting in September 1989. For complete application information and instructions write to: J. Frances Allen scholarship, AFS, 5410 Grosvenor Lane, Bethesda, MD 20814-2199.

COMMON AND SCIENTIFIC NAMES OF NORTH AMERICAN MOLLUSKS has just been published by AFS and is available in hard and soft cover. The 280-page book contains some spectacular color photos and includes all 5700 molluscan species in North America. The new book was produced by Dr. Donna Turgeon and her AFS Committee on Common and Scientific Names of Aquatic Invertebrates. The Committee's work and common name designations were done with full participation by major malacological organizations. Hard (cloth) bound books sell for \$24.00 to members and \$30.00 to non-members. Paper bound copies sell for \$19.00 to members and \$24.00 to non-members.

Other newly available AFS publications are:

Larval Fish and Shellfish Transportation Inlets - This is AFS Symposium Series 3, containing papers presented at the 1985, Ocean Springs, Mississippi, workshop and edited by M.P. Weinstein. \$12.00 members; \$15.00 non-members.

Status and Management of Interior Stocks of Cutthroat Trout - This synopsis of information concerning interior stocks of cutthroat trout emanated from the 1979 special session at the AFS annual meeting in West Yellowstone, Montana. Edited by Robert Gresswell, the 140-page soft-cover book is Symposium Series 4. \$12.00 members; \$17.00 non-members.

11th Annual Larval Fish Conference - is Symposium Series 5, edited by Robert Hoyt. It contains proceedings of a June 1-3, 1987, conference in Houghton, Michigan. With 130 pages the soft cover proceedings sells for \$12.00 members; \$15.00 non-members.

Science, Law, and Hudson River Power Plants - is a 350-page report on the largest, most expensive and litigious power plant case and covers large-river sampling, fish biology, modeling controversies, legal issues, and other lessons learned about conducting science in a regulatory environment. This is AFS Monograph 4 edited by Barnthouse, Klauda, Vaughan and Kendall. \$28.00 members; \$33.00 non-members.

THE USFWS FISHERIES ACADEMY 1988-89 COURSE CATALOG is available to anyone who writes to the Academy at Route 3, Box 49, Kearneysville, WV 25430. Courses include Fish Health Management and Disease Diagnosis, Pacific Salmon Culture, Coldwater Fish Culture, Introduction to Fish Health, Principles and Techniques of Electrofishing, plus 28 other short courses and audio visual presentations.

WORLD FISHERIES CONGRESS, APRIL 1991, ATHENS, GREECE. Presentations during this scientific meeting will assess the state of the world's fisheries resources with the goal of promoting scientific collaboration. Sponsored by the American Fisheries Society, Asian Fisheries Society and over 20 other organizations worldwide. For additional information contact the World Fisheries Congress, 5410 Grosvenor Lane, Suite 110, Bethesda, MD 20814.

AFS COMPUTER USER SECTION'S ELECTRONIC BILLBOARD has been operating as a service to Section members since January 1988 but is now open to all AFS members. To access the board, dial (313) 996-1456 with your computer modem and sign on. If you have problems connecting, voice help is available from SYSOP, Tony Frank, weekdays at (313) 994-3331 from 8 a.m. to 4 p.m. Central Time. There is a questionnaire for new users to fill out online, and then you are free to explore the board, read and respond to messages, or to download files. Help is available by typing H at the prompt. Any AFS subunit that wishes to open a conference area should contact the SYSOP.

THE FISH CULTURE SECTION'S ANNUAL MEETING MINUTES provided notice that: (1) the Genetics, Administrators, and Fish Culture Sections are cooperating in drafting an AFS policy on genetic engineering; (2) Vince Mudrak and committee have completed ambitious preparations for Section participation in Aquaculture '89 scheduled for Los Angeles in February 1989 (the AFS central office will send Paul Brouha and Karen Maggi to provide staff assistance); (3) the Society-sponsored Fish Culture Hall of Fame under Arden Trandahl's leadership is successful, popular, and growing; (4) the Section is making great progress in drafting the AFS position on aquaculture; and (5) Bob Stickney is developing plans for a "net pen culture" symposium as part of the Society's annual technical program in Anchorage this September.

"MAKING NON-POINT POLLUTION CONTROL PROGRAMS WORK" is the title of an April 23-26, 1989, conference at the Clarion Hotel in St. Louis, Mo. The conference will feature invited presentations from key legislators, federal agencies, industry leaders, farmers, and concerned citizens, as well as submitted papers from water quality researchers and practitioners. AFS is one of 20 co-sponsoring groups while the National Association of Conservation Districts and 10 other organizations and agencies are primary sponsors. Advance registration costs are \$75.00 (students \$50.00). For information write NACD, National NPS Conference, P.O. Box 855, League City, TX 77574-0855, (202) 547-NACD.

THE SECOND SESSION OF THE 100TH CONGRESS HAS ADJOURNED and there were several key successes for fisheries:

Wallop-Breaux amendments were reauthorized through 1994. At this point, California sport fishing groups are requesting an analysis of the formula for distribution of funds to the states. The American League of Anglers and Boasters (ALAB) will review a first-cut evaluation of state-by-state expenditures for fishing tackle and marine fuel by the Sport Fishing Institute at its November meeting. In the longer term, a symposium to show the success of Wallop-Breaux is being planned for National Fishing Week two years hence and a survey will be conducted to more completely document each state's contribution of marine fuel tax.

The Striped Bass Act was reauthorized until 1991 and amended to provide for a \$1 million striped bass study (funds not to come from the Emergency Striped Bass Act) in the Roanoke River and Pamlico Sound in conjunction with a proposed water delivery pipeline. The Act was also amended to authorize the Secretary of Commerce to regulate striped bass commerce through Maryland from the Exclusive Economic Zone.

Ocean dumping legislation passed to require the cessation of dumping by 1992. A Clean Oceans Trust Fund is also created using ocean dumping fees.

The reauthorization of the Endangered Species Act provided for use of turtle excluder devices (TEDS) by shrimp fishermen starting May 1, 1989, (except off the Florida coast near Cape Canaveral where they are presently required). Additionally, the National Academy of Sciences will review scientific literature to assess whether sea turtles are really endangered, whether there are feasible alternatives to TEDS, and to what extent shrimping is affecting turtle populations.

1989 appropriations essentially doubled the Forest Service fishery habitat improvement budgets (resident fish \$6.2 million and \$9.9 million for anadromous fish) and increased staffing by 100 biologist positions. The Bureau of Land Management's fishery budget was increased by \$750,000 and riparian management a similar amount (in the grazing management function). The National Marine Fisheries Service received level funding despite an initial 48% cut proposed by the Administration. The Fish and Wildlife Service got a small increase to encourage the agency to emphasize its refuge fishery management - not nearly enough to address the need.

THE NEW AFS PROCEDURAL MANUAL has been printed and is now available. The central office is mailing a copy to all Society sub-unit officers and committee chairs. Additional printed copies will be mailed to any member who provides a 7 1/2" by 10 1/2" or larger envelope carrying the 90 cents postage necessary for 4th class book rate. The manual is a really useful tool for figuring out how to make the Society work for you and how to effectively work within the Society.

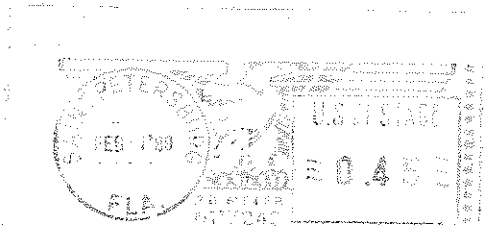
UPDATING AND EXPANDING THE AFS MONETARY VALUES OF FRESHWATER FISH AND FISH-KILL COUNTING GUIDELINES is a goal of the active and enthusiastic Socioeconomics Section. The Section is developing plans and resources to (1) update the 1979-80 hatchery cost survey and for the first time include marine and anadromous fish hatchery costs; and (2) prepare an extensive review of economic values of fish, the application of such values for damage assessments, etc., and a "Handbook on Economic Values for Fish." If you would like more information or would like to be involved contact Dan Huppert, Southwest Fisheries Center, P. O. Box 271, La Jolla, CA 92038.

THE CREEL AND ANGLER SURVEY SYMPOSIUM STEERING COMMITTEE (Dr. Bob Ditton, Chairman) met at AFS central offices to continue planning for this major AFS/U.S. Fish and Wildlife Service sponsored event. The exact time and place have not been fixed but all plans point to late January or February 1990, in Houston, Galveston, or Corpus Christi. A large and active committee is hard at work, most session chairs and co-chairs have been selected. A trade show is being planned, continuing education credits will be issued, and results will be documented in formal proceedings and a state-of-the-art manual. Send questions or comments to Chairman Ditton, Department of Fish and Wildlife, Texas A&M University, College Station, TX 77843, phone (409) 845-9841.

THE AFS FISHERIES SCIENTIST CERTIFICATION process continues to move methodically forward and now lists 1,204 Certified Fisheries Scientists and 46 Associate Fisheries Scientists. For information on the certification program write to Toni Brome in the central office.

"CONSUMING THE RESOURCE: AN EVALUATION OF B.A.S.S CATCH-AND-RELEASE PROPOSAL" has reached us from Bass Anglers Sportsman Society Tournament Director Dewey Kendrick. The B.A.S.S. organization takes justifiable pride in their catch-and-release efforts and is pleased with the report authorized by Dr. Hobson Bryan of the University of Alabama. Kendrick will mail copies to interested AFS members who write him at P.O. Box 17900, Montgomery, AL 36141, (205) 272-9530.

Michael D. Murphy
FAFS Newsletter Editor
Florida Marine Research Institute
100 8th Ave. S.E.
St. Petersburg, FL 33701-2095



Wes Porak
Florida Game & Fresh Water Fish Comm.
P. O. Box 1903
Eustis, FL 32727-1903